

**AN ATLAS OF POTENTIALLY
WATER-RELATED DISEASES
IN SOUTH AFRICA**

Volume 1

Mortality 1990

Report to the

WATER RESEARCH COMMISSION

by

D E Bourne and N Coetzee

**Department of Community Health
University of Cape Town Medical School**

WRC Report no. 584/1/96
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EXECUTIVE SUMMARY

Rationale

Little information is available on the spatial variation of the health or ill health of the South African population.

The most common measurable parameter employed to define ill health is mortality. The mortality rate, as an indicator of ill health, is useful because death is a definitive event, is easily measured and can be quantified. A more complete assessment of ill health would include measures of disease prevalence and disability, but such data is not widely available for South Africa.

Accordingly, an atlas of mortality for disease which are potentially water related was prepared. Such an atlas gives a spatial indication of ill health and places in perspective the burden of mortality caused by potentially water related diseases to total mortality.

The new South African government in its Reconstruction and Development Programme (RDP) has enunciated a policy of free health care to children under the age of 6 years. Accordingly an analysis of childhood mortality has also been undertaken.

Objectives

1. To produce an atlas of mortality from potentially water related diseases.
2. To discuss the implications of the observed disease distributions.
3. To supply information on the aetiology of potentially water related diseases in a concise form, suitable for non medical professionals and to supply a bibliography relating to the occurrence of these diseases in South Africa.

Methods

A data set whose individual records consisted of details of each death registered in the Republic of South Africa during 1990 was obtained from the Central Statistical Services.

This data which was coded according to the age, sex, gender, place of residence and cause of death of the deceased enabled a much more detailed spatial analysis to be carried out than was presented in the published reports.

Diseases for inclusion in the atlas were of three types:

1. Water borne, such as gastro enteritis, dysentery, cholera.
2. Water washed (i.e. transmission resulting from lack of adequate amounts of water or inadequate hygiene) such as shigellosis.
3. Water mediated (i.e. water plays a role in the life cycle of the pathogen or one of its hosts) such as schistosomiasis or malaria.

In addition an analysis of all other causes of death (according to the 56 categories of the Basic Tabulation List of the World Health Organization International Classification of Diseases (9th revision) was carried out for each area to place the impact of potentially water related diseases in the context of overall mortality.

The following potentially water related diseases were examined:

1. Amoebiasis
2. Haemorrhagic fevers
3. Balantidiasis
4. Cholera
5. Conjunctivitis, chlamydial
6. Cryptosporidiosis
7. Dengue fever
8. Diarrhoea (Intestinal infectious diseases)
9. Food poisoning
10. Giardiasis
11. Viral hepatitis A
12. Viral hepatitis B
13. Hookworm disease
14. Legionellosis
15. Leptospirosis
16. Malaria
17. Naegleria/Acanthamoeba
18. Paratyphoid fever/s
19. Pediculosis
20. Poliomyelitis

21. Scabies
22. Schistosomiasis
23. Shigellosis
24. Taeniasis
25. Trachoma
26. Typhoid fever
27. Yellow fever
28. Yersiniosis

RESULTS

Significant overall mortality was found for the following diseases:

Intestinal infections 2.87% of all deaths

Accidental drowning 0.6% of all deaths

Viral hepatitis 0.09% of all deaths and

Malaria 0.03% of all deaths (mainly in the North East of the country).

The picture however changed markedly when the under 6 year old population was considered. Here intestinal infectious disease accounted for 16.91% of deaths.

If only the 1 to 5 year old group is considered (for what is usually considered childhood mortality) the proportion rises to 19.51% and **becomes the leading cause of death for this age group.**

The report gives detailed analysis by cause of death for each of the 9 provinces of South Africa. More detailed analysis at the level of statistical regions and magisterial districts is also available on disc.

Future Directions

The extremely high prevalence of mortality from intestinal infectious disease among children is of great concern. As the incidence of this disease can readily be reduced by improved sanitation and better safe water supplies (themselves objectives of the RDP) it is recommended that an interdisciplinary working group representing research councils in the medical and water fields as well as the government departments of Health and Water

Affairs and the RDP office be established to see how best the problem can be addressed.

Ongoing mortality surveillance provides a means whereby progress can be monitored.

DISCLAIMER

This report emanates from a project financed by the Water Research Commission (WRC) and is approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Water Research Commission, nor does the mention of trade names or commercial products constitute endorsement or recommendation for use.

Although some data was supplied by Central Statistical Services (CSS), the analyses are those of the authors and the results do not necessarily reflect the views and policies of the CSS.

ACKNOWLEDGEMENTS

Raw Mortality data was supplied by the Central Statistical Services, Pretoria. Ms Aneleh Midgley produced the maps using the Atlas*graphics software program.

CONTENTS

ACKNOWLEDGEMENTS	v
LIST OF TABLES	vi
LIST OF FIGURES	vii
LIST OF MAPS	vii
1. INTRODUCTION	1
2. OBJECTIVES	2
3. METHODS	2
4. RESULTS	4
5. CONCLUSIONS	7
APPENDIX A. THE MAPS	8
APPENDIX B. KEY MAP	16
APPENDIX C. TABLES	17
REFERENCES	48

LIST OF TABLES

Table 1.0	Mortality 1990: All Ages: South Africa	18
Table 1.1	Mortality 1990: All Ages: Western Cape	19
Table 1.2	Mortality 1990: All Ages: Northern Cape	20
Table 1.3	Mortality 1990: All Ages: Northwest	21
Table 1.4	Mortality 1990: All Ages: Gauteng	22
Table 1.5	Mortality 1990: All Ages: Free State	23
Table 1.6	Mortality 1990: All Ages: Eastern Cape	24
Table 1.7	Mortality 1990: All Ages: Kwazulu/Natal	25
Table 1.8	Mortality 1990: All Ages: Mpumalanga	26
Table 1.9	Mortality 1990: All Ages: Northern	27
Table 2.0	Mortality 1990: Ages 0 to 5 years: South Africa	28
Table 2.1	Mortality 1990: Ages 0 to 5 years: Western Cape	29
Table 2.2	Mortality 1990: Ages 0 to 5 years: Northern Cape	30
Table 2.3	Mortality 1990: Ages 0 to 5 years: Northwest	31
Table 2.4	Mortality 1990: Ages 0 to 5 years: Gauteng	32
Table 2.5	Mortality 1990: Ages 0 to 5 years: Free State	33
Table 2.6	Mortality 1990: Ages 0 to 5 years: Eastern Cape	34
Table 2.7	Mortality 1990: Ages 0 to 5 years: Kwazulu/Natal	35
Table 2.8	Mortality 1990: Ages 0 to 5 years: Mpumalanga	36
Table 2.9	Mortality 1990: Ages 0 to 5 years: Northern	37
Table 3.0	Mortality 1990: Ages 1 to 5 years: South Africa	38
Table 3.1	Mortality 1990: Ages 1 to 5 years: Western Cape	39
Table 3.2	Mortality 1990: Ages 1 to 5 years: Northern Cape	40
Table 3.3	Mortality 1990: Ages 1 to 5 years: Northwest	41
Table 3.4	Mortality 1990: Ages 1 to 5 years: Gauteng	42
Table 3.5	Mortality 1990: Ages 1 to 5 years: Free State	43
Table 3.6	Mortality 1990: Ages 1 to 5 years: Eastern Cape	44
Table 3.7	Mortality 1990: Ages 1 to 5 years: Kwazulu/Natal	45
Table 3.8	Mortality 1990: Ages 1 to 5 years: Mpumalanga	46
Table 3.9	Mortality 1990: Ages 1 to 5 years: Northern	47

LIST OF FIGURES

Figure 1	Mortality 1990: Ages 1-5 years, percentage of deaths	6
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LIST OF MAPS

Map 1	Malaria - numbers of deaths	11
Map 2	Drowning - percentage of deaths	11
Map 3	Ill-defined causes - percentage of deaths	12
Map 4.1	Intestinal Infectious Diseases - ranking of PYLL	12
Map 4.2	Intestinal Infectious Diseases - ranking of number of deaths aged 1-5 years	13
Map 4.3	Intestinal Infectious Diseases - percentage of deaths aged 1-5 years	13
Map 4.4	Intestinal Infectious Diseases - ranking number of deaths aged 0-5 years	14
Map 4.5	Intestinal Infectious Diseases - percentage of deaths aged 0-5 years	14
Map 5	Viral hepatitis - number of deaths	15
Map 6	Key Map - Appendix B	16

1. INTRODUCTION

Little information is available on the spatial variation of the health or ill health of the South African population. What official data has been published in the past has invariably been stratified in terms of race and published in separate reports for each age group. There have been no coherent spatial studies of the population as a whole.

The most common measurable parameter employed to define ill health is mortality. The mortality rate, as an indicator of ill health, is useful because death is a definitive event, is easily measured and can be quantified. The accuracy of the cause of death and the completeness of death registration, especially among the African population, is a cause of concern and caution must be used in interpreting results.

A more complete assessment of ill health would include measures of disease prevalence and disability, but such data is not widely available for South Africa. Certain diseases, primarily of an infectious nature, are notifiable to the Department of Health by law. Such notifications are, however, incomplete.

Accordingly an atlas of mortality for disease which are potentially water related was prepared. Such an atlas gives a spatial indication of ill health and places in perspective the burden of mortality caused by potentially water related diseases to total mortality.

The new South African government in its Reconstruction and Development Programme (RDP) has enunciated a policy of free health care to children under the age of 6 years. Accordingly an analysis of childhood mortality has also been undertaken.

2. OBJECTIVES

The objectives of this study were:

1. To produce an atlas of mortality from potentially water related diseases.
2. To discuss the implications of the observed disease distributions.
3. To supply information on the aetiology of potentially water related diseases in a concise form, suitable for non medical professionals and to supply a bibliography relating to the occurrence of these diseases in South Africa. This appears as Volume 2 of this report.

3. METHODS

The Central Statistical Services (CSS) produce a series of reports on mortality in South Africa. While these reports are stratified by age, gender, and cause of death, a spatial analysis has not been published. The CSS has made available a computer tape of all deaths registered in South Africa in 1990, that was used as input data to its reports. This tape contains for each death the age, gender, cause of death, and place of death. The cause of death is according to the International Classification of Diseases (9th revision) of the World Health Organization. The place of death is coded at the spatial resolution of the magisterial district.

A systematic analysis of deaths by region was undertaken. Areas were grouped into statistical regions (Central Statistical Services, 1991). Causes of death were categorised according to the 56 grouped causes of the Basic Tabulation List of the ICD-9 (WHO 1977).

In addition a more detailed analysis was made of potentially water borne diseases according to the detailed list of the ICD-9.

Disease examined for inclusion in the atlas were of three types:

1. Water-borne, such as gastroenteritis, dysentery, cholera.

2. Water-washed (ie. transmission resulting from lack of adequate amounts of water or inadequate hygiene) such as shigellosis.
3. Water-mediated (ie. water plays a role in the life cycle of the pathogen or one of its hosts) such as schistosomiasis or malaria.

The following potentially water related diseases were examined:

1. Amoebiasis
2. Haemorrhagic fevers
3. Balantidiasis
4. Cholera
5. Conjunctivitis, chlamydial
6. Cryptosporidiosis
7. Dengue fever
8. Diarrhoea (Intestinal infectious diseases)
9. Food poisoning
10. Giardiasis
11. Viral hepatitis A
12. Viral hepatitis E
13. Hookworm disease
14. Legionellosis
15. Leptospirosis
16. Malaria
17. Naegleria/Acanthamoeba
18. Paratyphoid fever/s
19. Pediculosis
20. Poliomyelitis
21. Scabies
22. Schistosomiasis
23. Shigellosis
24. Taeniasis
25. Trachoma
26. Typhoid fever
27. Yellow fever
28. Yersiniosis

The 148 658 recorded deaths in 1990 were analysed spatially. It should be noted that only 55% of African deaths are reported (Dorrington, 1989). Nonetheless no attempt was made to correct for undercount as the spatial distribution of the undercount is itself unknown. The maps and data consequently represent the registered deaths in South Africa. In 1990 the homelands of Transkei, Ciskei, Venda and Bophuthatswana were not considered part of the Republic of South Africa and hence no data is available for them.

For each of the causes of death analysed, and for each geographic area, the following were calculated:

1. number of deaths
2. percentage of deaths
3. potential years of life lost (PYLL)
4. percentage of potential years of life lost (%PYLL)

The potential years of life lost (PYLL) is a public health measure of death that is widely used. It weights deaths so that those occurring in the young are more heavily weighted than those in the elderly. It is calculated by subtracting the age of death from 65 years. Hence a death at the age of 1 year will have a weighting of 64 and a death at the age of 64 will have a weighting of 1. Deaths of those aged 65 or more have a weighting of 0 and are not considered in this index. The Medical Research Council has recommended the use of the PYLL in determining disease prevention priorities in South Africa (Bradshaw *et al.*, 1995).

4. RESULTS

The results are presented in a series of tables and maps.

Each of the tables (in a series for the country as a whole and for each of the new provinces) consists of the 56 causes of death according to the basic tabulation list of the ICD, which covers all causes of death, followed by a list of more detailed water related diseases for which mortality occurred in South Africa according to the detailed list of the ICD-9.

The first set of tables is for all ages.

Table 1.0 is for the whole of South Africa

Table 1.1	-	Western Cape
Table 1.2	-	Northern Cape
Table 1.3	-	North West
Table 1.4	-	Gauteng
Table 1.5	-	Free State
Table 1.6	-	Eastern Cape
Table 1.7	-	Kwazulu/Natal
Table 1.8	-	Mpumalanga
Table 1.9	-	Northern

The second set of tables, 2.0 to 2.9, is for the age group 0 to 5 years (birth to 5 years).

The third set of tables, 3.0 to 3.9, is for the age group 1 to 5 years. This excludes the first year of life so that childhood mortality may be clearly seen (as opposed to infant < 1 year and childhood 1 to 5 years together). Fuller detailed tables for each statistical region are available on floppy disc from the authors or the Computing Centre for Water Research, University of Natal.

The main results of the study are that significant overall mortality was found for the following diseases:

Intestinal infections	2.87% of all deaths
Accidental drowning	0.6% of all deaths
Viral Hepatitis	0.09% of all deaths
Malaria	0.03% of all deaths

The picture, however, changes markedly when the 5 year and under population is considered. Here intestinal infectious diseases accounted for 16.91% of all deaths. In the 1 to 5 year old age range this rises to 19.51% of deaths (Figure 1).

**Mortality 1990: Ages 1-5 years
Percentage of deaths**

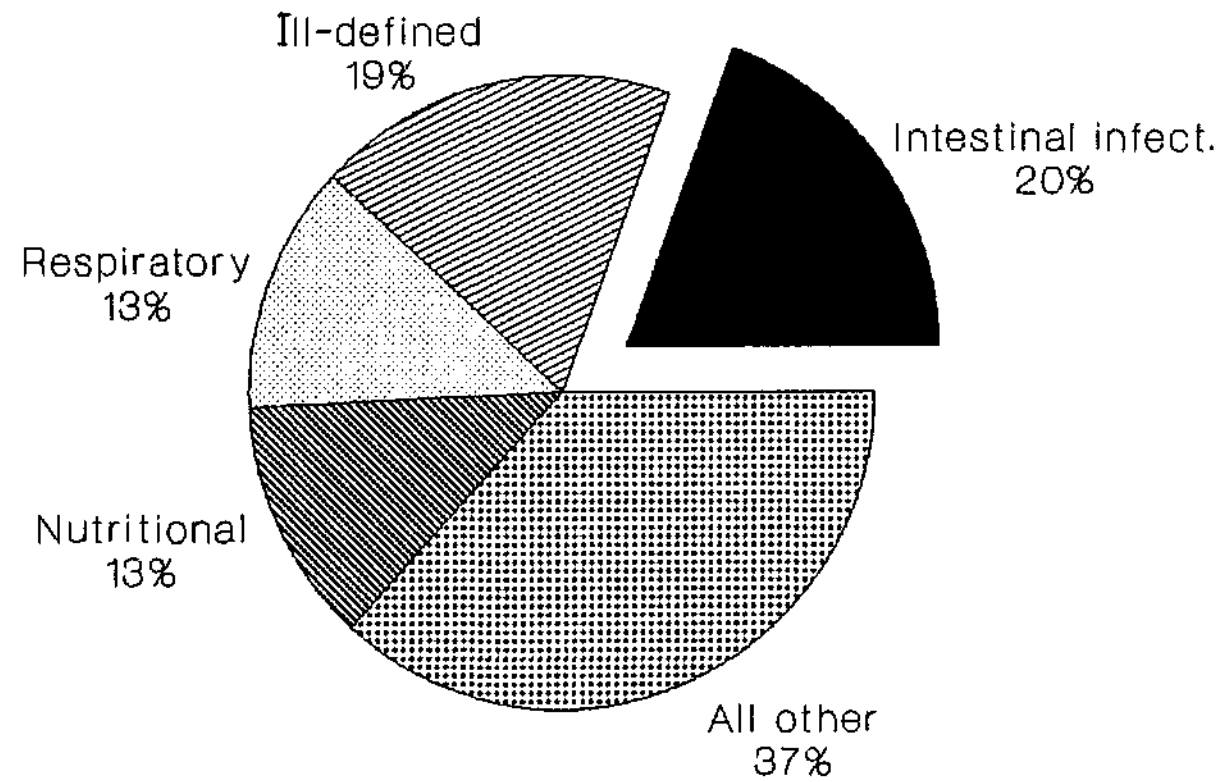


Figure 1

Because of uncertainty in the numbers and distribution of the population due to inaccuracies in the census rates have not been calculated. Another reason for not using rates in the analysis is that a census is only held once every 5 or 10 years, and population free methods of calculation are better for surveillance purposes during inter-censal years.

Accordingly the number and percentage of deaths and the number and percentage of potential years of life lost have been listed in each table.

5. CONCLUSIONS

The extremely high prevalence of mortality from infectious intestinal diseases (primarily consisting of diarrhoeal diseases) among children, particularly in the 1 to 5 year old range, is of great concern.

Primary prevention of diarrhoeal disease is based on interruption of the faecal-oral transmission of causative agents and requires behavioural and environmental interventions such as sanitary waste disposal, adequate clean domestic water supplies, refuse removal and improved personal and food hygiene. As many of these are objectives of the RDP, it is recommended that an interdisciplinary working group representing research councils in the medical and water fields as well as the government departments of Health and Water Affairs and the RDP office be established to see how best the problem can be addressed.

Other causes of mortality due to water related disease are not at this time of crisis proportions.

