



CAUSES OF DEATH

1987

Catalogue No. 3302.3

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CAUSES OF DEATH, QUEENSLAND, 1987

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EXPLANATORY NOTES

Introduction

The primary aim of this publication is to present an overview of the nature of, and trends in, the causes of death of Queensland residents. The statistics have been compiled from information taken from certificates of cause of death completed by medical practitioners and forwarded to the Registrars-General.

Definitions

2. *General deaths*, i.e. those included in the first section of this publication, comprise the deaths of persons of all ages. Still births are excluded.

3. *Perinatal deaths*, included in the second section, comprise fetal deaths (still births) and neonatal deaths (of children born alive) as described below.

Fetal death relates to any child not born alive (defined as one whose heart has not beaten after delivery) weighing at least 500 grams at delivery or, where birthweight was unavailable, of at least 22 weeks gestation.

Neonatal death relates to any child born alive who dies within 28 days of birth, and was of at least 500 grams weight at delivery or, where birthweight was unavailable, of at least 22 weeks gestation.

4. These definitions are in accordance with the recommendations of the Ninth (1975) Revision of the World Health Organisation's International Classification of Diseases (ICD).

5. The diagram at the end of these notes illustrates the relationship between general deaths and perinatal deaths.

State of Usual Residence and State of Registration

6. *General deaths*. Figures shown in this publication represent deaths of usual residents of Queensland, regardless of where in Australia the death occurred or was registered. Deaths of persons normally resident in Queensland, which occurred overseas, are excluded from this publication. Deaths of persons usually resident overseas which occurred in Queensland are included in the Queensland figures.

7. *Perinatal deaths*. The figures have been compiled on a State of usual residence basis, i.e. they represent the deaths of those fetuses and neonates whose mothers were usual residents of Queensland.

8. Statistics of causes of death on a State of registration/notification basis are available on request.

Year of Occurrence and Year of Notification

9. The statistics in this publication refer to deaths notified to the Registrars during the year shown. There is usually an interval between the occurrence and notification of a death and as a result some deaths occurring in one year are not notified until the following year or even later. Approximately 94 per cent of deaths notified in 1987 occurred in 1987. Of those that occurred before 1987, almost all occurred in the last quarter of 1986.

Cause of Death Classifications Used in This Publication

10. The causes of death in this publication are classified according to the Ninth (1975) Revision of the World Health Organisation's International Classification of Diseases (ICD) which was adopted for world-wide use from 1979.

11. For the general deaths included in the tables in the first section, particulars relate to the *underlying cause of death*, which the World Health Organisation (WHO) has defined as the disease

or injury which initiated the train of morbid events leading directly to death. Accidental and violent deaths are classified according to the *external cause*, i.e. to the circumstances of the accident or violence which produced the fatal injury rather than to the nature of the injury. Deaths of infants aged less than 1 month are classified according to the *main condition* in the infant which contributed to the death.

12. For the perinatal death tables in the second section, deaths have been classified to the *main condition in the fetus/infant* and also to the *main condition in the mother*.

13. The extensive nature of the ICD enables classification of causes of death at fine levels of detail. The following abridged classifications have been used in this publication in order to present an overview of causes of death:

14. *General deaths* are classified (i) at the ICD class level, with further disaggregation for neoplasms, diseases of the circulatory system and other classes where special interest has been shown by users (used in Tables 1, 2 and 11); and (ii) by main causes of death for age groups as recommended by the WHO. For each age group a classification of the main causes of death relevant to that age group has been developed. These classifications are used in Tables 3 to 10 and can be related back to the class level classification used in Tables 1, 2 and 11, although more detail is shown in Tables 3 to 10 where it is significant to the particular age group.

15. *Perinatal deaths*. The classification used in Tables 13 to 19 is the 3 digit level of the ICD. The same classification has been used in Table 12, although some further breakdown is provided for categories comprising significant numbers of perinatal deaths.

16. All tables in this publication show the ICD codes which constitute the causes of death shown, hence the relationships between the various classifications used can be readily ascertained.

Indeterminate Sex

17. For tabulation purposes, perinatal deaths of indeterminate sex are included with males. In 1987 there were two cases of indeterminate sex while in 1986 there was one case.

Unknown Time of Cessation of Heartbeat

18. Perinatal deaths for which it is not known whether the time of cessation of heartbeat was before or after delivery have been included with fetal deaths. In 1987 there were six such cases, and in 1986 there were four.

Period of Gestation

19. Period of gestation is measured from the first day of the last normal menstrual period to the date of birth and is expressed in completed weeks.

Death Rates

20. The rates in this publication are based on the population and births figures contained in Tables 20 to 23. The live births shown in Tables 21 and 23 differ from those published in *Births, Queensland* (Catalogue No. 3306.3) in that they have been adjusted to exclude those known to have weighed less than 500 grams at delivery.

21. The perinatal death rates shown have been calculated as follows:

- (a) for fetal deaths and total perinatal deaths, the rates represent the number of deaths per 1,000 live births and still births (fetal deaths) combined and

EXPLANATORY NOTES (continued)

Death Rates (continued)

- (b) for neonatal deaths, the rates represent the number of deaths per 1,000 live births.

Data Quality

22. The registration of deaths is the responsibility of the individual State and Territory Registrars of Births, Deaths and Marriages. As part of the registration process, information as to the cause of death is supplied by the medical practitioner certifying the death or by a coroner. Guidelines for the provision of cause of death information are made available to medical practitioners by the ABS. Other information about the deceased is supplied by a relative or other person acquainted with the deceased, or by an official of the institution where the death occurred. This information is provided to the ABS by individual Registrars for compilation into aggregate statistics shown in this publication.

23. In compiling statistics of cause of death, the ABS employs a variety of quality control measures to ensure that the statistics are as reliable as possible. These measures include: seeking further information where necessary from the certifying doctor or coroner to enable accurate classification of the underlying cause of death; check-coding of cause of death; detailed computer editing of data and checks on the statistical output, at the individual record and aggregate levels.

Related Publications

24. Users may also wish to refer to the following publications, which are available on request:

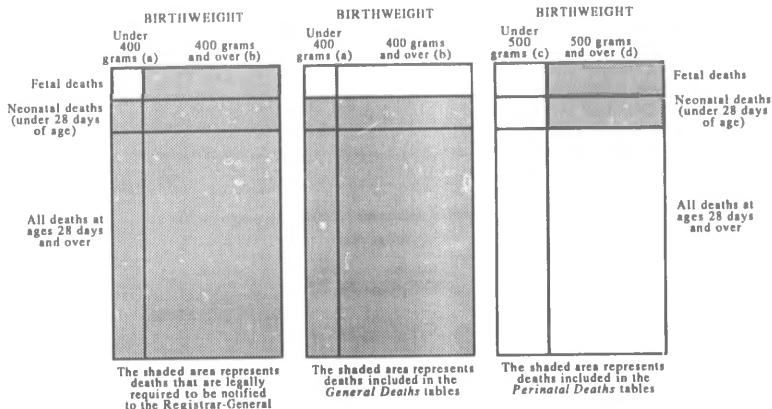
Births (3306.3) - Latest issue: 1987 (\$5.00)
Deaths (3307.3) - Latest issue: 1987 (\$5.00)
Demographic Summary (3308.3) - Latest issue: 1986 (\$5.00)
Demography: Small Area Summary (3309.3) - Latest issue: 1986 (\$7.50)
Causes of Death (3303.0) - Latest issue: 1986 (\$7.50)

25. Current publications produced by the ABS are listed in the *Catalogue of Publications* (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in *List of Publications* (Catalogue No. 1101.3). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

26. The ABS can also make available certain statistics on causes of death which are not published. Where it is not practicable to provide the required statistics by telephone, they may be available in other forms, such as microfiche, photocopy.

RELATIONSHIP BETWEEN GENERAL AND PERINATAL DEATHS



- (a) And period of gestation under 20 weeks. (b) Or period of gestation of at least 20 weeks. (c) Or period of gestation under 22 weeks if birthweight was unavailable. (d) Or period of gestation of at least 22 weeks if birthweight was unavailable.

NOTE: From the above diagram it will be noted that all neonatal deaths under 28 days of age (regardless of birthweight or period of gestation) are included as general deaths, but only those for which birthweight was 500 grams or more (or if birthweight was unavailable, period of gestation was of at least 22 weeks) are included in the perinatal tables. Neonatal deaths for which birthweight was under 500 grams numbered 16 in 1986 and 14 in 1987.

EXPLANATORY NOTES (continued)

Unpublished Statistics (continued)

computer printout or clerically extracted tabulation. A charge may be made for providing unpublished statistics in these forms.

27. For further information on these unpublished statistics contact Keith Carter by telephoning Brisbane (07) 222 6054, or write to Information Services at the address above.

28. The characteristics collected by this Office for each death are listed in Appendix A. The listing therefore indicates the various cross-tabulations by cause of death that can be produced if required.