APPENDIX A. THE MAPS

A series of 8 maps is reproduced in colour to highlight the spatial relationships in the tables. The spatial unit in all these maps is the statistical region.

A.1 Malaria

The important characteristic here is the spatial distribution with the disease restricted to the North-East areas of the country. A few cases have occurred in the metropole area of Gauteng due to movement of infected people. A map of the numbers of deaths per statistical region is appropriate in this case (Map 1).

A.2 Drowning

Drownings occur throughout the country and are not concentrated on the coast. A large number take place in relatively arid areas. A map of the percentage of deaths due to drowning (ICD code E910) is appropriate (Map 2).

A.3 Ill-defined causes of death

A major problem in ascertaining the true incidence of any cause specific mortality is the number of deaths which have a poor or ill-defined cause of death. This is particularly true in many rural areas where often only natural causes are noted as a cause of death. Areas with high rates of ill-defined causes of death usually have poor health services. Also the true incidence (or ranking) of various cause specific deaths (including for example, intestinal infectious diseases) will be higher than reported, in areas of high ill-defined conditions, as some of these causes of death will be

misclassified into the ill-defined category. A map of the percentage of deaths due to ill-defined conditions is given (Map 3).

Ill-defined causes of death are high in the "homeland areas", particularly in the north, but also are surprisingly high in the Gauteng Province.

A.4 Intestinal Infectious Disease

This set of diseases of which ill-defined intestinal infections (diarrhoeal disease) form the vast bulk (95.25%) has proved to be the most important water related disease in South Africa. The exact numbers of deaths from diarrhoeal disease are given in the tables for ICD 009.

Five maps are presented in order to place the distribution of the disease in perspective.

Map 4.1 is a map of the ranking of intestinal infectious disease as a cause of death by statistical region as measured by potential years of life lost. It is to be seen that over many areas of the country, particularly in rural areas, it is the first or second ranked cause of death. This places it in perspective in terms of importance of all causes of death at all ages. The relatively low ranking of this disease in the north of the country is however not due to a low incidence of the disease, but due to misclassification because of the large number of ill-defined diseases.

When, however, only mortality among the young is considered, the picture becomes bleaker. Two further pairs of maps are presented. One pair is for the ages birth to 5 years (0-5 yrs), the other is for the ages 1 to 5 years. The reason for the distinction is that the age 0 to 5 includes both infant mortality (age < 1 year) and childhood mortality. The leading cause of death among infants is usually a vague catchall category "conditions originating in the perinatal period", which can often include diarrhoeal disease.

In the childhood age (1-5yrs) intestinal infectious disease ranks as the leading cause of death in most areas (Map 4.2) and when the infant and child ages are combined (0-5yrs) it ranks second in most areas (Map 4.4).

In order to obtain a quantitative (as opposed to an ordered) picture of the distribution of this cause of death, two further maps (4.3 and 4.5), plot the percentage of deaths for intestinal infectious diseases in each of the above age ranges.

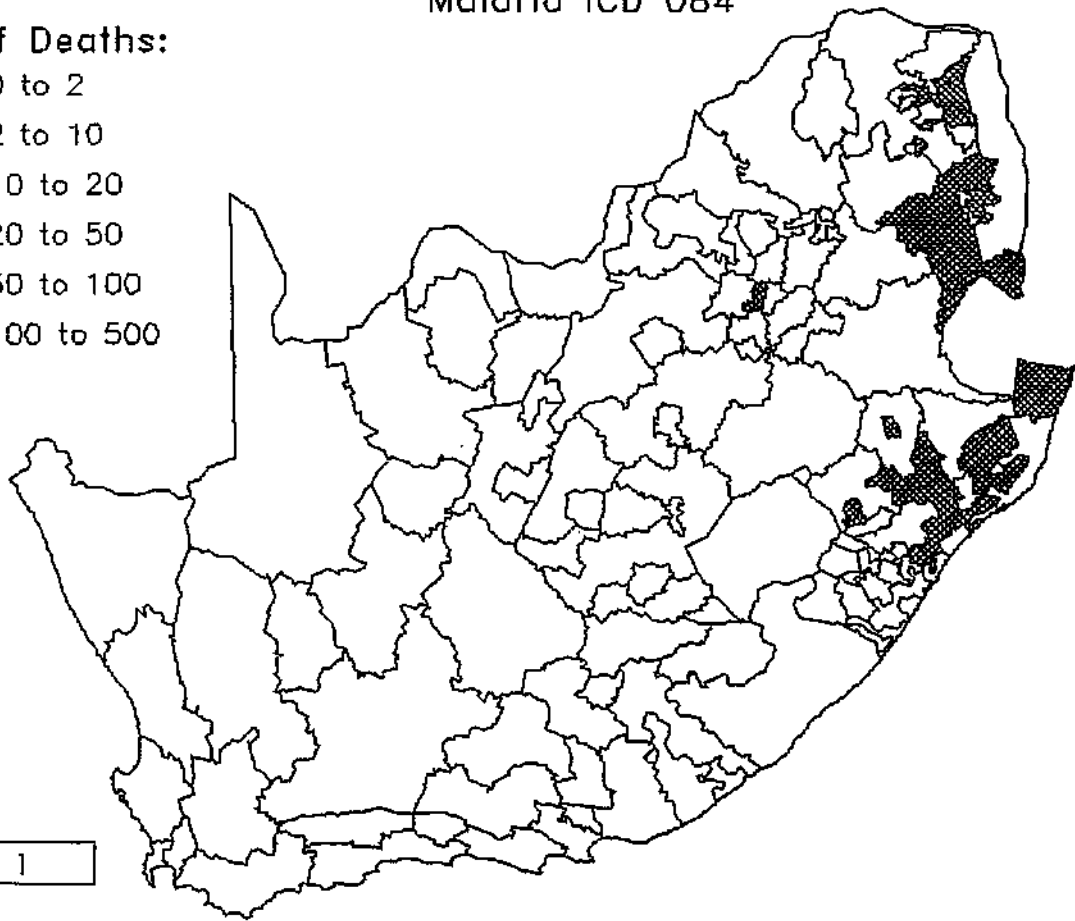
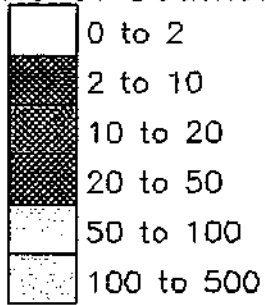
A.5 Viral Hepatitis

A single map (5) of the numbers of deaths indicate the range of this disease. Apart from the major metropolitan areas there is a consistent broad band running through the north west of the country and another band on the eastern seaboard. The reason for these bands is not clear.

Mortality 1990

Malaria ICD 084

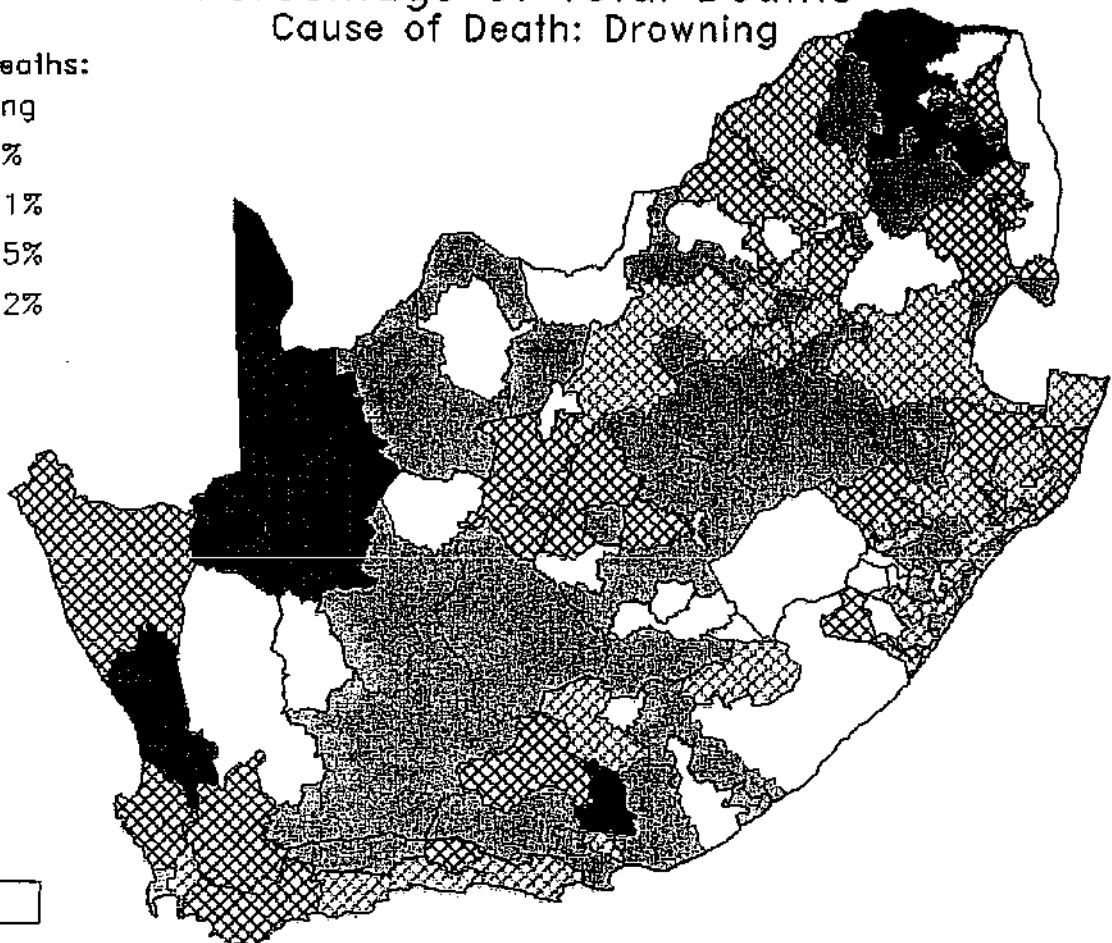
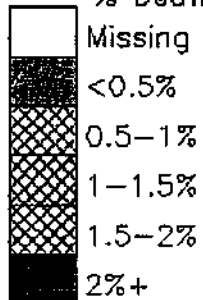
No of Deaths:



MAP 1

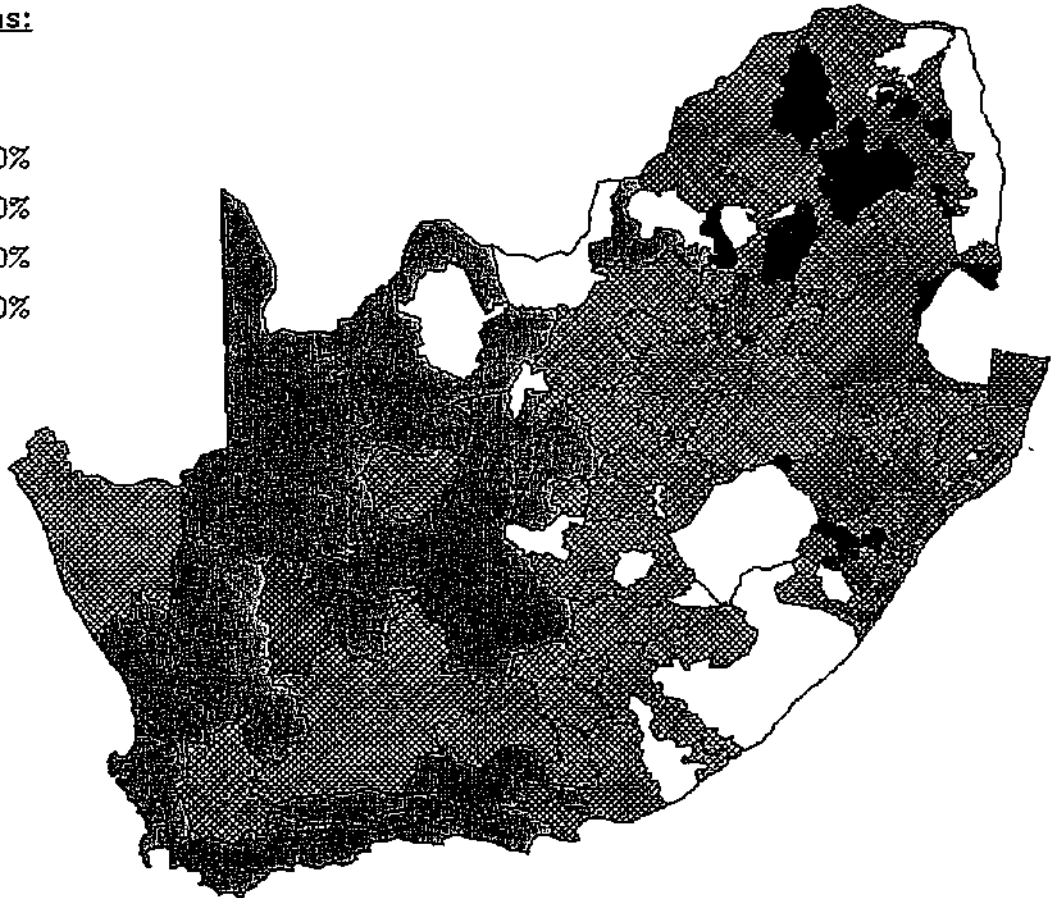
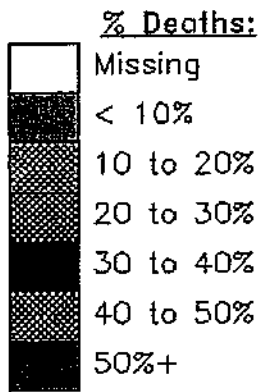
Percentage of Total Deaths Cause of Death: Drowning

% Deaths:



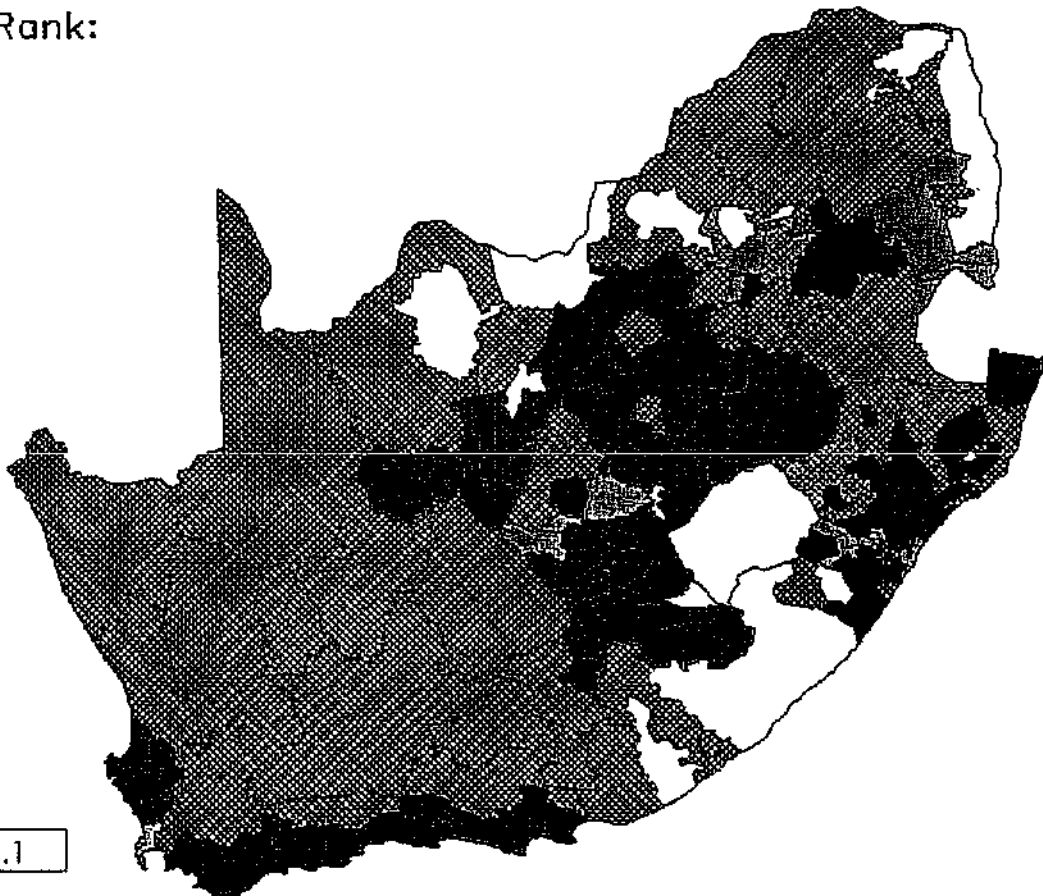
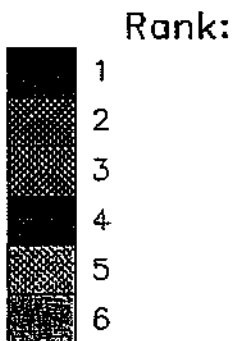
MAP 2

Percentage Deaths All Ages Ill-defined Cause of Death



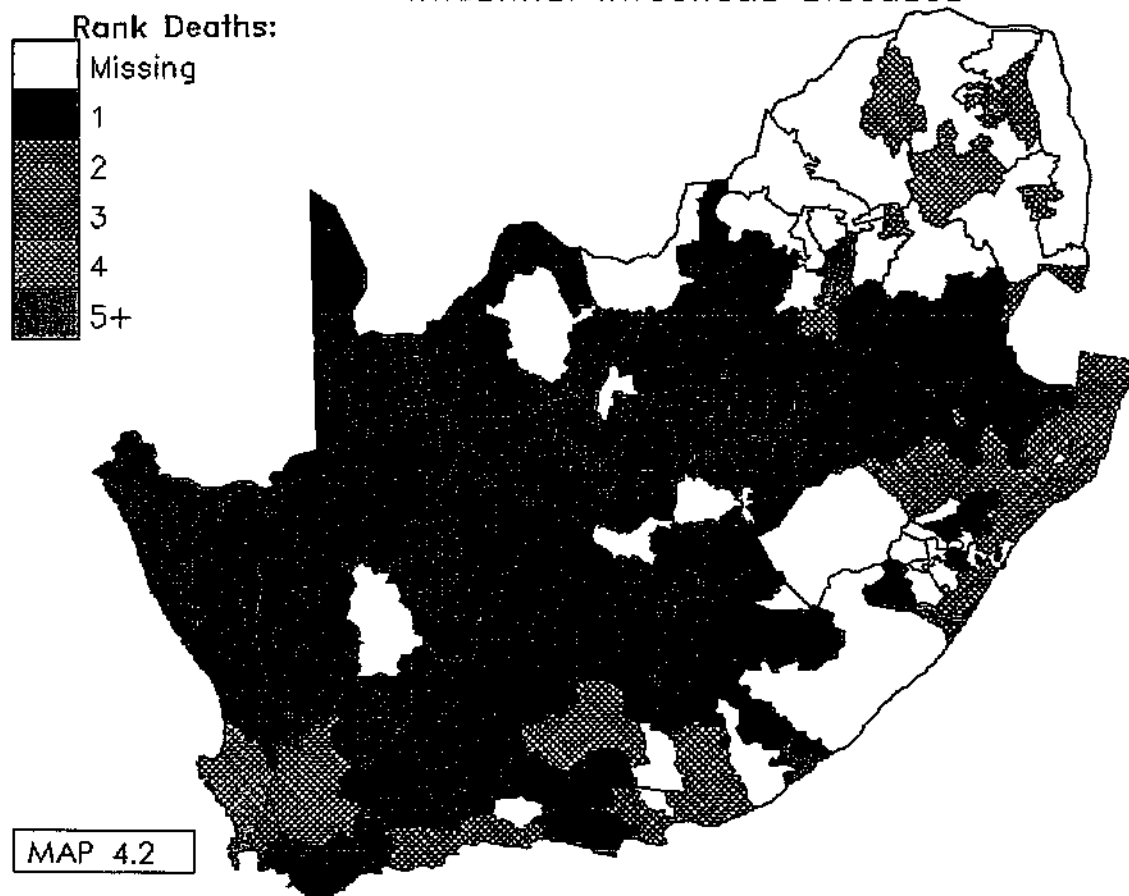
MAP 3

Ranking of Potential Years of Life Lost due to Natural Causes Intestinal Infectious Diseases