29. A list of cause of death tabulations that are routinely produced each year is given in Appendix B.

Symbols and Other Usages

M.	Males.
F.	Females.
P.	Persons.
p	Preliminary - figure or series subject to revision.
r	Figure or series revised since previous issue.
-	Nil or less than half the final digit shown.

30. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

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25 January 1989

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SUMMARY OF FINDINGS
General Deaths

Overview of Underlying Causes of Death

There were 18,861 deaths of Queensland residents in Australia during 1987, an increase of 1,000 (5.6 per cent) on the total for the previous year.

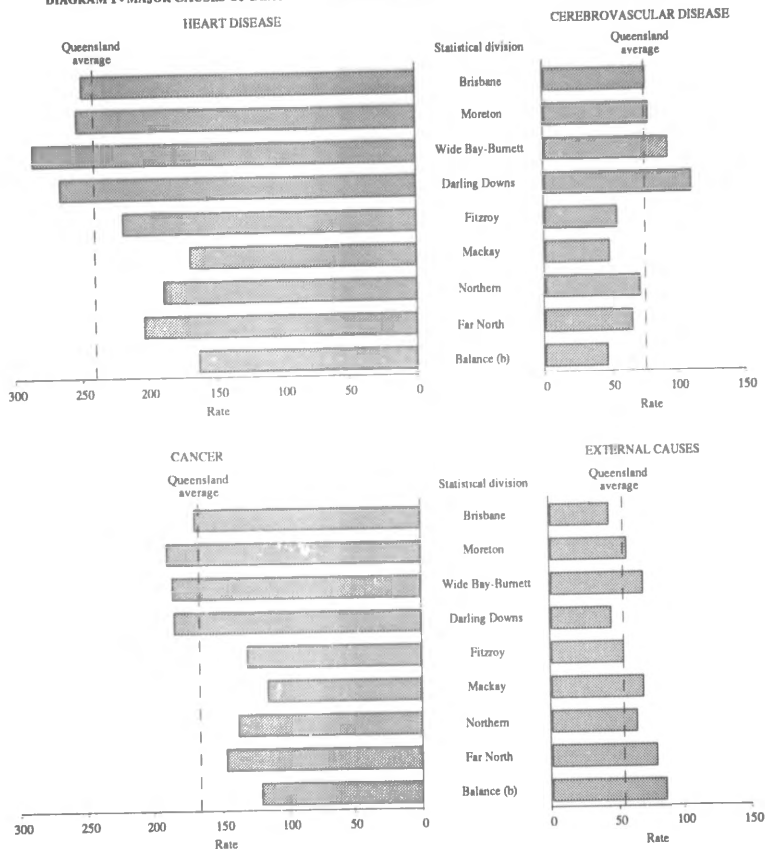
Approximately one-third (34.0 per cent) of the deaths in 1987 were due to heart disease and nearly one-quarter (23.6 per cent) were due to cancer (malignant neoplasms). Other leading causes were cerebrovascular disease, mainly stroke, (10.7 per cent), external causes such as accidents, poisonings and violence (7.7 per cent) and diseases of the respiratory system (7.2 per cent).

In 1987, the death rate (per 100,000 population) for Queenslanders was 240 for heart disease, 166 for cancer, 75 for cerebrovascular diseases and 54 for external causes. These rates vary considerably throughout the various regions of the State; in 1987 the highest death rate in the State for heart disease was the Wide Bay-Burnett Statistical Division (287 deaths per 100,000 population) while the lowest rate was for Western Queensland (with a rate of 164 for South-West, Central-West and North-West Statistical Divisions combined). Western Queensland also had the second lowest death rate for cancer (122, marginally higher than for Mackay Statistical Division) and the lowest death rate for cerebrovascular disease (46). However, the highest death rate in the State for external causes were recorded for Western Queensland. This rate (86) was almost twice that for the Brisbane Statistical Division which had the lowest rate in the State. These differences in death rates could reflect the varying age and sex distributions of the population resident in the various regions of the State.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Overview of Underlying Causes of Death (continued)