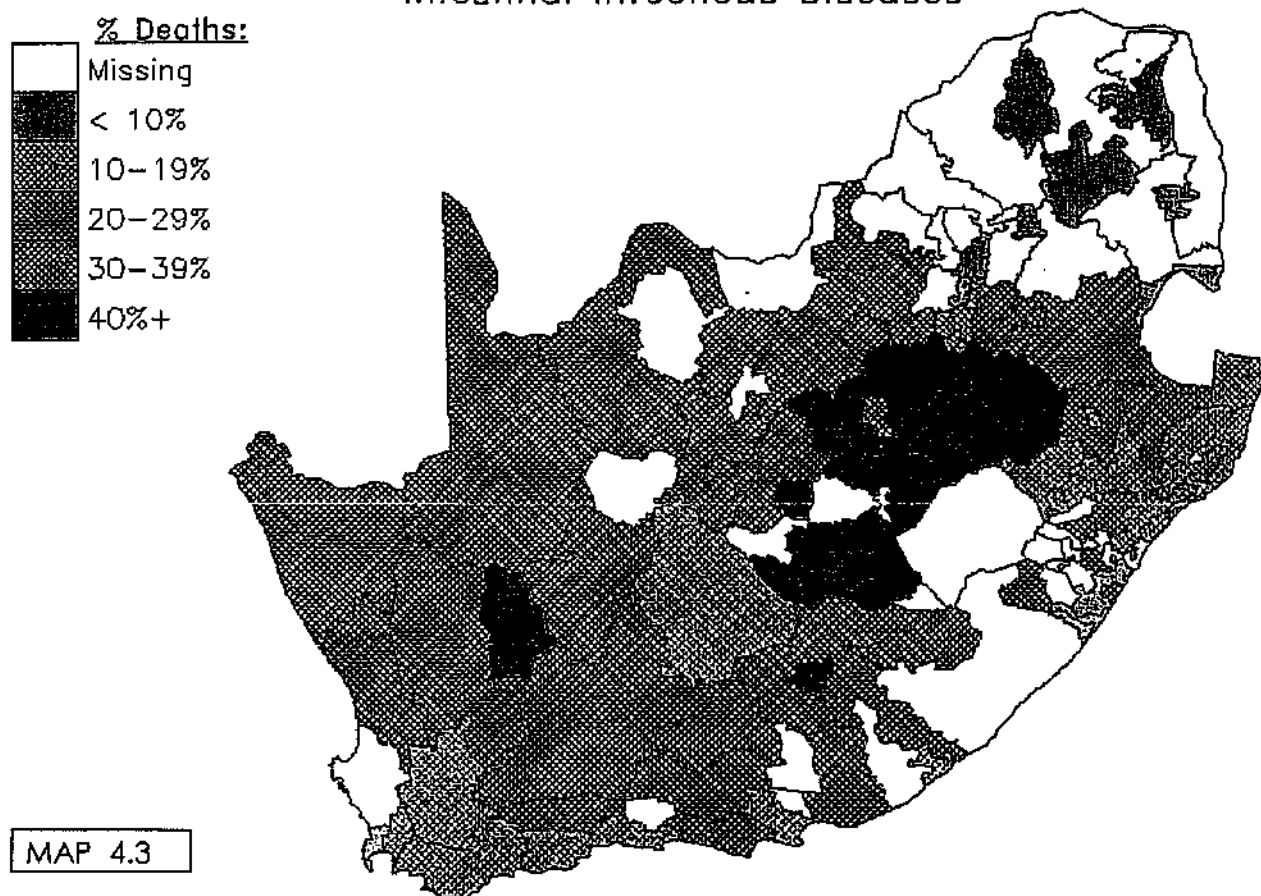


MAP 4.1

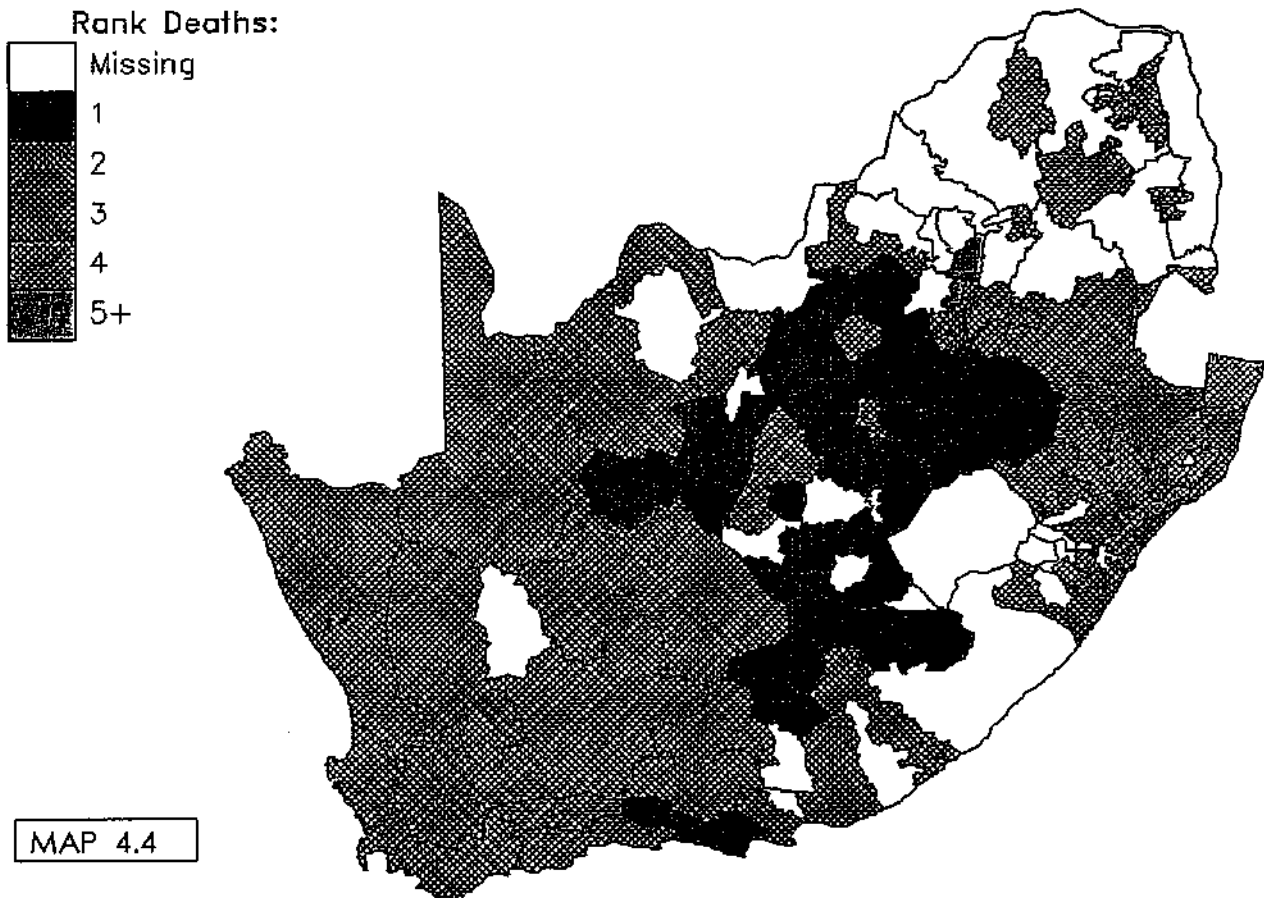
Rank of Cause of Death for ages 1 to 5 years Intestinal Infectious Diseases



Percentage Deaths aged 1–5 years Intestinal Infectious Diseases

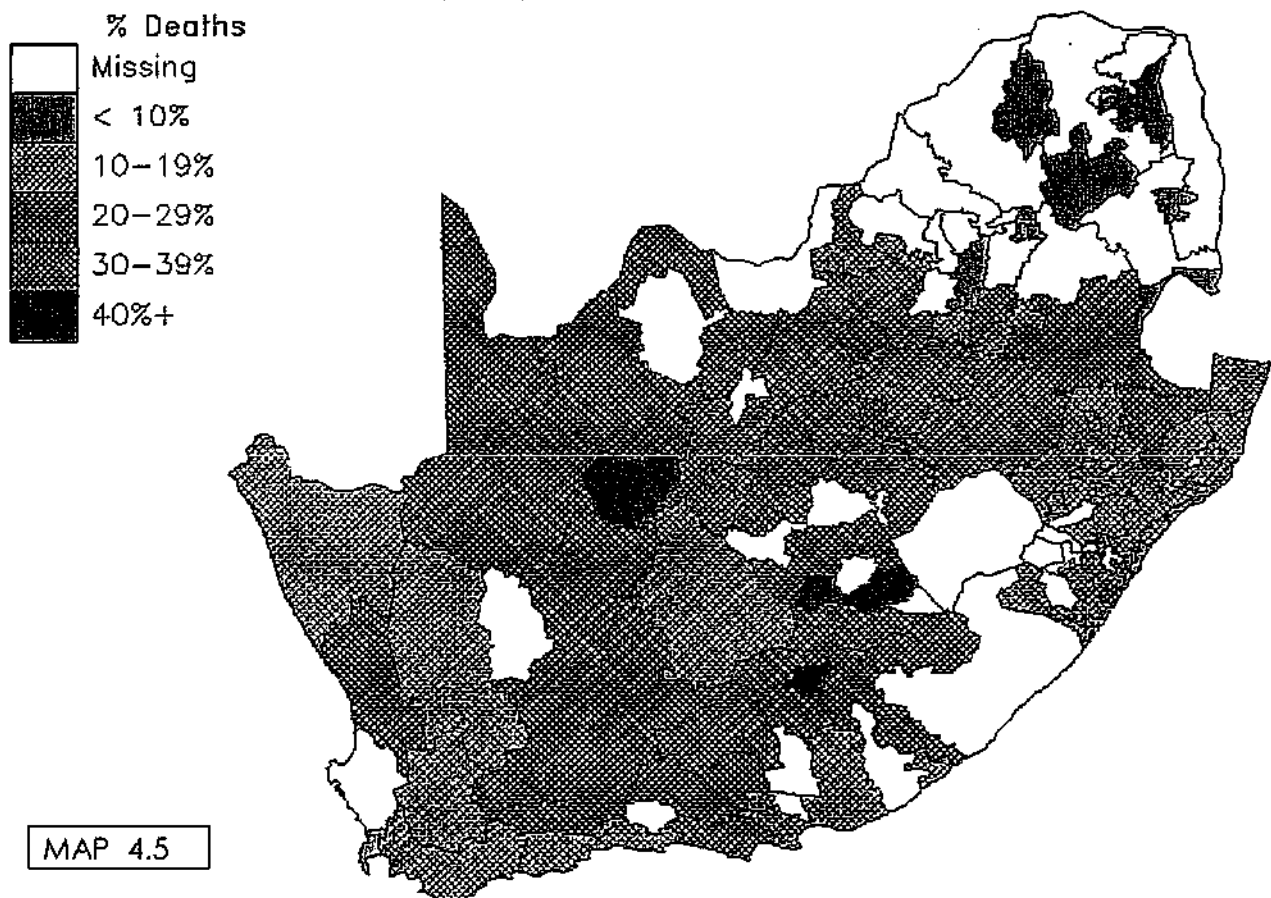


Rank of Cause of Death for ages Birth to 5 years Intestinal Infectious Diseases



MAP 4.4

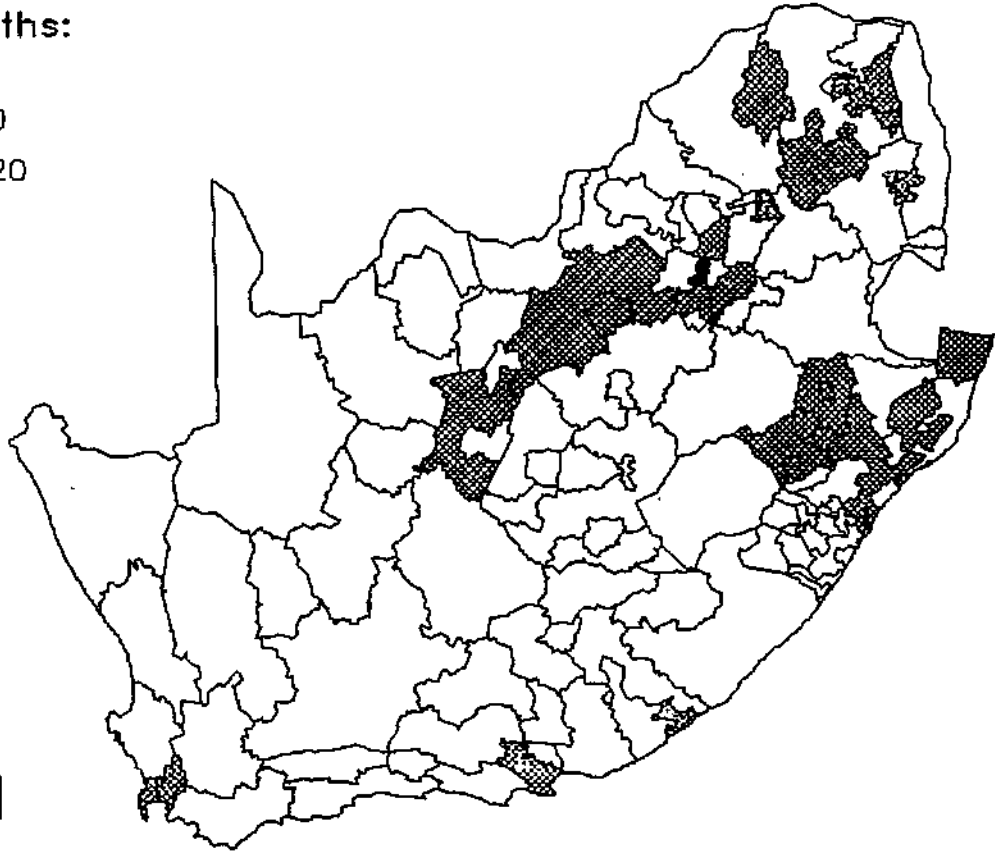
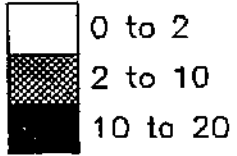
Percentage Deaths aged Birth to 5 years Intestinal Infectious Diseases



MAP 4.5

Mortality 1990
Viral Hepatitis ICD 070

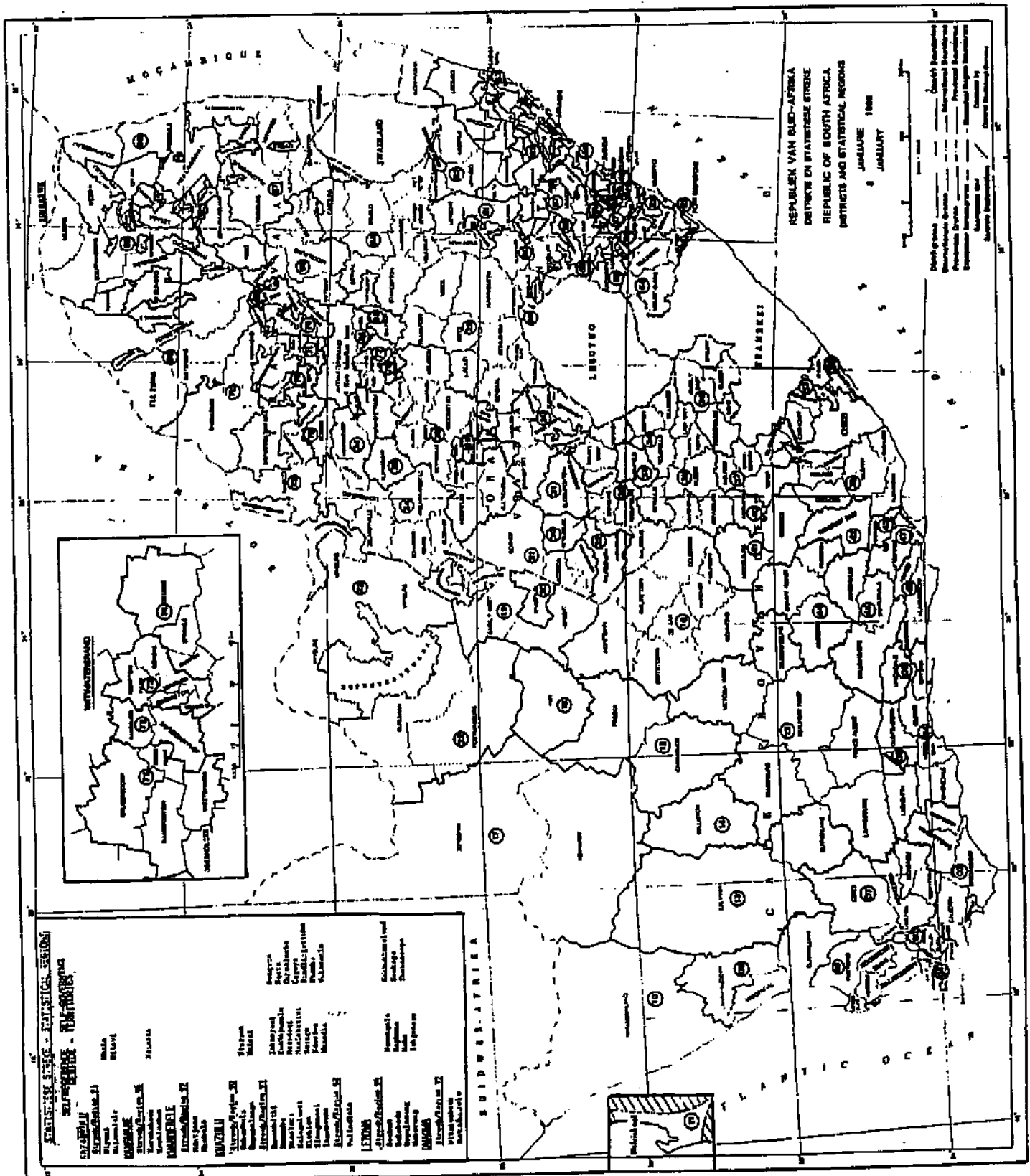
No of Deaths:



MAP 5

APPENDIX B. KEY MAP

Key Map of Statistical Regions 1990
(Source: Central Statistical Services)



APPENDIX C. TABLES

Table 1.0	Mortality 1990: All Ages: South Africa	18
Table 1.1	Mortality 1990: All Ages: Western Cape	19
Table 1.2	Mortality 1990: All Ages: Northern Cape	20
Table 1.3	Mortality 1990: All Ages: Northwest	21
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Table 1.0 Mortality 1990: All Ages: South Africa

RSA	1	DEATHS	% DEATHS	PYLL	% PYLL
BTI					
1	INTESTINAL INFECTIOUS DISEASES	4381.	2.95	236113.	8.27
2	TUBERCULOSIS	5323.	3.58	99461.	3.48
3	OTHER BACTERIAL DISEASES	2419.	1.63	52854.	1.85
4	VIRAL DISEASES	541.	0.36	27421.	0.96
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	48.	0.03	1323.	0.05
6	VENEREAL DISEASES	86.	0.06	4698.	0.16
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	181.	0.12	3073.	0.11
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	493.	0.33	3989.	0.14
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	5623.	3.78	41265.	1.45
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	3171.	2.13	19890.	0.70
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	1524.	1.03	15883.	0.56
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	2708.	1.82	20308.	0.71
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	1430.	0.96	15429.	0.54
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPGNETIC TISSUE	941.	0.63	13125.	0.46
15	BENIGN NEOPLASM	222.	0.15	3670.	0.13
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	13.	0.01	305.	0.01
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	4256.	2.86	31538.	1.10
19	NUTRITIONAL DEFICIENCIES	1351.	0.91	73748.	2.58
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	271.	0.18	5895.	0.21
21	MENTAL DISORDERS	263.	0.18	4326.	0.15
22	DISEASES OF THE NERVOUS SYSTEM	2374.	1.60	67734.	2.37
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	3.	0.00	137.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	306.	0.21	7822.	0.27
26	HYPERTENSIVE DISEASE	2034.	1.37	11425.	0.40
27	ISCHAEMIC HEART DISEASE	9158.	6.16	42933.	1.50
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	6904.	4.64	69963.	2.45
29	CEREBROVASCULAR DISEASE	10784.	7.25	68164.	2.39
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1042.	0.70	4432.	0.16
31	DISEASES OF THE UPPER RESPIRATORY TRACT	41.	0.03	2333.	0.08
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	13352.	8.98	217929.	7.64
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	1.	0.00	12.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	4283.	2.88	59720.	2.09
35	DISEASES OF URINARY SYSTEM	2165.	1.46	28205.	0.99
36	DISEASES OF MALE GENITAL ORGANS	11.	0.01	9.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	27.	0.02	783.	0.03
38	ABORTION	48.	0.03	1807.	0.06
39	DIRECT OBSTETRIC CAUSES	153.	0.10	5505.	0.19
40	INDIRECT OBSTETRIC CAUSES	8.	0.01	315.	0.01
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	257.	0.17	15238.	0.53
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	41.	0.03	396.	0.01
44	CONGENITAL ANOMALIES	820.	0.55	52377.	1.84
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7655.	5.15	497218.	17.42
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	32489.	21.85	406639.	14.25
47	TRANSPORT ACCIDENTS	4312.	2.90	138300.	4.85
48	ACCIDENTAL POISONING	254.	0.17	10717.	0.38
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	82.	0.06	1448.	0.05
50	ACCIDENTAL FALLS	577.	0.39	7194.	0.25
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	603.	0.41	19295.	0.68
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	1756.	1.18	65408.	2.29
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	14.	0.01	246.	0.01
54	SUICIDE AND SELF-INFLICTED INJURY	878.	0.59	23361.	0.82
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	4105.	2.76	135888.	4.76
56	OTHER VIOLENCE	6876.	4.63	216855.	7.60

RSA	1	DEATHS	% DEATHS	PYLL	% PYLL
1	ICD001 CHOLERA	2.	0.00	48.	0.00
2	ICD002 TYPHOID	76.	0.05	2293.	0.08
3	ICD004 SHIGELLOSIS	9.	0.01	303.	0.01
4	ICD005 BACTERIAL FOOD POISONING	2.	0.00	90.	0.00
5	ICD006 AMOEBIASIS	8.	0.01	69.	0.00
6	ICD007 PROTOZOAL INTESTIONAL INFECTIONS	2.	0.00	130.	0.00
7	ICD008 INTESTIONAL INFECTIONS	1.	0.00	36.	0.00
8	ICD009 ILL DEFINED INTESTIONAL INFECTIONS	4272.	2.87	232822.	8.16
9	ICD045 POLIOMYELITIS	5.	0.00	118.	0.00
10	ICD060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD061 DENGUE	0.	0.00	0.	0.00
12	ICD065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD070 VIRAL HEPATITIS	140.	0.09	4004.	0.14
14	ICD076 TRACHOMA	0.	0.00	0.	0.00
15	ICD077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD084 MALARIA	45.	0.03	1253.	0.04
17	ICD100 LEPTOSPIROSIS	3.	0.00	163.	0.01
18	ICD120 SCHISTOSOMIASIS	3.	0.00	70.	0.00
19	ICD123 CESTODE INFECTIONS	9.	0.01	311.	0.01
20	ICD126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD133 ACARIASIS	0.	0.00	0.	0.00
23	ICD482 BACTERIAL PNEUMONIA	108.	0.07	2597.	0.09
24	ICD558 NON INFECTIVE GASTROENTERITIS	71.	0.05	1994.	0.07
25	ICD910 ACCIDENTAL DROWNING AND SUBMERSION	897.	0.60	37460.	1.31

Table 1.1 Mortality 1990: All Ages: Western Cape

REGION 1		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	459.	1.79	25648.	6.02
2	TUBERCULOSIS	1081.	4.21	22195.	5.21
3	OTHER BACTERIAL DISEASES	579.	2.25	12028.	2.82
4	VIRAL DISEASES	36.	0.14	1550.	0.36
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	20.	0.08	1073.	0.25
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	71.	0.28	1266.	0.30
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	132.	0.51	944.	0.22
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	1419.	5.52	8728.	2.05
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	994.	3.87	6076.	1.43
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	403.	1.57	3860.	0.91
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	586.	2.28	3591.	0.84
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	367.	1.43	3185.	0.75
14	MALIGNANT NEOPLAS: OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	222.	0.86	2991.	0.70
15	BENIGN NEOPLASM	39.	0.15	499.	0.12
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	3.	0.01	97.	0.02
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	931.	3.62	5307.	1.25
19	NUTRITIONAL DEFICIENCIES	77.	0.30	4288.	1.01
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	36.	0.14	614.	0.14
21	MENTAL DISORDERS	54.	0.21	712.	0.17
22	DISEASES OF THE NERVOUS SYSTEM	436.	1.70	9978.	2.34
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	63.	0.25	1485.	0.35
26	HYPERTENSIVE DISEASE	371.	1.44	1675.	0.39
27	ISCHAEMIC HEART DISEASE	2943.	11.45	12335.	2.90
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	1208.	4.70	11257.	2.64
29	CEREBROVASCULAR DISEASE	2537.	9.87	12666.	2.97
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	312.	1.21	936.	0.22
31	DISEASES OF THE UPPER RESPIRATORY TRACT	5.	0.02	229.	0.05
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	2438.	9.49	34403.	8.08
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	633.	2.46	7878.	1.85
35	DISEASES OF URINARY SYSTEM	364.	1.42	4082.	0.96
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	4.	0.02	133.	0.03
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	11.	0.04	367.	0.09
40	INDIRECT OBSTETRIC CAUSES	1.	0.00	43.	0.01
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	145.	0.56	9124.	2.14
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	9.	0.04	147.	0.03
44	CONGENITAL ANOMALIES	194.	0.75	12312.	2.89
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1174.	4.57	76307.	17.91
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	2325.	9.05	26158.	6.14
47	TRANSPORT ACCIDENTS	990.	3.85	33649.	7.90
48	ACCIDENTAL POISONING	24.	0.09	850.	0.20
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	9.	0.04	159.	0.04
50	ACCIDENTAL FALLS	116.	0.45	1312.	0.31
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	77.	0.30	2436.	0.57
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	323.	1.26	12063.	2.83
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	5.	0.02	69.	0.02
54	SUICIDE AND SELF-INFLICTED INJURY	110.	0.43	3062.	0.72
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	1013.	3.94	34820.	8.17
56	OTHER VIOLENCE	353.	1.37	11369.	2.67

REGION 1		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	1.	0.00	0.	0.00
2	ICD 002 TYPHOID	2.	0.01	34.	0.01
3	ICD 004 SHIGELLOSIS	1.	0.00	65.	0.02
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	1.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	454.	1.77	25549.	6.00
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	12.	0.05	356.	0.08
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	2.	0.01	130.	0.03
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	3.	0.01	125.	0.03
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	30.	0.12	715.	0.17
24	ICD 558 NON INFECTIVE GASTROENTERITIS	7.	0.03	280.	0.07
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	192.	0.75	7833.	1.84

Table 1.2 Mortality 1990: All Ages: Northern Cape

REGION 2	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTestinal infectious diseases	377.	6.00	21268.	15.49
2 TUBERCULOSIS	334.	5.32	6878.	5.01
3 OTHER BACTERIAL DISEASES	94.	1.50	2304.	1.68
4 VIRAL DISEASES	19.	0.30	780.	0.57
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6 VENEREAL DISEASES	6.	0.10	340.	0.25
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	12.	0.19	161.	0.12
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	30.	0.48	239.	0.17
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	273.	4.35	2127.	1.55
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	143.	2.28	1122.	0.82
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	52.	0.83	534.	0.39
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	140.	2.23	1175.	0.86
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	44.	0.70	501.	0.37
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	30.	0.48	288.	0.21
15 BENIGN NEOPLASM	13.	0.21	239.	0.17
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	159.	2.53	1557.	1.13
19 NUTRITIONAL DEFICIENCIES	98.	1.56	5292.	3.86
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	12.	0.19	344.	0.25
21 MENTAL DISORDERS	11.	0.18	245.	0.18
22 DISEASES OF THE NERVOUS SYSTEM	129.	2.05	4123.	3.00
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	1.	0.02	58.	0.04
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	15.	0.24	469.	0.34
26 HYPERTENSIVE DISEASE	135.	2.15	683.	0.50
27 ISCHAEMIC HEART DISEASE	440.	7.00	2402.	1.75
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	241.	3.84	2205.	1.61
29 CEREBROVASCULAR DISEASE	582.	9.26	3806.	2.77
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	49.	0.78	265.	0.19
31 DISEASES OF THE UPPER RESPIRATORY TRACT	4.	0.06	221.	0.16
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	893.	14.22	17004.	12.39
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	163.	2.59	2419.	1.76
35 DISEASES OF URINARY SYSTEM	96.	1.53	1541.	1.12
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	6.	0.10	220.	0.16
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORAML DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	13.	0.21	845.	0.62
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	3.	0.05	39.	0.03
44 CONGENITAL ANOMALIES	40.	0.64	2544.	1.85
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	394.	6.27	25610.	18.66
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	514.	8.18	3577.	2.61
47 TRANSPORT ACCIDENTS	151.	2.40	5035.	3.67
48 ACCIDENTAL POISONING	8.	0.13	412.	0.30
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	3.	0.05	110.	0.08
50 ACCIDENTAL FALLS	30.	0.48	392.	0.29
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	16.	0.25	354.	0.26
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	132.	2.10	5164.	3.76
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	32.	0.51	887.	0.65
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	208.	3.31	7143.	5.20
56 OTHER VIOLENCE	137.	2.18	4337.	3.16

REGION 2	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	0.	0.00	0.	0.00
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	377.	6.00	21268.	15.49
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	9.	0.14	301.	0.22
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	0.	0.00	0.	0.00
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	5.	0.08	184.	0.13
24 ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	71.	1.13	2760.	2.01

Table 1.3 Mortality 1990: All Ages: Northwest

REGION 3				
BTL		DEATHS	% DEATHS	PYLL
1	INTESTINAL INFECTIOUS DISEASES	414.	6.18	23861.
2	TUBERCULOSIS	322.	4.81	6057.
3	OTHER BACTERIAL DISEASES	119.	1.78	3551.
4	VIRAL DISEASES	90.	1.34	5047.
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	1.	0.01	33.
6	VENEREAL DISEASES	3.	0.04	195.
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	6.	0.09	126.
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	18.	0.27	172.
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	243.	3.63	1683.
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	115.	1.72	752.
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	58.	0.87	538.
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	136.	2.03	1118.
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	41.	0.61	500.
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	47.	0.70	838.
15	BENIGN NEOPLASM	12.	0.18	269.
16	CARCINOMA IN SITU	0.	0.00	0.
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	186.	2.78	2088.
19	NUTRITIONAL DEFICIENCIES	109.	1.63	5754.
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	30.	0.45	670.
21	MENTAL DISORDERS	12.	0.18	208.
22	DISEASES OF THE NERVOUS SYSTEM	158.	2.36	5635.
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.
24	DISEASES OF THE EAR AND MASTOID PROCESS	1.	0.01	29.
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	20.	0.30	512.
26	HYPERTENSIVE DISEASE	148.	2.21	845.
27	ISCHAEMIC HEART DISEASE	424.	6.33	2433.
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	372.	5.55	4031.
29	CEREBROVASCULAR DISEASE	495.	7.39	3568.
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	53.	0.79	116.
31	DISEASES OF THE UPPER RESPIRATORY TRACT	2.	0.03	128.
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	746.	11.13	16409.
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	244.	3.64	3677.
35	DISEASES OF URINARY SYSTEM	152.	2.27	1979.
36	DISEASES OF MALE GENITAL ORGANS	1.	0.01	0.
37	DISEASES OF FEMALE GENITAL ORGANS	3.	0.04	100.
38	ABORTION	6.	0.06	154.
39	DIRECT OBSTETRIC CAUSES	17.	0.25	595.
40	INDIRECT OBSTETRIC CAUSES	1.	0.01	39.
41	NORMAL DELIVERY	0.	0.00	0.
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	11.	0.16	608.
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.
44	CONGENITAL ANOMALIES	33.	0.49	2113.
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	424.	6.33	27509.
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	797.	11.90	7893.
47	TRANSPORT ACCIDENTS	183.	2.73	5489.
48	ACCIDENTAL POISONING	7.	0.10	300.
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	5.	0.07	91.
50	ACCIDENTAL FALLS	17.	0.25	136.
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	16.	0.24	346.
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	80.	1.19	3073.
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	1.	0.01	41.
54	SUICIDE AND SELF-INFLICTED INJURY	51.	0.76	1239.
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	62.	0.93	2175.
56	OTHER VIOLENCE	210.	3.13	6201.

REGION 3				
		DEATHS	% DEATHS	PYLL
1	ICD 001 CHOLERA	0.	0.00	0.
2	ICD 002 TYPHOID	2.	0.03	90.
3	ICD 004 SHIGELLOSIS	0.	0.00	0.
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.
5	ICD 006 AMOEBIASIS	0.	0.00	0.
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	409.	6.10	23648.
9	ICD 045 POLIOMYELITIS	0.	0.00	0.
10	ICD 060 YELLOW FEVER	0.	0.00	0.
11	ICD 061 DENGUE	0.	0.00	0.
12	ICD 065 ARTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.
13	ICD 070 VIRAL HEPATITIS	15.	0.22	367.
14	ICD 076 TRACHOMA	0.	0.00	0.
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.
16	ICD 084 MALARIA	1.	0.01	33.
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.
19	ICD 123 CESTODE INFECTIONS	1.	0.01	61.
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.
22	ICD 133 ACARIASIS	0.	0.00	0.
23	ICD 482 BACTERIAL PNEUMONIA	3.	0.04	120.
24	ICD 558 NON INFECTIVE GASTROENTERITIS	4.	0.06	60.
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	40.	0.60	1787.