DIAGRAM 1 • MAJOR CAUSES OF DEATH: DEATH RATES (a) IN STATISTICAL DIVISIONS, QUEENSLAND, 1987



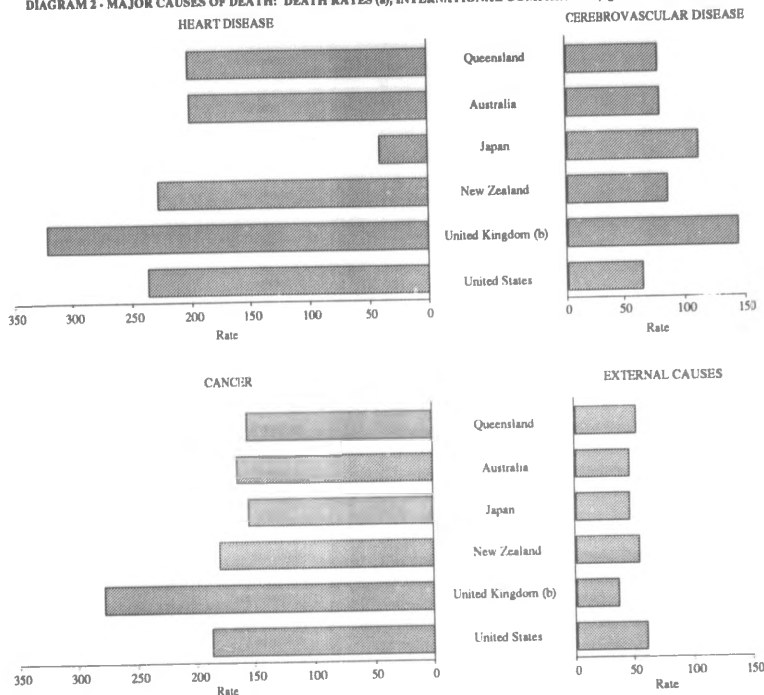
(a) Per 100,000 population. (b) Comprising South-West, Central-West and North-West Statistical Divisions.

The differences between the Queensland and national death rates for the major causes are relatively small. However, when the Australian rates are compared with those of other countries, some very significant differences occur. For example, in the case of deaths from heart disease, the rate for the United Kingdom is about 60 per cent higher than the Australian rate but the Australian rate is approximately five times the rate for Japan.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Overview of Underlying Causes of Death (continued)

DIAGRAM 2 - MAJOR CAUSES OF DEATH: DEATH RATES (a), INTERNATIONAL COMPARISONS, QUEENSLAND, 1987



(a) Deaths per 100,000 population. (b) England and Wales only.

The death rates, for Queensland residents, for the two circulatory system diseases, heart disease and cerebrovascular disease, have shown a general improvement since the early 1970s. The rate for heart disease has decreased by 25.8 per cent, from an average rate of 314 deaths per 100,000 population in 1971 to 233 in 1985 to 1987. The death rates for cerebrovascular disease have decreased even more markedly, by 40.0 per cent, from 125 to 75. In contrast, the death rates for cancer have been increasing consistently for many years, from 123 in 1971 to 173 in 1985 to 1987, i.e. by 40.7 per cent. The 1987 rate for cancer was consistent with the long-term upward trend (up by 2.5 per cent on the 1986 rate) but the 1987 rates for both heart disease and cerebrovascular disease were against the general downward trends (heart disease was up by 5.0 per cent on the 1986 rate and the rate for cerebrovascular disease was up by 4.8 per cent).

Deaths by Sex and Age

Cause of death is closely linked with both sex and age, with different causes assuming greater or less significance for males and females and for different age groups.

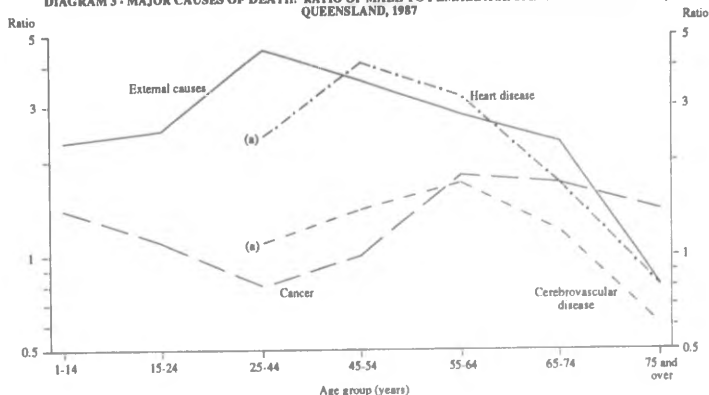
Cerebrovascular disease is much more significant as a cause of death for females than for males, being responsible for 14.0 per cent of female deaths in 1987, compared with only 8.0 per cent for males. In contrast, deaths from external causes are much more significant for males (9.8 per cent compared with 5.1 per cent for females). The proportions of deaths from heart disease and cancer were similar for males and females.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths by Sex and Age (continued)

The ratio of male to female deaths from the major causes differs markedly for the various age groups. In 1987 the death rate for males aged 45 to 54 years from heart disease was more than four times that for females but at ages 75 years and over the rates were much closer. A similar pattern applies to deaths from external causes.