Table 1.4 Mortality 1990: All Ages: Gauteng

REGION 4	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTESTINAL INFECTIOUS DISEASES	490.	1.32	24326.	3.54
2 TUBERCULOSIS	864.	2.32	16257.	2.37
3 OTHER BACTERIAL DISEASES	682.	1.84	12551.	1.83
4 VIRAL DISEASES	95.	0.26	4089.	0.60
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	9.	0.02	197.	0.03
6 VENEREAL DISEASES	18.	0.05	1022.	0.15
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	33.	0.09	547.	0.08
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	91.	0.24	871.	0.13
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	1339.	3.60	9152.	1.33
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	749.	2.02	4706.	0.69
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	434.	1.17	4997.	0.73
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	731.	1.97	5247.	0.76
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	414.	1.11	4611.	0.67
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	304.	0.82	4168.	0.61
15 BENIGN NEOPLASM	60.	0.16	1135.	0.17
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	1.	0.00	19.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	1146.	3.08	7474.	1.09
19 NUTRITIONAL DEFICIENCIES	200.	0.54	9813.	1.43
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	78.	0.21	1676.	0.24
21 MENTAL DISORDERS	75.	0.20	1222.	0.18
22 DISEASES OF THE NERVOUS SYSTEM	572.	1.54	14369.	2.09
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	73.	0.20	1603.	0.23
26 HYPERTENSIVE DISEASE	453.	1.22	2933.	0.43
27 ISCHAEMIC HEART DISEASE	2099.	5.65	9528.	1.39
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	1996.	5.37	18532.	2.71
29 CEREBROVASCULAR DISEASE	2499.	6.72	17476.	2.55
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	261.	0.70	1511.	0.22
31 DISEASES OF THE UPPER RESPIRATORY TRACT	8.	0.02	451.	0.07
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	3057.	8.23	39734.	5.79
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	1200.	3.23	15399.	2.24
35 DISEASES OF URINARY SYSTEM	538.	1.45	6273.	0.91
36 DISEASES OF MALE GENITAL ORGANS	3.	0.01	2.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	11.	0.03	368.	0.05
38 ABORTION	20.	0.05	748.	0.11
39 DIRECT OBSTETRIC CAUSES	27.	0.07	982.	0.14
40 INDIRECT OBSTETRIC CAUSES	1.	0.00	38.	0.01
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	31.	0.08	1556.	0.23
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	14.	0.04	100.	0.01
44 CONGENITAL ANOMALIES	225.	0.61	14387.	2.10
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1952.	5.25	126712.	18.46
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	8770.	23.60	126003.	18.36
47 TRANSPORT ACCIDENTS	1290.	3.47	40614.	5.92
48 ACCIDENTAL POISONING	57.	0.15	1961.	0.29
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	26.	0.07	422.	0.06
50 ACCIDENTAL FALLS	155.	0.42	1643.	0.24
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	155.	0.42	5433.	0.79
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	313.	0.84	11638.	1.70
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	3.	0.01	3.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	315.	0.85	8266.	1.20
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	1115.	3.00	36740.	5.35
56 OTHER VIOLENCE	2114.	5.69	66771.	9.73

REGION 4	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	8.	0.02	324.	0.05
3 ICD 004 SHIGELLOSIS	2.	0.01	109.	0.02
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	2.	0.01	34.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	1.	0.00	65.	0.01
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	474.	1.28	23676.	3.45
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	31.	0.08	778.	0.11
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	8.	0.02	192.	0.03
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	2.	0.01	48.	0.01
19 ICD 123 CESTODE INFECTIONS	4.	0.01	75.	0.01
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	30.	0.08	454.	0.07
24 ICD 558 NON INFECTIVE GASTROENTERITIS	17.	0.05	273.	0.04
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	146.	0.39	6083.	0.89

Table 1.5 Mortality 1990: All Ages: Free State

REGION	5				
BTI		DEATHS	% DEATHS	PYLL	% PYLL
1	INTESTINAL INFECTIOUS DISEASES	1102.	8.09	62487.	19.74
2	TUBERCULOSIS	621.	4.56	11298.	3.57
3	OTHER BACTERIAL DISEASES	185.	1.36	4509.	1.42
4	VIRAL DISEASES	45.	0.33	2185.	0.69
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	1.	0.01	0.	0.00
6	VENEREAL DISEASES	8.	0.06	519.	0.16
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	9.	0.07	258.	0.08
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	28.	0.21	225.	0.07
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	412.	3.03	3650.	1.15
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	153.	1.12	1239.	0.39
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	95.	0.70	994.	0.31
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	228.	1.67	1969.	0.62
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	86.	0.63	1251.	0.40
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	50.	0.37	791.	0.25
15	BENIGN NEOPLASM	21.	0.15	365.	0.12
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	2.	0.01	17.	0.01
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	319.	2.34	2898.	0.92
19	NUTRITIONAL DEFICIENCIES	273.	2.00	15347.	4.85
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	24.	0.18	620.	0.20
21	MENTAL DISORDERS	27.	0.20	504.	0.16
22	DISEASES OF THE NERVOUS SYSTEM	250.	1.84	8215.	2.59
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	25.	0.18	721.	0.23
26	HYPERTENSIVE DISEASE	356.	2.61	1618.	0.51
27	ISCHAEMIC HEART DISEASE	481.	3.53	2876.	0.91
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	588.	4.32	6299.	1.99
29	CEREBROVASCULAR DISEASE	1120.	8.23	7464.	2.36
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	57.	0.42	311.	0.10
31	DISEASES OF THE UPPER RESPIRATORY TRACT	13.	0.10	807.	0.25
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1600.	11.75	32831.	10.37
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	401.	2.94	5770.	1.82
35	DISEASES OF URINARY SYSTEM	204.	1.50	3018.	0.95
36	DISEASES OF MALE GENITAL ORGANS	2.	0.01	6.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	1.	0.01	48.	0.02
38	ABORTION	5.	0.04	179.	0.06
39	DIRECT OBSTETRIC CAUSES	29.	0.21	1031.	0.33
40	INDIRECT OBSTETRIC CAUSES	3.	0.02	126.	0.04
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	12.	0.09	715.	0.23
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1.	0.01	0.	0.00
44	CONGENITAL ANOMALIES	58.	0.43	3727.	1.18
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	904.	6.64	58677.	18.53
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	2424.	17.80	28198.	8.91
47	TRANSPORT ACCIDENTS	410.	3.01	11812.	3.73
48	ACCIDENTAL POISONING	27.	0.20	1382.	0.44
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	7.	0.05	121.	0.04
50	ACCIDENTAL FALLS	47.	0.35	659.	0.21
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	49.	0.36	1401.	0.44
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	189.	1.39	6700.	2.12
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	102.	0.75	2766.	0.87
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	254.	1.87	8064.	2.55
56	OTHER VIOLENCE	309.	2.27	9950.	3.14

REGION	5				
		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	3.	0.02	96.	0.03
3	ICD 004 SHIGELLOSIS	2.	0.01	65.	0.02
4	ICD 005 BACTERIAL FOOD POISONING	1.	0.01	29.	0.01
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	1.	0.01	65.	0.02
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	1092.	8.02	62151.	19.63
9	ICD 045 POLIOMYELITIS	4.	0.03	118.	0.04
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	12.	0.09	314.	0.10
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	1.	0.01	33.	0.01
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	10.	0.07	362.	0.11
24	ICD 558 NON INFECTIVE GASTROENTERITIS	8.	0.06	37.	0.01
25	ICD 8910 ACCIDENTAL DROWNING AND SUBMERSION	66.	0.48	3018.	0.95

Table 1.6 Mortality 1990: All Ages: Eastern Cape

REGION 6		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	536.	3.55	29408.	10.43
2	TUBERCULOSIS	880.	5.82	15307.	5.43
3	OTHER BACTERIAL DISEASES	251.	1.66	6490.	2.30
4	VIRAL DISEASES	71.	0.47	3868.	1.37
5	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	14.	0.09	771.	0.27
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	31.	0.21	441.	0.16
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	85.	0.56	631.	0.22
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	684.	4.53	5235.	1.86
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	437.	2.89	2782.	0.99
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	175.	1.16	1868.	0.66
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	275.	1.82	1774.	0.63
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	175.	1.16	1994.	0.71
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	116.	0.77	1385.	0.49
15	BENIGN NEOPLASM	15.	0.10	254.	0.09
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	419.	2.77	2706.	0.96
19	NUTRITIONAL DEFICIENCIES	176.	1.16	10473.	3.72
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	18.	0.12	430.	0.15
21	MENTAL DISORDERS	22.	0.15	394.	0.14
22	DISEASES OF THE NERVOUS SYSTEM	300.	1.98	9028.	3.20
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	1.	0.01	50.	0.02
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	36.	0.24	925.	0.33
26	HYPERTENSIVE DISEASE	183.	1.21	1105.	0.39
27	ISCHAEMIC HEART DISEASE	1023.	6.77	4253.	1.51
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	777.	5.14	8060.	2.86
29	CEREBROVASCULAR DISEASE	1236.	8.18	6968.	2.47
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	85.	0.55	230.	0.08
31	DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1581.	10.46	23143.	8.21
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	1.	0.01	12.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	383.	2.53	5316.	1.89
35	DISEASES OF URINARY SYSTEM	220.	1.46	3156.	1.12
36	DISEASES OF MALE GENITAL ORGANS	1.	0.01	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	2.	0.01	30.	0.01
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	14.	0.09	516.	0.18
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	MORAL DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	23.	0.15	1263.	0.45
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	3.	0.02	4.	0.00
44	CONGENITAL ANOMALIES	80.	0.53	5112.	1.81
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	977.	6.46	63505.	22.53
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	2769.	18.32	30663.	10.67
47	TRANSPORT ACCIDENTS	216.	1.43	7426.	2.63
48	ACCIDENTAL POISONING	14.	0.09	531.	0.19
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	6.	0.04	99.	0.04
50	ACCIDENTAL FALLS	51.	0.34	190.	0.07
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	48.	0.32	1470.	0.52
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	150.	0.99	5398.	1.92
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	59.	0.39	1536.	0.54
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	285.	1.89	9572.	3.40
56	OTHER VIOLENCE	214.	1.42	6674.	2.37

REGION 6		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	2.	0.01	25.	0.01
3	ICD 004 SHIGELLOSIS	1.	0.01	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	1.	0.01	61.	0.02
5	ICD 006 AMOEBIASIS	1.	0.01	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	531.	3.51	29322.	10.40
9	ICD 045 POLIOMYELITIS	1.	0.01	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRHAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	20.	0.13	800.	0.28
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	1.	0.01	50.	0.02
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	2.	0.01	65.	0.02
24	ICD 558 NON INFECTIVE GASTROENTERITIS	5.	0.03	151.	0.05
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	74.	0.49	2875.	1.02

Table 1.7 Mortality 1990: All Ages: Kwazulu/Natal

REGION 7		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	586.	2.22	29473.	5.44
2	TUBERCULOSIS	702.	2.66	13462.	2.48
3	OTHER BACTERIAL DISEASES	326.	1.23	7322.	1.35
4	VIRAL DISEASES	155.	0.59	8741.	1.61
5	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	9.	0.03	239.	0.04
6	VENEREAL DISEASES	8.	0.03	455.	0.08
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	13.	0.05	230.	0.04
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	78.	0.30	711.	0.13
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	791.	2.99	6205.	1.14
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	429.	1.62	2256.	0.42
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	204.	0.77	1812.	0.33
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	393.	1.49	3196.	0.59
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	206.	0.78	2066.	0.38
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	128.	0.48	1929.	0.36
15	BENIGN NEOPLASM	43.	0.16	562.	0.10
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	6.	0.02	161.	0.03
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	735.	2.78	5911.	1.09
19	NUTRITIONAL DEFICIENCIES	274.	1.04	15221.	2.81
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	38.	0.14	711.	0.13
21	MENTAL DISORDERS	35.	0.13	540.	0.10
22	DISEASES OF THE NERVOUS SYSTEM	353.	1.34	11084.	2.04
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	53.	0.20	1475.	0.27
27	ISCHAEMIC HEART DISEASE	259.	0.98	1736.	0.32
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	1429.	5.41	7117.	1.31
29	CEREBROVASCULAR DISEASE	1124.	4.25	12913.	2.38
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1472.	5.57	9045.	1.67
31	DISEASES OF THE UPPER RESPIRATORY TRACT	167.	0.63	575.	0.11
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	6.	0.02	307.	0.06
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	2059.	7.79	35312.	6.51
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	0.	0.00	0.	0.00
35	DISEASES OF URINARY SYSTEM	750.	2.84	11203.	2.07
36	DISEASES OF MALE GENITAL ORGANS	388.	1.47	5253.	0.97
37	DISEASES OF FEMALE GENITAL ORGANS	1.	0.00	0.	0.00
38	ABORTION	2.	0.01	0.	0.00
39	DIRECT OBSTETRIC CAUSES	9.	0.03	353.	0.07
40	INDIRECT OBSTETRIC CAUSES	26.	0.10	959.	0.18
41	NORAML DELIVERY	1.	0.00	42.	0.01
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	17.	0.06	834.	0.15
44	CONGENITAL ANOMALIES	9.	0.03	89.	0.02
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	140.	0.53	8967.	1.65
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	1263.	4.78	82044.	15.14
47	TRANSPORT ACCIDENTS	6577.	24.89	85044.	15.69
48	ACCIDENTAL POISONING	567.	2.15	18172.	3.35
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	50.	0.19	2352.	0.43
50	ACCIDENTAL FALLS	18.	0.07	368.	0.07
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	104.	0.39	1836.	0.34
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	144.	0.54	5171.	0.95
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	338.	1.28	12963.	2.39
54	SUICIDE AND SELF-INFLICTED INJURY	2.	0.01	85.	0.02
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	106.	0.40	2800.	0.52
56	OTHER VIOLENCE	987.	3.73	31854.	5.88
		2847.	10.77	90873.	16.77

REGION 7		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	1.	0.00	48.	0.01
2	ICD 002 TYPHOID	23.	0.09	672.	0.12
3	ICD 004 SHIGELLOSIS	3.	0.01	64.	0.01
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	4.	0.02	35.	0.01
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	1.	0.00	36.	0.01
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	554.	2.10	28618.	5.28
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	27.	0.10	841.	0.16
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	9.	0.03	239.	0.04
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	21.	0.08	554.	0.10
24	ICD 558 NON INFECTIVE GASTROENTERITIS	19.	0.07	861.	0.16
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	195.	0.74	8261.	1.52

Table 1.8 Mortality 1990: All Ages: Mpumalanga

REGION 8	DEATHS	% DEATHS	PYLL	% PYLL
B7L				
1 INTESTINAL INFECTIOUS DISEASES	274.	3.45	14216.	8.58
2 TUBERCULOSIS	255.	3.21	4908.	2.96
3 OTHER BACTERIAL DISEASES	85.	1.07	2129.	1.29
4 VIRAL DISEASES	18.	0.23	835.	0.50
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	13.	0.16	487.	0.29
6 VENEREAL DISEASES	4.	0.05	144.	0.09
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	4.	0.05	15.	0.01
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	16.	0.20	120.	0.07
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	228.	2.87	2460.	1.48
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	79.	0.99	503.	0.30
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	58.	0.73	753.	0.45
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	109.	1.37	1301.	0.79
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	48.	0.60	755.	0.46
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	28.	0.35	394.	0.24
15 BENIGN NEOPLASM	9.	0.11	196.	0.12
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	1.	0.01	11.	0.01
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	184.	2.32	1937.	1.17
19 NUTRITIONAL DEFICIENCIES	91.	1.15	5155.	3.11
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	17.	0.21	359.	0.22
21 MENTAL DISORDERS	18.	0.23	344.	0.21
22 DISEASES OF THE NERVOUS SYSTEM	98.	1.23	2882.	1.74
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	14.	0.18	468.	0.28
26 HYPERTENSIVE DISEASE	84.	1.06	588.	0.35
27 ISCHAEMIC HEART DISEASE	211.	2.66	1302.	0.79
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	321.	4.04	3646.	2.20
29 CEREBROVASCULAR DISEASE	425.	5.35	4032.	2.43
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	32.	0.40	308.	0.19
31 DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	590.	7.43	12423.	7.50
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	246.	3.10	4229.	2.55
35 DISEASES OF URINARY SYSTEM	104.	1.31	1314.	0.79
36 DISEASES OF MALE GENITAL ORGANS	1.	0.01	1.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	2.	0.03	60.	0.04
38 ABORTION	6.	0.08	202.	0.12
39 DIRECT OBSTETRIC CAUSES	15.	0.19	543.	0.33
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	4.	0.05	228.	0.14
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44 CONGENITAL ANOMALIES	33.	0.42	2110.	1.27
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	362.	4.56	23529.	14.20
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	2804.	35.30	36878.	22.26
47 TRANSPORT ACCIDENTS	322.	4.05	10468.	6.32
48 ACCIDENTAL POISONING	34.	0.43	1604.	0.97
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	7.	0.09	68.	0.04
50 ACCIDENTAL FALLS	30.	0.38	654.	0.39
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	41.	0.52	1326.	0.80
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	115.	1.45	3942.	2.38
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	3.	0.04	48.	0.03
54 SUICIDE AND SELF-INFLICTED INJURY	55.	0.69	1498.	0.90
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	96.	1.21	3078.	1.86
56 OTHER VIOLENCE	350.	4.41	11220.	6.77

REGION 8	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	13.	0.16	426.	0.26
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	261.	3.29	13790.	8.32
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	6.	0.08	128.	0.08
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	12.	0.15	422.	0.25
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	5.	0.06	134.	0.08
24 ICD 558 NON INFECTIVE GASTROENTERITIS	9.	0.11	298.	0.18
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	52.	0.65	2138.	1.29

Table 1.9 Mortality 1990: All Ages: Northern

REGION 9	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTESTINAL INFECTIOUS DISEASES	141.	1.46	5297.	3.62
2 TUBERCULOSIS	260.	2.70	3005.	2.06
3 OTHER BACTERIAL DISEASES	98.	1.02	1970.	1.35
4 VIRAL DISEASES	12.	0.12	326.	0.22
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	14.	0.15	346.	0.24
6 VENEREAL DISEASES	5.	0.05	179.	0.12
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	2.	0.02	29.	0.02
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	15.	0.16	78.	0.05
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	233.	2.42	2025.	1.39
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	67.	0.69	425.	0.29
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	45.	0.47	527.	0.36
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	107.	1.11	937.	0.64
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	49.	0.51	566.	0.39
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	15.	0.16	315.	0.22
15 BENIGN NEOPLASM	10.	0.10	151.	0.10
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	176.	1.82	1660.	1.14
19 NUTRITIONAL DEFICIENCIES	53.	0.55	2405.	1.65
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	18.	0.19	471.	0.32
21 MENTAL DISORDERS	9.	0.09	157.	0.11
22 DISEASES OF THE NERVOUS SYSTEM	78.	0.81	2420.	1.66
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	7.	0.07	164.	0.11
26 HYPERTENSIVE DISEASE	45.	0.47	242.	0.17
27 ISCHAEMIC HEART DISEASE	101.	1.05	660.	0.45
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	275.	2.85	2879.	1.97
29 CEREBROVASCULAR DISEASE	413.	4.28	3111.	2.13
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	28.	0.29	180.	0.12
31 DISEASES OF THE UPPER RESPIRATORY TRACT	3.	0.03	190.	0.13
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	384.	3.98	6626.	4.53
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	259.	2.69	3780.	2.59
35 DISEASES OF URINARY SYSTEM	99.	1.03	1589.	1.09
36 DISEASES OF MALE GENITAL ORGANS	2.	0.02	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	2.	0.02	44.	0.03
38 ABORTION	4.	0.04	171.	0.12
39 DIRECT OBSTETRIC CAUSES	8.	0.08	292.	0.20
40 INDIRECT OBSTETRIC CAUSES	1.	0.01	27.	0.02
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	1.	0.01	65.	0.04
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	2.	0.02	17.	0.01
44 CONGENITAL ANOMALIES	17.	0.18	1105.	0.76
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	202.	2.09	13130.	8.98
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	5508.	57.11	62825.	42.99
47 TRANSPORT ACCIDENTS	181.	1.88	5564.	3.81
48 ACCIDENTAL POISONING	33.	0.34	1325.	0.91
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.01	10.	0.01
50 ACCIDENTAL FALLS	27.	0.28	372.	0.25
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	54.	0.56	1232.	0.84
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	112.	1.16	4323.	2.96
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	47.	0.49	1263.	0.86
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	81.	0.84	2280.	1.56
56 OTHER VIOLENCE	340.	3.53	9396.	6.43

REGION 9	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	23.	0.24	626.	0.43
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	118.	1.22	4671.	3.20
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	8.	0.08	119.	0.08
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	14.	0.15	346.	0.24
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	1.	0.01	22.	0.02
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	2.	0.02	9.	0.01
24 ICD 558 NON INFECTIVE GASTROENTERITIS	2.	0.02	34.	0.02
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	59.	0.61	2658.	1.82

Table 2.0 Mortality 1990: Ages 0 to 5 years: South Africa

RSA	1		DEATHS	% DEATHS	PYLL	% PYLL
BTU						
1	INTESTINAL INFECTIOUS DISEASES	3472.	16.91	224428.	16.93	
2	TUBERCULOSIS	190.	0.93	12089.	0.91	
3	OTHER BACTERIAL DISEASES	415.	2.02	26691.	2.01	
4	VIRAL DISEASES	350.	1.70	22484.	1.70	
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	2.	0.01	126.	0.01	
6	VENEREAL DISEASES	67.	0.33	4353.	0.33	
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	9.	0.04	572.	0.04	
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	1.	0.00	65.	0.00	
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	9.	0.04	577.	0.04	
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	2.	0.01	127.	0.01	
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	9.	0.04	563.	0.04	
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	8.	0.04	509.	0.04	
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	28.	0.14	1749.	0.13	
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	21.	0.10	1318.	0.10	
15	BENIGN NEOPLASH	8.	0.04	492.	0.04	
16	CARCINOMA IN SITU	0.	0.00	0.	0.00	
17	OTHER AND UNSPECIFIED NEOPLASM	1.	0.00	60.	0.00	
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	52.	0.25	3336.	0.25	
19	NUTRITIONAL DEFICIENCIES	1092.	5.32	70139.	5.29	
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	23.	0.11	1481.	0.11	
21	MENTAL DISORDERS	0.	0.00	0.	0.00	
22	DISEASES OF THE NERVOUS SYSTEM	435.	2.12	27902.	2.10	
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00	
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00	
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	6.	0.03	381.	0.03	
26	HYPERTENSIVE DISEASE	3.	0.01	192.	0.01	
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00	
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	159.	0.77	10185.	0.77	
29	CEREBROVASCULAR DISEASE	8.	0.04	509.	0.04	
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00	
31	DISEASES OF THE UPPER RESPIRATORY TRACT	33.	0.16	2111.	0.16	
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1912.	9.31	123221.	9.29	
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00	
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	99.	0.48	6342.	0.48	
35	DISEASES OF URINARY SYSTEM	97.	0.47	6169.	0.47	
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00	
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00	
38	ABORTION	0.	0.00	0.	0.00	
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00	
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00	
41	NORAML DELIVERY	0.	0.00	0.	0.00	
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	227.	1.11	14753.	1.11	
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1.	0.00	61.	0.00	
44	CONGENITAL ANOMALIES	783.	3.81	50731.	3.83	
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7645.	37.23	496906.	37.48	
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	2311.	11.25	148563.	11.21	
47	TRANSPORT ACCIDENTS	211.	1.03	13111.	0.99	
48	ACCIDENTAL POISONING	101.	0.49	6470.	0.49	
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	5.	0.02	317.	0.02	
50	ACCIDENTAL FALLS	16.	0.08	1009.	0.08	
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	99.	0.48	6246.	0.47	
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	338.	1.65	21394.	1.61	
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00	
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00	
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	53.	0.26	3336.	0.25	
56	OTHER VIOLENCE	233.	1.13	14631.	1.10	

RSA	1		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001	CHOLERA	0.	0.00	0.	0.00
2	ICD 002	TYPHOID	3.	0.01	183.	0.01
3	ICD 004	SHIGELLOSIS	4.	0.02	259.	0.02
4	ICD 005	BACTERIAL FOOD POISONING	1.	0.00	61.	0.00
5	ICD 006	AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007	PROTOZOAL INTESTIONAL INFECTIONS	2.	0.01	130.	0.01
7	ICD 008	INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009	ILL DEFINED INTESTIONAL INFECTIONS	3461.	16.85	223730.	16.88
9	ICD 045	POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060	YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061	DENGUE	0.	0.00	0.	0.00
12	ICD 065	ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070	VIRAL HEPATITIS	21.	0.10	1326.	0.10
14	ICD 076	TRACHOMA	0.	0.00	0.	0.00
15	ICD 077	DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084	MALARIA	1.	0.00	61.	0.00
17	ICD 100	LEPTOSPIROSIS	2.	0.01	130.	0.01
18	ICD 120	SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123	CESTODE INFECTIONS	1.	0.00	61.	0.00
20	ICD 126	ANCYLOSTOMIASIS AND HECATORIASIS	0.	0.00	0.	0.00
21	ICD 132	PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133	ACARIASIS	0.	0.00	0.	0.00
23	ICD 482	BACTERIAL PNEUMONIA	21.	0.10	1355.	0.10
24	ICD 558	NON INFECTIVE GASTROENTERITIS	24.	0.12	1548.	0.12
25	ICD 6910	ACCIDENTAL DROWNING AND SUBMERSION	206.	1.00	12958.	0.98

Table 2.1 Mortality 1990: Ages 0 to 5 years: Western Cape

REGION 1	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTESINAL INFECTIOUS DISEASES	386.	13.18	25006.	13.21
2 TUBERCULOSIS	48.	1.64	3074.	1.62
3 OTHER BACTERIAL DISEASES	107.	3.65	6860.	3.62
4 VIRAL DISEASES	17.	0.58	1096.	0.58
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6 VENEREAL DISEASES	15.	0.51	974.	0.51
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	3.	0.10	195.	0.10
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	1.	0.03	65.	0.03
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	3.	0.10	184.	0.10
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	1.	0.03	64.	0.03
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	3.	0.10	189.	0.10
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	9.	0.31	570.	0.30
15 BENIGN NEOPLASM	0.	0.00	0.	0.00
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	9.	0.31	578.	0.31
19 NUTRITIONAL DEFICIENCIES	66.	2.25	4252.	2.25
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	3.	0.10	194.	0.10
21 MENTAL DISORDERS	0.	0.00	0.	0.00
22 DISEASES OF THE NERVOUS SYSTEM	62.	2.12	3964.	2.09
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	2.	0.07	126.	0.07
26 HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27 ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	33.	1.13	2120.	1.12
29 CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31 DISEASES OF THE UPPER RESPIRATORY TRACT	3.	0.10	193.	0.10
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	287.	9.88	18550.	9.80
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	15.	0.51	952.	0.50
35 DISEASES OF URINARY SYSTEM	8.	0.27	512.	0.27
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORAML DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	139.	4.75	9033.	4.77
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1.	0.03	61.	0.03
44 CONGENITAL ANOMALIES	181.	6.18	11741.	6.20
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1174.	40.10	76307.	40.32
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	180.	6.15	11605.	6.13
47 TRANSPORT ACCIDENTS	60.	2.05	3700.	1.96
48 ACCIDENTAL POISONING	3.	0.10	191.	0.10
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.03	64.	0.03
50 ACCIDENTAL FALLS	3.	0.10	190.	0.10
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	13.	0.44	820.	0.43
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	59.	2.02	3731.	1.97
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLECTED INJURY	0.	0.00	0.	0.00
55 HOMICIDE AND INJURY PURPOSELY INFLECTED BY OTHER PERSONS	13.	0.44	820.	0.43
56 OTHER VIOLENCE	20.	0.68	1261.	0.67

REGION 1	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	0.	0.00	0.	0.00
3 ICD 004 SHIGELLOSIS	1.	0.03	65.	0.03
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESITIONAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESITIONAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESITIONAL INFECTIONS	385.	13.15	24941.	13.18
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	2.	0.07	128.	0.07
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	0.	0.00	0.	0.00
17 ICD 100 LEPTOSPIROSIS	2.	0.07	130.	0.07
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND HECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	6.	0.20	390.	0.21
24 ICD 558 NON INFECTIVE GASTROENTERITIS	4.	0.14	260.	0.14
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	40.	1.37	2528.	1.34

Table 2.2 Mortality 1990: Ages 0 to 5 years: Northern Cape

REGION 2		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	323.	26.98	20860.	26.99
2	TUBERCULOSIS	13.	1.09	823.	1.06
3	OTHER BACTERIAL DISEASES	19.	1.59	1225.	1.59
4	VIRAL DISEASES	6.	0.50	384.	0.50
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	5.	0.42	325.	0.42
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1.	0.08	62.	0.08
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	1.	0.08	63.	0.08
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	0.	0.00	0.	0.00
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	4.	0.33	258.	0.33
19	NUTRITIONAL DEFICIENCIES	77.	6.43	4937.	6.39
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.08	65.	0.08
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	27.	2.26	1723.	2.23
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	3.	0.25	191.	0.25
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	3.	0.25	195.	0.25
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	177.	14.79	11412.	14.77
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	5.	0.42	323.	0.42
35	DISEASES OF URINARY SYSTEM	5.	0.42	319.	0.41
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	13.	1.09	845.	1.09
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	39.	3.26	2529.	3.27
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	394.	32.92	25610.	33.14
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	17.	1.42	1094.	1.42
47	TRANSPORT ACCIDENTS	13.	1.09	816.	1.06
48	ACCIDENTAL POISONING	4.	0.33	256.	0.33
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.08	62.	0.08
50	ACCIDENTAL FALLS	2.	0.17	127.	0.16
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	2.	0.17	129.	0.17
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	29.	2.42	1840.	2.38
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	4.	0.33	251.	0.32
56	OTHER VIOLENCE	9.	0.75	559.	0.72

REGION 2		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	323.	26.98	20860.	26.99
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ARTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	3.	0.25	191.	0.25
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	1.	0.08	65.	0.08
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	14.	1.17	883.	1.14

Table 2.3 Mortality 1990: Ages 0 to 5 years: Northwest

REGION 3		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	356.	26.45	22989.	26.47
2	TUBERCULOSIS	16.	1.19	1024.	1.18
3	OTHER BACTERIAL DISEASES	29.	2.15	1868.	2.15
4	VIRAL DISEASES	69.	5.13	4419.	5.09
5	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	3.	0.22	195.	0.22
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.07	61.	0.07
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	3.	0.22	182.	0.21
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPDIETIC TISSUE	1.	0.07	62.	0.07
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	9.	0.67	577.	0.66
19	NUTRITIONAL DEFICIENCIES	84.	6.24	5394.	6.21
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	5.	0.37	319.	0.37
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	34.	2.53	2174.	2.50
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	1.	0.07	60.	0.07
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	5.	0.37	320.	0.37
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	2.	0.15	128.	0.15
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	166.	12.33	10691.	12.31
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	5.	0.37	316.	0.36
35	DISEASES OF URINARY SYSTEM	10.	0.74	637.	0.73
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	8.	0.59	520.	0.60
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	31.	2.30	1999.	2.30
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	423.	31.43	27494.	31.66
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	49.	3.64	3138.	3.61
47	TRANSPORT ACCIDENTS	7.	0.52	442.	0.51
48	ACCIDENTAL POISONING	2.	0.15	130.	0.15
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	1.	0.07	65.	0.07
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	2.	0.15	127.	0.15
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	17.	1.26	1070.	1.23
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	2.	0.15	126.	0.15
56	OTHER VIOLENCE	5.	0.37	312.	0.36

REGION 3		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	356.	26.45	22989.	26.47
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ARTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.07	61.	0.07
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	1.	0.07	61.	0.07
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	1.	0.07	65.	0.07
24	ICD 558 NON INFECTIVE GASTROENTERITIS	1.	0.07	60.	0.07
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	12.	0.89	750.	0.86

Table 2.4 Mortality 1990: Ages 0 to 5 years: Gauteng

REGION 4		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	349.	7.98	22576.	7.99
2	TUBERCULOSIS	26.	0.59	1646.	0.58
3	OTHER BACTERIAL DISEASES	80.	1.83	5156.	1.82
4	VIRAL DISEASES	52.	1.19	3347.	1.18
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	15.	0.34	975.	0.35
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.02	63.	0.02
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	1.	0.02	65.	0.02
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	1.	0.02	65.	0.02
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	3.	0.07	188.	0.07
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	5.	0.11	317.	0.11
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	8.	0.18	497.	0.18
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	4.	0.09	246.	0.09
15	BENIGN NEOPLASM	4.	0.09	247.	0.09
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	4.	0.09	254.	0.09
19	NUTRITIONAL DEFICIENCIES	140.	3.20	9003.	3.19
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	3.	0.07	195.	0.07
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	82.	1.88	5259.	1.86
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	2.	0.05	130.	0.05
26	HYPERTENSIVE DISEASE	1.	0.02	62.	0.02
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	43.	0.98	2754.	0.97
29	CEREBROVASCULAR DISEASE	1.	0.02	65.	0.02
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	7.	0.16	444.	0.16
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	267.	6.11	17192.	6.08
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	19.	0.43	1212.	0.43
35	DISEASES OF URINARY SYSTEM	14.	0.32	906.	0.32
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	22.	0.50	1438.	0.51
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	217.	4.96	14047.	4.97
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1947.	44.53	126551.	44.79
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	809.	18.50	52196.	18.47
47	TRANSPORT ACCIDENTS	55.	1.26	3416.	1.21
48	ACCIDENTAL POISONING	18.	0.41	1153.	0.41
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	2.	0.05	127.	0.04
50	ACCIDENTAL FALLS	2.	0.05	125.	0.04
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	24.	0.55	1525.	0.54
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	75.	1.72	4785.	1.69
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	12.	0.27	764.	0.27
56	OTHER VIOLENCE	57.	1.30	3580.	1.27

REGION 4		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	1.	0.02	60.	0.02
3	ICD 004 SHIGELLOSIS	1.	0.02	65.	0.02
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	1.	0.02	65.	0.02
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	345.	7.89	22321.	7.90
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	4.	0.09	253.	0.09
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	2.	0.05	126.	0.04
24	ICD 558 NON INFECTIVE GASTROENTERITIS	3.	0.07	195.	0.07
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	45.	1.03	2847.	1.01

Table 2.5 Mortality 1990: Ages 0 to 5 years: Free State

REGION	5				
B7L		DEATHS	% DEATHS	PYLL	% PYLL
1	INTESTINAL INFECTIOUS DISEASES	928.	31.80	60009.	31.81
2	TUBERCULOSIS	12.	0.41	761.	0.40
3	OTHER BACTERIAL DISEASES	42.	1.44	2712.	1.44
4	VIRAL DISEASES	27.	0.93	1739.	0.92
5	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	8.	0.27	519.	0.28
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	2.	0.07	125.	0.07
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	3.	0.10	195.	0.10
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	1.	0.03	65.	0.03
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.07	122.	0.06
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPDIEIC TISSUE	1.	0.03	64.	0.03
15	BENIGN NEOPLASM	1.	0.03	63.	0.03
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	6.	0.21	387.	0.21
19	NUTRITIONAL DEFICIENCIES	229.	7.85	14775.	7.83
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	2.	0.07	129.	0.07
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	53.	1.82	3411.	1.81
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	8.	0.27	510.	0.27
29	CEREBROVASCULAR DISEASE	1.	0.03	65.	0.03
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	11.	0.38	708.	0.38
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	336.	11.51	21693.	11.50
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	8.	0.27	514.	0.27
35	DISEASES OF URINARY SYSTEM	15.	0.51	952.	0.50
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	11.	0.38	715.	0.38
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	56.	1.92	3631.	1.92
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	902.	30.91	58628.	31.08
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	173.	5.93	11124.	5.90
47	TRANSPORT ACCIDENTS	16.	0.55	998.	0.53
48	ACCIDENTAL POISONING	16.	0.55	1026.	0.54
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	1.	0.03	65.	0.03
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	4.	0.14	247.	0.13
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	31.	1.06	1954.	1.04
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	3.	0.10	187.	0.10
56	OTHER VIOLENCE	9.	0.31	568.	0.30

REGION	5				
		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	1.	0.03	65.	0.03
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	1.	0.03	65.	0.03
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	926.	31.73	59879.	31.74
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.03	62.	0.03
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	4.	0.14	258.	0.14
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	16.	0.55	1009.	0.53

Table 2.6 Mortality 1990: Ages 0 to 5 years: Eastern Cape

REGION 6	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTESTINAL INFECTIOUS DISEASES	442.	18.18	28588.	18.19
2 TUBERCULOSIS	38.	1.56	2423.	1.54
3 OTHER BACTERIAL DISEASES	62.	2.55	4005.	2.55
4 VIRAL DISEASES	52.	2.14	3342.	2.13
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6 VENEREAL DISEASES	11.	0.45	715.	0.45
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.04	64.	0.04
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1.	0.04	65.	0.04
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.08	123.	0.08
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPHOETIC TISSUE	3.	0.12	191.	0.12
15 BENIGN NEOPLASM	0.	0.00	0.	0.00
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	6.	0.25	384.	0.24
19 NUTRITIONAL DEFICIENCIES	160.	6.58	10302.	6.55
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	2.	0.08	127.	0.08
21 MENTAL DISORDERS	0.	0.00	0.	0.00
22 DISEASES OF THE NERVOUS SYSTEM	68.	2.80	4369.	2.78
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	1.	0.04	65.	0.04
26 HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27 ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	18.	0.74	1154.	0.73
29 CEREBROVASCULAR DISEASE	2.	0.08	125.	0.08
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31 DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	213.	8.76	13738.	8.74
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	8.	0.33	519.	0.33
35 DISEASES OF URINARY SYSTEM	17.	0.70	1070.	0.68
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	18.	0.74	1170.	0.74
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44 CONGENITAL ANOMALIES	77.	3.17	4995.	3.18
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	977.	40.19	63505.	40.40
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	181.	7.45	11663.	7.42
47 TRANSPORT ACCIDENTS	14.	0.58	868.	0.55
48 ACCIDENTAL POISONING	4.	0.16	257.	0.16
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.04	64.	0.04
50 ACCIDENTAL FALLS	0.	0.00	0.	0.00
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	6.	0.25	379.	0.24
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	31.	1.28	1963.	1.25
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	5.	0.21	315.	0.20
56 OTHER VIOLENCE	10.	0.41	636.	0.40