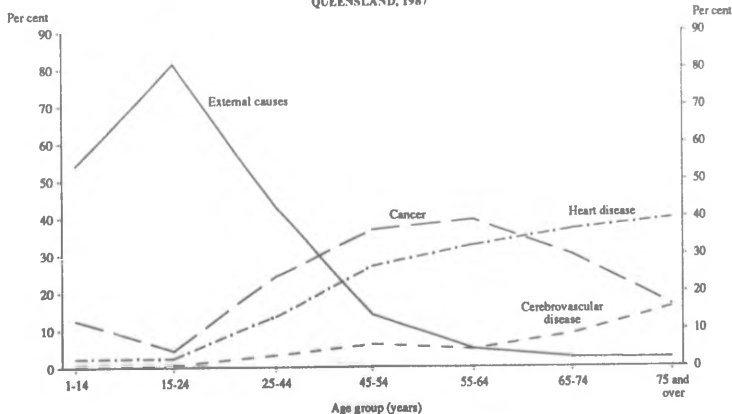
DIAGRAM 3 - MAJOR CAUSES OF DEATH: RATIO OF MALE TO FEMALE AGE-SPECIFIC DEATH RATES, QUEENSLAND, 1987



(a) Rates for younger ages are too small for useful analysis.

The significance of the major causes of death varies markedly according to age group. In 1987, heart disease was the leading cause of death for persons aged 65 years and over, cancer was the leading cause for ages 45 to 64 years and external causes were responsible for more deaths at ages under 45 years than any other cause.

DIAGRAM 4 - MAJOR CAUSES OF DEATH: PROPORTION OF ALL DEATHS IN EACH AGE GROUP, QUEENSLAND, 1987



SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths due to Heart Disease

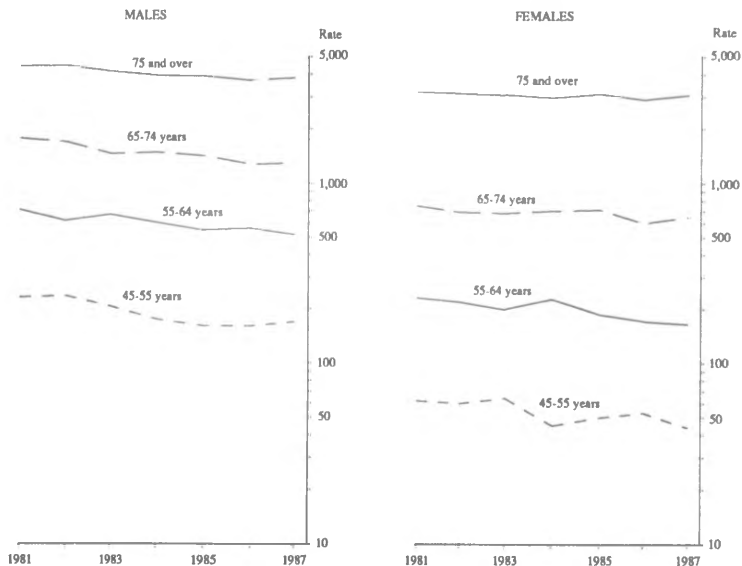
Heart disease, the leading cause of death of Queenslanders, was responsible for 33.7 per cent of the deaths of males in 1987 and for 34.5 per cent of the deaths of females.

Acute myocardial infarction (mainly heart attack) was the most common form of heart disease, accounting for 57.8 per cent of deaths from heart disease in 1987 (61.5 per cent for males and 53.2 per cent for females). Other ischaemic heart diseases (i.e. those involving restriction of the blood supply to the heart muscle) were the next most common form of heart disease. In 1987 they accounted for 26.8 per cent of all deaths from heart disease (25.8 per cent for males and 28.0 per cent for females).

The death rate (per 100,000 population) from heart disease was 264 for males and 216 for females in 1987. The rate is significantly higher for males than females for each age group but this difference becomes less with increasing age. Whereas the rate for males is approximately four times the rate for females for the age group 45 to 54 years, the rate for males aged 75 years and over is only approximately 20 per cent higher than the corresponding female rate.

The death rates for heart disease have improved over the last several years for all age groups, this being especially so for the younger ages. Between 1981 and 1987 the death rates for males aged 45 to 74 years and for females aged 45 to 64 years declined by approximately one quarter, whereas the decline for males aged 75 years and over and for females aged 65 years and over was less than half that for the younger ages.

DIAGRAM 5 - DEATHS FROM HEART DISEASE: AGE-SPECIFIC DEATH RATES (a), QUEENSLAND



(a) Deaths per 100,000 population of same age and sex.

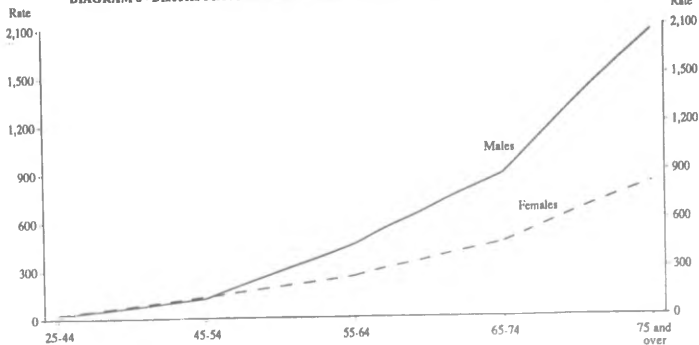
Deaths Due to Cancer (Malignant Neoplasms)

Cancer was the underlying cause of death for 25.0 per cent of the male residents of Queensland who died in 1987 and for 21.7 per cent of the females. It was the leading *natural* cause of death (i.e. excluding external causes) in 1987 for males aged 1 to 44 years and also for females aged 1 to 74 years. At older ages it is much more significant for males than for females.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths Due to Cancer (Malignant Neoplasms) (continued)

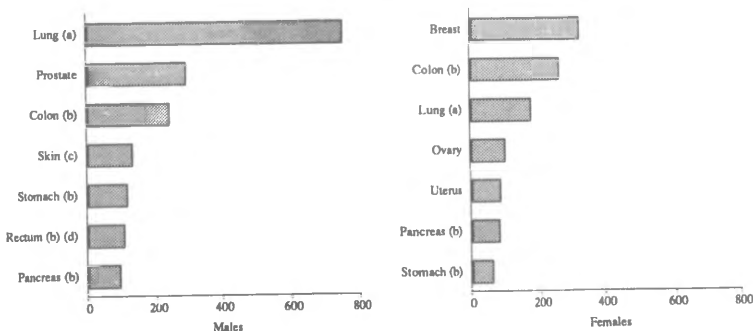
DIAGRAM 6 - DEATHS FROM CANCER: AGE-SPECIFIC DEATH RATES (a), QUEENSLAND, 1987



(a) Deaths per 100,000 population of the same age and sex.

Of all deaths from cancer, the lung (including bronchus and trachea) is the most common site of the primary growth for males whereas for females the most common site is the breast.

DIAGRAM 7 - DEATHS FROM CANCER: PRIMARY SITE OF GROWTH BY SEX, QUEENSLAND, 1987



(a) Including bronchus and trachea. (b) Digestive system organ. (c) Including melanoma. (d) Including rectosigmoid junction and anus.

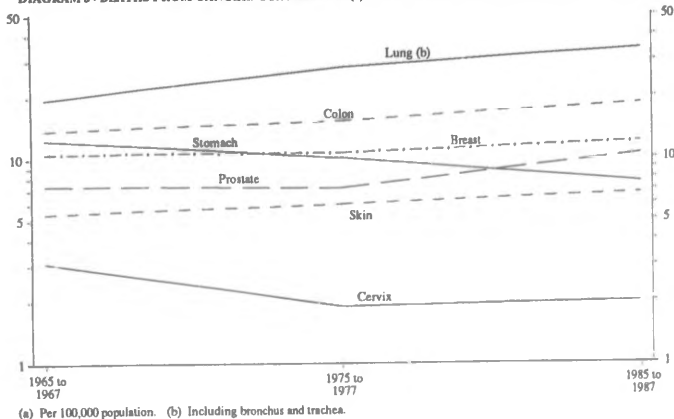
In 1987, cancer of the lung (including bronchus and trachea) accounted for 28.5 per cent of all deaths of males from cancer. Almost two-thirds of these deaths were at ages 65 years and over. In contrast, lung cancer accounted for only 9.4 per cent of female cancer deaths. However, 17.9 per cent of female cancer deaths were due to cancer of the breast and more than half of these deaths from breast cancer were at ages under 65 years.