REGION 6	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	0.	0.00	0.	0.00
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	1.	0.04	61.	0.04
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	441.	18.14	28527.	18.15
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRHAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	6.	0.25	383.	0.24
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	0.	0.00	0.	0.00
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	1.	0.04	65.	0.04
24 ICD 558 NON INFECTIVE GASTROENTERITIS	2.	0.08	129.	0.08
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	16.	0.66	998.	0.63

Table 2.7 Mortality 1990: Ages 0 to 5 years: Kwazulu/Natal

REGION	7				
BTL		DEATHS	% DEATHS	PYLL	% PYLL
1	INTESTINAL INFECTIOUS DISEASES	419.	12.18	27045.	12.21
2	TUBERCULOSIS	29.	0.84	1831.	0.83
3	OTHER BACTERIAL DISEASES	55.	1.60	3533.	1.59
4	VIRAL DISEASES	114.	3.31	7324.	3.31
5	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	7.	0.20	455.	0.21
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.03	64.	0.03
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	3.	0.09	187.	0.08
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	2.	0.06	126.	0.06
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	1.	0.03	63.	0.03
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	7.	2.20	443.	0.20
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	2.	0.06	121.	0.05
15	BENIGN NEOPLASM	2.	0.06	122.	0.06
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	1.	0.03	69.	0.03
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	10.	0.29	642.	0.29
19	NUTRITIONAL DEFICIENCIES	225.	6.54	14363.	6.48
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	2.	0.06	129.	0.06
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	77.	2.24	4957.	2.24
23	DISORDERS OF THE EYE AND ADJEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	1.	0.03	65.	0.03
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	43.	1.25	2759.	1.25
29	CEREBROVASCULAR DISEASE	2.	0.06	130.	0.06
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	4.	0.12	253.	0.11
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	304.	8.84	19545.	8.82
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	27.	0.79	1737.	0.78
35	DISEASES OF URINARY SYSTEM	16.	0.47	1005.	0.45
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORMAL DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	12.	0.35	780.	0.35
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	134.	3.90	8677.	3.92
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1261.	36.67	81957.	36.99
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	451.	13.11	28905.	13.05
47	TRANSPORT ACCIDENTS	21.	0.61	1311.	0.59
48	ACCIDENTAL POISONING	23.	0.67	1481.	0.67
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	5.	0.15	312.	0.14
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	33.	0.96	2077.	0.94
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	54.	1.57	3406.	1.54
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	11.	0.32	688.	0.31
56	OTHER VIOLENCE	80.	2.33	5005.	2.26

REGION	7				
		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	1.	0.03	64.	0.03
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 ANOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	418.	12.15	26981.	12.18
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	3.	0.09	185.	0.08
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	5.	0.15	322.	0.15
24	ICD 558 NON INFECTIVE GASTROENTERITIS	10.	0.29	646.	0.29
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	33.	0.96	2065.	0.93

Table 2.8 Mortality 1990: Ages 0 to 5 years: Mpumalanga

REGION	B	DEATHS	% DEATHS	PYLL	% PYLL
BTL		202.	18.52	13040.	18.55
1	INTESTINAL INFECTIOUS DISEASES	7.	0.64	446.	0.63
2	TUBERCULOSIS	12.	1.10	765.	1.09
3	OTHER BACTERIAL DISEASES	10.	0.92	641.	0.91
4	VIRAL DISEASES	1.	0.09	65.	0.09
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	1.	0.09	65.	0.09
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BOWE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.18	130.	0.18
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOLITIC TISSUE	1.	0.09	64.	0.09
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	2.	0.18	127.	0.18
19	NUTRITIONAL DEFICIENCIES	78.	7.15	5004.	7.12
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.09	65.	0.09
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	17.	1.56	1089.	1.55
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	1.	0.09	65.	0.09
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	2.	0.18	122.	0.17
29	CEREBROVASCULAR DISEASE	1.	0.09	64.	0.09
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	107.	9.81	6881.	9.79
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	10.	0.92	641.	0.91
35	DISEASES OF URINARY SYSTEM	3.	0.27	191.	0.27
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	3.	0.27	195.	0.28
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	31.	2.84	2007.	2.86
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	362.	33.18	23529.	33.47
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	150.	13.75	9611.	13.67
47	TRANSPORT ACCIDENTS	14.	1.28	876.	1.25
48	ACCIDENTAL POISONING	17.	1.56	1082.	1.54
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	2.	0.18	125.	0.18
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	6.	0.55	380.	0.54
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	23.	2.11	1448.	2.06
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	1.	0.09	63.	0.09
56	OTHER VIOLENCE	24.	2.20	1515.	2.16

REGION	B	DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	1.	0.09	63.	0.09
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	201.	18.42	12977.	18.46
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.09	63.	0.09
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	1.	0.09	64.	0.09
23	ICD 482 BACTERIAL PNEUMONIA	4.	0.37	258.	0.37
24	ICD 558 NON INFECTIVE GASTROENTERITIS	16.	1.47	1005.	1.43
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION				

Table 2.9 Mortality 1990: Ages 0 to 5 years: Northern

REGION 9				
BTL	DEATHS	% DEATHS	PYLL	% PYLL
1 INTESTINAL INFECTIOUS DISEASES	65.	8.08	4186.	8.12
2 TUBERCULOSIS	1.	0.12	61.	0.12
3 OTHER BACTERIAL DISEASES	9.	1.12	567.	1.10
4 VIRAL DISEASES	3.	0.37	192.	0.37
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	1.	0.12	61.	0.12
6 VENEREAL DISEASES	2.	0.25	130.	0.25
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	1.	0.12	65.	0.13
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND SREA	0.	0.00	0.	0.00
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	1.	0.12	65.	0.13
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	0.	0.00	0.	0.00
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	0.	0.00	0.	0.00
15 BENIGN NEOPLASM	1.	0.12	60.	0.12
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	2.	0.25	129.	0.25
19 NUTRITIONAL DEFICIENCIES	33.	4.10	2109.	4.09
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	4.	0.50	258.	0.50
21 MENTAL DISORDERS	0.	0.00	0.	0.00
22 DISEASES OF THE NERVOUS SYSTEM	15.	1.87	956.	1.85
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26 HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27 ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	4.	0.50	255.	0.49
29 CEREBROVASCULAR DISEASE	1.	0.12	60.	0.12
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31 DISEASES OF THE UPPER RESPIRATORY TRACT	3.	0.37	190.	0.37
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	55.	6.84	3519.	6.82
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	2.	0.25	128.	0.25
35 DISEASES OF URINARY SYSTEM	9.	1.12	577.	1.12
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	1.	0.12	65.	0.13
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44 CONGENITAL ANOMALIES	17.	2.11	1105.	2.14
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	202.	25.12	13130.	25.46
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	301.	37.44	19229.	37.29
47 TRANSPORT ACCIDENTS	11.	1.37	686.	1.33
48 ACCIDENTAL POISONING	14.	1.74	894.	1.73
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50 ACCIDENTAL FALLS	0.	0.00	0.	0.00
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	7.	0.87	436.	0.85
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	19.	2.36	1197.	2.32
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	2.	0.25	122.	0.24
56 OTHER VIOLENCE	18.	2.24	1131.	2.19

REGION 9

	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	1.	0.12	60.	0.12
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	0.	0.00	0.	0.00
9 ICD 045 POLIOMYELITIS	64.	7.96	4126.	8.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	0.	0.00	0.	0.00
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	0.	0.00	0.	0.00
17 ICD 100 LEPTOSPIROSIS	1.	0.12	61.	0.12
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24 ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	14.	1.74	873.	1.69

Table 3.0 Mortality 1990: Ages 1 to 5 years: South Africa

RSA	1		DEATHS	% DEATHS	PYLL	% PYLL
BTL						
1	INTESTINAL INFECTIOUS DISEASES	922.	19.51	58678.	19.68	
2	TUBERCULOSIS	115.	2.43	7214.	2.42	
3	OTHER BACTERIAL DISEASES	141.	2.98	8881.	2.98	
4	VIRAL DISEASES	163.	3.45	10329.	3.46	
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	1.	0.02	61.	0.02	
6	VENEREAL DISEASES	2.	0.04	128.	0.04	
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	6.	0.13	377.	0.13	
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00	
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	2.	0.04	122.	0.04	
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1.	0.02	62.	0.02	
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	6.	0.13	368.	0.12	
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	5.	0.11	314.	0.11	
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	21.	0.44	1294.	0.43	
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	16.	0.34	993.	0.33	
15	BENIGN NEOPLASM	8.	0.17	492.	0.17	
16	CARCINOMA IN SITU	0.	0.00	0.	0.00	
17	OTHER AND UNSPECIFIED NEOPLASM	1.	0.02	60.	0.02	
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	22.	0.47	1386.	0.46	
19	NUTRITIONAL DEFICIENCIES	592.	12.53	37639.	12.63	
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	8.	0.17	506.	0.17	
21	MENTAL DISORDERS	0.	0.00	0.	0.00	
22	DISEASES OF THE NERVOUS SYSTEM	168.	3.56	10547.	3.54	
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00	
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00	
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	3.	0.06	186.	0.06	
26	HYPERTENSIVE DISEASE	1.	0.02	62.	0.02	
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00	
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	75.	1.59	4725.	1.58	
29	CEREBROVASCULAR DISEASE	3.	0.06	184.	0.06	
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00	
31	DISEASES OF THE UPPER RESPIRATORY TRACT	18.	0.38	1136.	0.38	
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	584.	12.36	36901.	12.38	
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00	
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	39.	0.83	2442.	0.82	
35	DISEASES OF URINARY SYSTEM	55.	1.16	3439.	1.15	
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00	
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00	
38	ABORTION	0.	0.00	0.	0.00	
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00	
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00	
41	UNASSISTED DELIVERY	0.	0.00	0.	0.00	
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	2.	0.04	128.	0.04	
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1.	0.02	61.	0.02	
44	CONGENITAL ANOMALIES	74.	1.57	4646.	1.56	
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	14.	0.30	891.	0.30	
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	881.	18.65	55613.	18.65	
47	TRANSPORT ACCIDENTS	185.	3.92	11421.	3.83	
48	ACCIDENTAL POISONING	48.	1.02	3025.	1.01	
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	4.	0.08	252.	0.08	
50	ACCIDENTAL FALLS	10.	0.21	619.	0.21	
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	80.	1.69	5011.	1.68	
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	244.	5.16	15284.	5.13	
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	0.	0.00	0.	0.00	
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00	
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	36.	0.76	2231.	0.75	
56	OTHER VIOLENCE	168.	3.56	10406.	3.49	

RSA	1		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA		0.	0.00	0.	0.00
2	ICD 002 TYPHOID		3.	0.06	183.	0.06
3	ICD 004 SHIGELLOSIS		1.	0.02	64.	0.02
4	ICD 005 BACTERIAL FOOD POISONING		1.	0.02	61.	0.02
5	ICD 006 AMOEBIASIS		0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS		0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS		0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS		917.	19.41	58370.	19.58
9	ICD 045 POLIOMYELITIS		0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER		0.	0.00	0.	0.00
11	ICD 061 DENGUE		0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRHAGIC FEVER		0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS		14.	0.30	871.	0.29
14	ICD 076 TRACHOMA		0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE		0.	0.00	0.	0.00
16	ICD 084 MALARIA		1.	0.02	61.	0.02
17	ICD 100 LEPTOSPIROSIS		0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS		0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS		1.	0.02	61.	0.02
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS		0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHNTHIRUS		0.	0.00	0.	0.00
22	ICD 133 ACARIASIS		0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA		8.	0.17	510.	0.17
24	ICD 558 NON INFECTIVE GASTROENTYRITIS		6.	0.13	378.	0.13
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION		183.	3.87	11463.	3.85

Table 3.1 Mortality 1990: Ages 1 to 5 years: Western Cape

REGION	1	DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	66.	12.57	4206.	12.73
2	TUBERCULOSIS	23.	4.38	1449.	4.38
3	OTHER BACTERIAL DISEASES	40.	7.62	2505.	7.58
4	VIRAL DISEASES	6.	1.14	381.	1.15
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	1.	0.19	64.	0.19
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	3.	0.57	184.	0.56
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	1.	0.19	64.	0.19
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.38	124.	0.38
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	6.	1.14	375.	1.13
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	4.	0.76	253.	0.77
19	NUTRITIONAL DEFICIENCIES	35.	6.67	2237.	6.77
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.19	64.	0.19
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	26.	4.95	1624.	4.91
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	2.	0.38	126.	0.38
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	17.	3.24	1080.	3.27
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	1.	0.19	63.	0.19
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	56.	10.67	3535.	10.70
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	7.	1.33	432.	1.31
35	DISEASES OF URINARY SYSTEM	5.	0.95	317.	0.96
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORMAL DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	2.	0.38	128.	0.39
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1.	0.19	61.	0.18
44	CONGENITAL ANOMALIES	12.	2.29	756.	2.29
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3.	0.57	192.	0.58
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	61.	11.62	3870.	11.71
47	TRANSPORT ACCIDENTS	58.	11.05	3570.	10.80
48	ACCIDENTAL POISONING	2.	0.38	126.	0.38
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.19	64.	0.19
50	ACCIDENTAL FALLS	1.	0.19	60.	0.18
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	11.	2.10	690.	2.09
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	47.	8.95	2951.	8.93
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLECTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	10.	1.90	625.	1.89
56	OTHER VIOLENCE	14.	2.67	871.	2.64

REGION	1	DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	66.	12.57	4206.	12.73
9	ICD 045 POLIOHYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.19	63.	0.19
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	34.	6.48	2138.	6.47

Table 3.2 Mortality 1990: Ages 1 to 5 years: Northern Cape

REGION 2		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	105.	33.23	6690.	33.42
2	TUBERCULOSIS	7.	2.22	433.	2.16
3	OTHER BACTERIAL DISEASES	6.	1.90	380.	1.90
4	VIRAL DISEASES	3.	0.95	189.	0.94
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1.	0.32	62.	0.31
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	1.	0.32	63.	0.31
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOLLETIC TISSUE	0.	0.00	0.	0.00
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	2.	0.63	128.	0.64
19	NUTRITIONAL DEFICIENCIES	50.	15.82	3182.	15.90
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	0.	0.00	0.	0.00
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	14.	4.43	878.	4.39
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	3.	0.95	191.	0.95
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	59.	18.67	3742.	18.69
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	2.	0.63	128.	0.64
35	DISEASES OF URINARY SYSTEM	2.	0.63	124.	0.62
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	5.	1.58	319.	1.59
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0.	0.00	0.	0.00
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	9.	2.85	574.	2.87
47	TRANSPORT ACCIDENTS	9.	2.85	556.	2.78
48	ACCIDENTAL POISONING	3.	0.95	191.	0.95
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.32	62.	0.31
50	ACCIDENTAL FALLS	2.	0.63	127.	0.63
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	1.	0.32	64.	0.32
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	20.	6.33	1255.	6.27
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	3.	0.95	186.	0.93
56	OTHER VIOLENCE	8.	2.53	494.	2.47

REGION 2		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	105.	33.23	6690.	33.42
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.32	61.	0.30
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	12.	3.80	753.	3.76

Table 3.3 Mortality 1990: Ages 1 to 5 years: Northwest

REGION 3		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	113.	29.35	7194.	29.52
2	TUBERCULOSIS	6.	1.56	374.	1.53
3	OTHER BACTERIAL DISEASES	10.	2.60	633.	2.60
4	VIRAL DISEASES	42.	10.91	2664.	10.93
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.26	61.	0.25
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	3.	0.78	182.	0.75
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPDIETIC TISSUE	1.	0.26	62.	0.25
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	5.	1.30	317.	1.30
19	NUTRITIONAL DEFICIENCIES	49.	12.73	3119.	12.80
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	2.	0.52	124.	0.51
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	18.	4.68	1134.	4.65
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	1.	0.26	60.	0.25
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	2.	0.52	125.	0.51
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	2.	0.52	128.	0.53
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	59.	15.32	3736.	15.33
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	3.	0.78	186.	0.76
35	DISEASES OF URINARY SYSTEM	6.	1.56	377.	1.55
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	4.	1.04	244.	1.00
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1.	0.26	64.	0.26
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	30.	7.79	1903.	7.81
47	TRANSPORT ACCIDENTS	4.	1.04	247.	1.01
48	ACCIDENTAL POISONING	0.	0.00	0.	0.00
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	0.	0.00	0.	0.00
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	2.	0.52	127.	0.52
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	15.	3.90	940.	3.86
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	1.	0.26	61.	0.25
56	OTHER VIOLENCE	5.	1.30	312.	1.28

REGION 3		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	113.	29.35	7194.	29.52
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.26	61.	0.25
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	1.	0.26	61.	0.25
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24	ICD 558 NON INFECTIVE GASTROENTERITIS	1.	0.26	60.	0.25
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	12.	3.12	750.	3.08

Table 3.4 Mortality 1990: Ages 1 to 5 years: Gauteng

REGION 4		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	80.	9.49	5091.	9.57
2	TUBERCULOSIS	19.	2.25	1191.	2.24
3	OTHER BACTERIAL DISEASES	25.	2.97	1581.	2.97
4	VIRAL DISEASES	22.	2.61	1397.	2.63
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.12	63.	0.12
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	2.	0.24	123.	0.23
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	3.	0.36	187.	0.35
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	7.	0.83	432.	0.81
14	MALIGNANT NEOPLAS: OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	4.	0.47	246.	0.46
15	BENIGN NEOPLASM	4.	0.47	247.	0.46
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	2.	0.24	124.	0.23
19	NUTRITIONAL DEFICIENCIES	79.	9.37	5038.	9.47
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	0.	0.00	0.	0.00
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	32.	3.80	2009.	3.78
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	1.	0.12	62.	0.12
27	ISCHEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	19.	2.25	1194.	2.25
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	7.	0.83	444.	0.83
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	77.	9.13	4842.	9.11
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	9.	1.07	562.	1.06
35	DISEASES OF URINARY SYSTEM	3.	0.36	191.	0.36
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORMAL DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	21.	2.49	1307.	2.46
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	4.	0.47	256.	0.48
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	247.	29.30	15664.	29.46
47	TRANSPORT ACCIDENTS	50.	5.93	3089.	5.81
48	ACCIDENTAL POISONING	10.	1.19	633.	1.19
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.12	62.	0.12
50	ACCIDENTAL FALLS	2.	0.24	125.	0.24
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	21.	2.49	1330.	2.50
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	45.	5.34	2835.	5.33
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	5.	0.59	309.	0.58
56	OTHER VIOLENCE	41.	4.86	2540.	4.78