The death rate for cancer over the last 20 years has increased by 27.3 per cent (based on the average of death rates for 1965 to 1967 and for 1985 to 1987). Over the same period the death rate for lung cancer (including bronchus and trachea) increased by 73.7 per cent, being responsible for a large proportion of the overall increase in mortality from cancer. The death rates for cancer of the colon and of the prostate also increased significantly, by 35.5 per cent and 41.9 per cent, respectively. The rates for cancer of the stomach and of the cervix have improved considerably, having decreased by 38.7 per cent and 35.5 per cent, respectively, over the period.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths Due to Cancer (Malignant Neoplasms) (continued)

DIAGRAM 8 - DEATHS FROM CANCER: DEATH RATES (a) FOR SELECTED PRIMARY SITES, QUEENSLAND

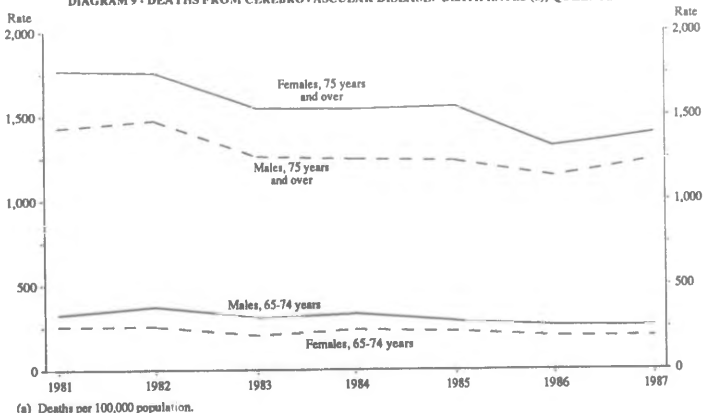


Deaths Due to Cerebrovascular Disease

This disease ranks third in the leading causes of deaths of Queensland residents. Unlike other major causes of death it is more significant for females than for males. In 1987 it was responsible for 14.0 per cent of the deaths of female residents and for 8.0 per cent of the deaths of male residents. This disease affects mainly the elderly and in 1987 almost 90 per cent of the deaths from this disease were of persons aged 65 years and over and almost 70 per cent were at ages 75 years and over.

However, the death rates for cerebrovascular disease have been declining over the last several years, especially for persons aged 75 years and over. For this age group the rate for females decreased by 21.2 per cent between 1981 and 1987 and by 13.3 per cent for males.

DIAGRAM 9 - DEATHS FROM CEREBROVASCULAR DISEASE: DEATH RATES (a), QUEENSLAND



SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths Due to Cerebrovascular Disease (continued)

Of deaths in 1987 from cerebrovascular disease, 82.0 per cent were caused by stroke, 11.9 per cent by other or ill-defined cerebrovascular diseases (mainly cerebral atherosclerosis) and 6.1 per cent by the late effects of cerebrovascular disease.

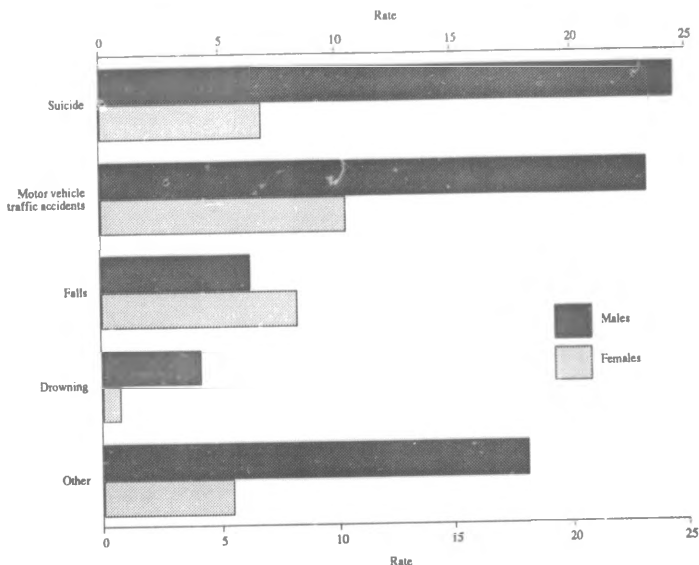
Deaths Due to External Causes

External causes of death are most significant for the younger population; in 1987 they were the leading cause of death for males in the age groups ranging from 1 year to 44 years and for females in the age groups ranging from 1 year to 24 years.

The most common external causes of death are motor vehicle traffic accidents and suicide. In 1987, motor vehicle traffic accidents accounted for 31.2 per cent of all deaths from external causes while suicides accounted for 29.0 per cent. Males greatly outnumber females for these causes; in 1987, 2.3 males were killed in motor vehicle road traffic accidents to every one female who died from this cause. This imbalance was even greater in the case of suicide, for which there were 3.6 male deaths for every female death.