REGION 4		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	1.	0.12	60.	0.11
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	79.	9.37	5031.	9.46
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	3.	0.36	188.	0.35
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND HECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	2.	0.24	126.	0.24
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	38.	4.51	2392.	4.50

Table 3.5 Mortality 1990: Ages 1 to 5 years: Free State

REGION 5		DEATHS	% DEATHS	PYLL	% PYLL
B7L					
1	INTESTINAL INFECTIOUS DISEASES	248.	38.45	15809.	38.64
2	TUBERCULOSIS	9.	1.40	566.	1.38
3	OTHER BACTERIAL DISEASES	11.	1.71	697.	1.70
4	VIRAL DISEASES	11.	1.71	699.	1.71
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	1.	0.16	64.	0.16
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	2.	0.31	125.	0.31
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.31	122.	0.30
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPDIETIC TISSUE	1.	0.16	64.	0.16
15	BENIGN NEOPLASM	1.	0.16	63.	0.15
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	1.	0.16	62.	0.15
19	NUTRITIONAL DEFICIENCIES	89.	13.80	5675.	13.87
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.16	64.	0.16
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	17.	2.64	1071.	2.62
23	DISORDERS OF THE EYE AND ADNEKA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	5.	0.78	315.	0.77
29	CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	4.	0.62	253.	0.62
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	91.	14.11	5768.	14.10
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	3.	0.47	189.	0.46
35	DISEASES OF URINARY SYSTEM	11.	1.71	692.	1.69
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	MORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	4.	0.62	251.	0.61
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2.	0.31	128.	0.31
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	76.	11.78	4819.	11.78
47	TRANSPORT ACCIDENTS	13.	2.02	803.	1.96
48	ACCIDENTAL POISONING	8.	1.24	506.	1.24
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	0.	0.00	0.	0.00
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	4.	0.62	247.	0.60
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	21.	3.26	1304.	3.19
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	3.	0.47	187.	0.46
56	OTHER VIOLENCE	6.	0.93	373.	0.91

REGION 5		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTIONAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTIONAL INFECTIONS	248.	38.45	15809.	38.64
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	1.	0.16	62.	0.15
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	2.	0.31	128.	0.31
24	ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	10.	1.55	619.	1.51

Table 3.6 Mortality 1990: Ages 1 to 5 years: Eastern Cape

REGION 6		DEATHS	% DEATHS	PYLL	% PYLL
BTL					
1	INTESTINAL INFECTIOUS DISEASES	98.	21.78	6228.	21.91
2	TUBERCULOSIS	21.	4.67	1318.	4.64
3	OTHER BACTERIAL DISEASES	13.	2.89	820.	2.89
4	VIRAL DISEASES	19.	4.22	1197.	4.21
5	RICKETTSIOSIS AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.22	64.	0.23
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	2.	0.44	123.	0.43
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	1.	0.22	61.	0.21
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	2.	0.44	124.	0.44
19	NUTRITIONAL DEFICIENCIES	70.	15.56	4452.	15.67
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.22	62.	0.22
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	26.	5.78	1639.	5.77
23	DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	8.	1.78	504.	1.77
29	CEREBROVASCULAR DISEASE	1.	0.22	60.	0.21
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31	DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	65.	14.44	4118.	14.49
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	1.	0.22	64.	0.23
35	DISEASES OF URINARY SYSTEM	11.	2.44	680.	2.39
36	DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORMAL DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	5.	1.11	315.	1.11
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0.	0.00	0.	0.00
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	57.	12.67	3603.	12.68
47	TRANSPORT ACCIDENTS	11.	2.44	673.	2.37
48	ACCIDENTAL POISONING	3.	0.67	192.	0.68
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	1.	0.22	64.	0.23
50	ACCIDENTAL FALLS	0.	0.00	0.	0.00
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	4.	0.89	249.	0.88
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	21.	4.67	1313.	4.62
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	3.	0.67	185.	0.65
56	OTHER VIOLENCE	5.	1.11	311.	1.09

REGION 6		DEATHS	% DEATHS	PYLL	% PYLL
1	ICD 001 CHOLERA	0.	0.00	0.	0.00
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4	ICD 005 BACTERIAL FOOD POISONING	1.	0.22	61.	0.21
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	97.	21.56	6167.	21.70
9	ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	3.	0.67	188.	0.66
14	ICD 076 TRACHOMA	0.	0.00	0.	0.00
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24	ICD 558 NON INFECTIVE GASTROENTERITIS	1.	0.22	64.	0.23
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	15.	3.33	933.	3.28

Table 3.7 Mortality 1990: Ages 1 to 5 years: Kwazulu/Natal

REGION 7	DEATHS	% DEATHS	PYLL	% PYLL
BTL				
1 INTESTINAL INFECTIOUS DISEASES	125.	13.40	7935.	13.53
2 TUBERCULOSIS	23.	2.47	1441.	2.46
3 OTHER BACTERIAL DISEASES	23.	2.47	1453.	2.48
4 VIRAL DISEASES	52.	5.57	3294.	5.61
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6 VENEREAL DISEASES	0.	0.00	0.	0.00
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	1.	0.11	64.	0.11
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	2.	0.21	122.	0.21
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	1.	0.11	61.	0.10
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	1.	0.11	63.	0.11
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	4.	0.43	248.	0.42
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	2.	0.21	121.	0.21
15 BENIGN NEOPLASM	2.	0.21	122.	0.21
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	1.	0.11	60.	0.10
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	3.	0.32	187.	0.32
19 NUTRITIONAL DEFICIENCIES	153.	16.40	9683.	16.50
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	1.	0.11	64.	0.11
21 MENTAL DISORDERS	0.	0.00	0.	0.00
22 DISEASES OF THE NERVOUS SYSTEM	24.	2.57	1512.	2.58
23 DISORDERS OF THE EYE AND ADNEKA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26 HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27 ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	17.	1.82	1069.	1.82
29 CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.	0.00	0.	0.00
31 DISEASES OF THE UPPER RESPIRATORY TRACT	3.	0.32	188.	0.32
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	109.	11.68	6870.	11.71
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	0.	0.00	0.	0.00
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	8.	0.86	502.	0.86
35 DISEASES OF URINARY SYSTEM	11.	1.18	680.	1.16
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44 CONGENITAL ANOMALIES	19.	2.04	1202.	2.05
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3.	0.32	187.	0.32
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	184.	19.72	11550.	19.69
47 TRANSPORT ACCIDENTS	18.	1.93	1116.	1.90
48 ACCIDENTAL POISONING	6.	0.64	378.	0.64
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50 ACCIDENTAL FALLS	4.	0.43	247.	0.42
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	26.	2.79	1622.	2.76
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	39.	4.18	2431.	4.14
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	8.	0.86	493.	0.84
56 OTHER VIOLENCE	60.	6.43	3705.	6.32

REGION 7	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	0.	0.00	0.	0.00
3 ICD 004 SHIGELLOSIS	1.	0.11	64.	0.11
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	124.	13.29	7871.	13.42
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	3.	0.32	185.	0.32
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	0.	0.00	0.	0.00
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	3.	0.32	192.	0.33
24 ICD 558 NON INFECTIVE GASTROENTERITIS	3.	0.32	191.	0.33
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	32.	3.43	2000.	3.41

Table 3.8 Mortality 1990: Ages 1 to 5 years: Mpumalanga

REGION	8				
BTL					
1	INTESTINAL INFECTIOUS DISEASES	DEATHS	% DEATHS	PYLL	% PYLL
2	TUBERCULOSIS	63.	19.21	4005.	19.35
3	OTHER BACTERIAL DISEASES	6.	1.83	381.	1.84
4	VIRAL DISEASES	7.	2.13	440.	2.13
5	RICKETTSIOSSES AND OTHER ARTHROPOD-BORNE DISEASES	6.	1.83	381.	1.84
6	VENEREAL DISEASES	0.	0.00	0.	0.00
7	OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12	MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	0.	0.00	0.	0.00
14	MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	1.	0.30	64.	0.31
15	BENIGN NEOPLASM	0.	0.00	0.	0.00
16	CARCINOMA IN SITU	0.	0.00	0.	0.00
17	OTHER AND UNSPECIFIED NEOPLASM	0.	0.00	0.	0.00
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	0.	0.00	0.	0.00
19	NUTRITIONAL DEFICIENCIES	2.	0.61	127.	0.61
20	DISEASES OF BLOOD AND BLOODFORMING ORGANS	47.	14.33	2989.	14.44
21	MENTAL DISORDERS	0.	0.00	0.	0.00
22	DISEASES OF THE NERVOUS SYSTEM	0.	0.00	0.	0.00
23	DISORDERS OF THE EYE AND ADNEXA	4.	1.22	244.	1.18
24	DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26	HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27	ISCHAEMIC HEART DISEASE	0.	0.00	0.	0.00
28	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	0.	0.00	0.	0.00
29	CEREBROVASCULAR DISEASE	2.	0.61	122.	0.59
30	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1.	0.30	64.	0.31
31	DISEASES OF THE UPPER RESPIRATORY TRACT	0.	0.00	0.	0.00
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM	0.	0.00	0.	0.00
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	44.	13.41	2786.	13.46
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	0.	0.00	0.	0.00
35	DISEASES OF URINARY SYSTEM	4.	1.22	251.	1.21
36	DISEASES OF MALE GENITAL ORGANS	2.	0.61	126.	0.61
37	DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38	ABORTION	0.	0.00	0.	0.00
39	DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40	INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41	NORAML DELIVERY	0.	0.00	0.	0.00
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44	CONGENITAL ANOMALIES	4.	1.22	252.	1.22
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1.	0.30	64.	0.31
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	72.	21.95	4541.	21.94
47	TRANSPORT ACCIDENTS	11.	3.35	681.	3.29
48	ACCIDENTAL POISONING	10.	3.05	627.	3.03
49	MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50	ACCIDENTAL FALLS	1.	0.30	60.	0.29
51	ACCIDENTS CAUSED BY FIRE AND FLAMES	3.	0.91	185.	0.89
52	OTHER ACCIDENTS, INCLUDING LATE EFFECTS	21.	6.40	1318.	6.37
53	DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54	SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	1.	0.30	63.	0.30
56	OTHER VIOLENCE	15.	4.57	930.	4.49

REGION	8				
1	ICD 001 CHOLERA	DEATHS	% DEATHS	PYLL	% PYLL
2	ICD 002 TYPHOID	0.	0.00	0.	0.00
3	ICD 004 SHIGELLOSIS	1.	0.30	63.	0.30
4	ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5	ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6	ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7	ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8	ICD 009 ILL DEFINED INTESTINAL INFECTIONS	0.	0.00	0.	0.00
9	ICD 045 POLIOMYELITIS	62.	18.90	3942.	19.00
10	ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11	ICD 061 DENGUE	0.	0.00	0.	0.00
12	ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13	ICD 070 VIRAL HEPATITIS	0.	0.00	0.	0.00
14	ICD 076 TRACHOMA	1.	0.30	63.	0.30
15	ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16	ICD 084 MALARIA	0.	0.00	0.	0.00
17	ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18	ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19	ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20	ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21	ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22	ICD 133 ACARIASIS	0.	0.00	0.	0.00
23	ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24	ICD 558 NON INFECTIVE GASTROENTERITIS	1.	0.30	64.	0.31
25	ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	16.	4.88	1005.	4.85

Table 3.9 Mortality 1990: Ages 1 to 5 years: Northern

REGION 9	DEATHS	% DEATHS	PYLL	% PYLL
BTL	23.	7.77	1456.	7.85
1 INTESTINAL INFECTIOUS DISEASES	1.	0.34	61.	0.33
2 TUBERCULOSIS	6.	2.03	372.	2.01
3 OTHER BACTERIAL DISEASES	2.	0.68	127.	0.68
4 VIRAL DISEASES	1.	0.34	61.	0.33
5 RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	0.	0.00	0.	0.00
6 VENEREAL DISEASES	0.	0.00	0.	0.00
7 OTHER INFECTIOUS AND PARASITIC DISEASES AND LATE EFFECTS THE	0.	0.00	0.	0.00
8 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	0.	0.00	0.	0.00
9 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	0.	0.00	0.	0.00
10 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	0.	0.00	0.	0.00
11 MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREA	0.	0.00	0.	0.00
12 MALIGNANT NEOPLASM OF GENITO-URINARY ORGANS	0.	0.00	0.	0.00
13 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	0.	0.00	0.	0.00
14 MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	1.	0.34	60.	0.32
15 BENIGN NEOPLASM	0.	0.00	0.	0.00
16 CARCINOMA IN SITU	0.	0.00	0.	0.00
17 OTHER AND UNSPECIFIED NEOPLASM	1.	0.34	64.	0.35
18 ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS	20.	6.76	1264.	6.82
19 NUTRITIONAL DEFICIENCIES	2.	0.68	128.	0.69
20 DISEASES OF BLOOD AND BLOODFORMING ORGANS	0.	0.00	0.	0.00
21 MENTAL DISORDERS	7.	2.36	436.	2.35
22 DISEASES OF THE NERVOUS SYSTEM	0.	0.00	0.	0.00
23 DISORDERS OF THE EYE AND ADNEXA	0.	0.00	0.	0.00
24 DISEASES OF THE EAR AND MASTOID PROCESS	0.	0.00	0.	0.00
25 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	0.	0.00	0.	0.00
26 HYPERTENSIVE DISEASE	0.	0.00	0.	0.00
27 ISCHAEMIC HEART DISEASE	2.	0.68	125.	0.67
28 DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART D	1.	0.34	60.	0.32
29 CEREBROVASCULAR DISEASE	0.	0.00	0.	0.00
30 OTHER DISEASES OF THE CIRCULATORY SYSTEM	1.	0.34	60.	0.32
31 DISEASES OF THE UPPER RESPIRATORY TRACT	24.	8.11	1504.	8.11
32 OTHER DISEASES OF THE RESPIRATORY SYSTEM	0.	0.00	0.	0.00
33 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	2.	0.68	128.	0.69
34 DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM	4.	1.35	252.	1.36
35 DISEASES OF URINARY SYSTEM	0.	0.00	0.	0.00
36 DISEASES OF MALE GENITAL ORGANS	0.	0.00	0.	0.00
37 DISEASES OF FEMALE GENITAL ORGANS	0.	0.00	0.	0.00
38 ABORTION	0.	0.00	0.	0.00
39 DIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
40 INDIRECT OBSTETRIC CAUSES	0.	0.00	0.	0.00
41 NORMAL DELIVERY	0.	0.00	0.	0.00
42 DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	0.	0.00	0.	0.00
43 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	0.	0.00	0.	0.00
44 CONGENITAL ANOMALIES	0.	0.00	0.	0.00
45 CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0.	0.00	0.	0.00
46 SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	145.	48.99	9089.	49.02
47 TRANSPORT ACCIDENTS	11.	3.72	686.	3.70
48 ACCIDENTAL POISONING	6.	2.03	374.	2.02
49 MISADVENTURES DURING MEDICAL CARE, ABNORMAL REACTIONS, LATE	0.	0.00	0.	0.00
50 ACCIDENTAL FALLS	0.	0.00	0.	0.00
51 ACCIDENTS CAUSED BY FIRE AND FLAMES	6.	2.03	371.	2.00
52 OTHER ACCIDENTS, INCLUDING LATE EFFECTS	15.	5.07	937.	5.05
53 DRUGS, MEDICAMENTS CAUSING ADVERSE EFFECTS IN THERAPEUTIC US	0.	0.00	0.	0.00
54 SUICIDE AND SELF-INFLICTED INJURY	0.	0.00	0.	0.00
55 HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	2.	0.68	122.	0.66
56 OTHER VIOLENCE	13.	4.39	806.	4.35

REGION 9	DEATHS	% DEATHS	PYLL	% PYLL
1 ICD 001 CHOLERA	0.	0.00	0.	0.00
2 ICD 002 TYPHOID	1.	0.34	60.	0.32
3 ICD 004 SHIGELLOSIS	0.	0.00	0.	0.00
4 ICD 005 BACTERIAL FOOD POISONING	0.	0.00	0.	0.00
5 ICD 006 AMOEBIASIS	0.	0.00	0.	0.00
6 ICD 007 PROTOZOAL INTESTINAL INFECTIONS	0.	0.00	0.	0.00
7 ICD 008 INTESTINAL INFECTIONS	0.	0.00	0.	0.00
8 ICD 009 ILL DEFINED INTESTINAL INFECTIONS	22.	7.43	1396.	7.53
9 ICD 045 POLIOMYELITIS	0.	0.00	0.	0.00
10 ICD 060 YELLOW FEVER	0.	0.00	0.	0.00
11 ICD 061 DENGUE	0.	0.00	0.	0.00
12 ICD 065 ANTHROPOD BORNE HAEMORRAGIC FEVER	0.	0.00	0.	0.00
13 ICD 070 VIRAL HEPATITIS	0.	0.00	0.	0.00
14 ICD 076 TRACHOMA	0.	0.00	0.	0.00
15 ICD 077 DISEASES DUE TO CHLAMYDIAE	0.	0.00	0.	0.00
16 ICD 084 MALARIA	1.	0.34	61.	0.33
17 ICD 100 LEPTOSPIROSIS	0.	0.00	0.	0.00
18 ICD 120 SCHISTOSOMIASIS	0.	0.00	0.	0.00
19 ICD 123 CESTODE INFECTIONS	0.	0.00	0.	0.00
20 ICD 126 ANCYLOSTOMIASIS AND NECATORIASIS	0.	0.00	0.	0.00
21 ICD 132 PEDICULOSIS AND PHTHIRUS	0.	0.00	0.	0.00
22 ICD 133 ACARIASIS	0.	0.00	0.	0.00
23 ICD 482 BACTERIAL PNEUMONIA	0.	0.00	0.	0.00
24 ICD 558 NON INFECTIVE GASTROENTERITIS	0.	0.00	0.	0.00
25 ICD E910 ACCIDENTAL DROWNING AND SUBMERSION	14.	4.73	873.	4.71

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LIST OF FIGURES

Figure 1 Mortality 1990: Ages 1-5 years, percentage of deaths.

LIST OF MAPS

Map 1 Malaria - numbers of deaths

Map 2 Drowning - percentage of deaths

Map 3 Ill-defined causes - percentage of deaths

Map 4.1 Intestinal Infectious Diseases - ranking of PYLL

Map 4.2 Intestinal Infectious Diseases - ranking of number of deaths aged 1-5 years

Map 4.3 Intestinal Infectious Diseases - percentage of deaths aged 1-5 years

Map 4.4 Intestinal Infectious Diseases - ranking number of deaths aged 0-5 years

Map 4.5 Intestinal Infectious Diseases - percentage of deaths aged 0-5 years

Map 5 Viral hepatitis - number of deaths