For females, the death rate for motor vehicle traffic accidents was higher than for any other external cause in 1987 but for males the highest death rate was for suicide. The second highest rate for males was for motor vehicle traffic accidents whereas for females it was for falls.

DIAGRAM 10 - DEATHS FROM EXTERNAL CAUSES: DEATH RATES (a), QUEENSLAND, 1987



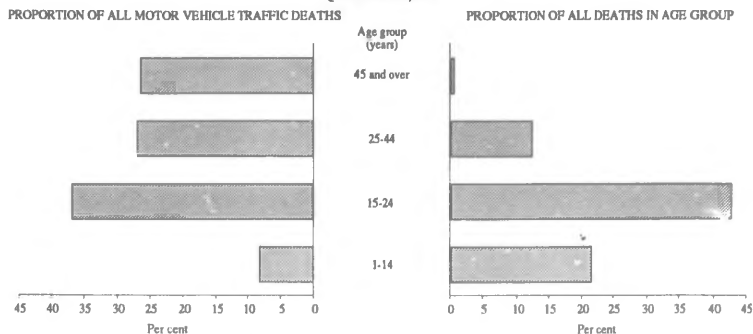
(a) Deaths per 100,000 population.

SUMMARY OF FINDINGS (continued)
General Deaths (continued)

Deaths Due to External Causes (continued)

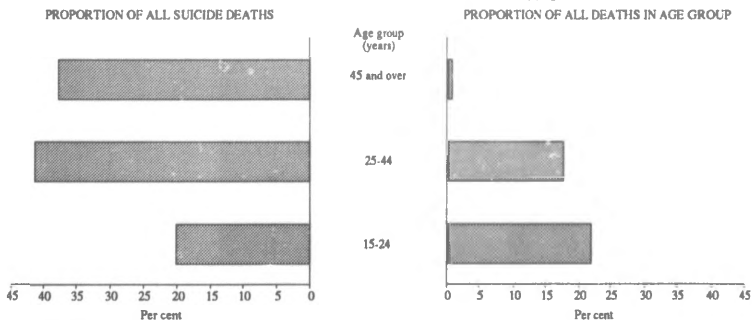
In 1987, 37.1 per cent of all deaths from motor vehicle traffic accidents were of persons aged 15 to 24 years and this cause of death accounted for 42.7 per cent of the deaths of persons in this age group, the highest proportion for any age group.

DIAGRAM 11 - DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS: PROPORTIONS BY AGE GROUP, QUEENSLAND, 1987



In 1987, 21.9 per cent of all deaths at ages 15 to 24 years and 17.7 per cent of deaths at ages 25 to 44 years were due to suicide. For these two age groups, almost four times as many males as females died by suicide.

DIAGRAM 12 - DEATHS FROM SUICIDE: PROPORTIONS BY AGE GROUP (a), QUEENSLAND, 1987



(a) No suicides were recorded for ages under 15 years.

Drowning was the leading cause of death for males aged 1 to 14 years and this group accounted for almost half of all deaths from drowning in 1987.

The majority of those dying from falls were elderly persons, especially females. In 1987, 71.8 per cent of deaths from this cause were of persons aged 75 years and over (86.4 per cent for females and 52.9 per cent for males).

Although total deaths from external causes have remained steady over the last few years, deaths from motor vehicle traffic accidents have been declining while suicides increase. Between 1985 and 1987, motor vehicle deaths decreased by 13.5 per cent and suicides increased by 22.7 per cent with the result that the total for suicides (421 in 1987) is now approaching that for motor vehicle traffic accident deaths (433 in 1987).

SUMMARY OF FINDINGS (continued)

General Deaths (continued)

Infant Deaths

There were 366 deaths of Queensland infants (aged under 1 year) during 1987, an increase of 4.3 per cent on the previous year's figure. The 1987 total represents a rate of 9.3 (per 1,000 live births). The majority (60.7 per cent) of infant deaths in 1987 were at ages under 1 month.

As in previous years, certain conditions originating in the perinatal period (e.g. prematurity and respiratory conditions) was the leading cause of death (responsible for 39.6 per cent of deaths at ages under 1 year during 1987), followed by congenital anomalies (27.6 per cent) and by sudden death of unknown causes, mainly *cot deaths* (20.2 per cent).

Infant deaths at ages under 1 month are a component of *perinatal deaths* which are examined in the following section.

Perinatal Deaths

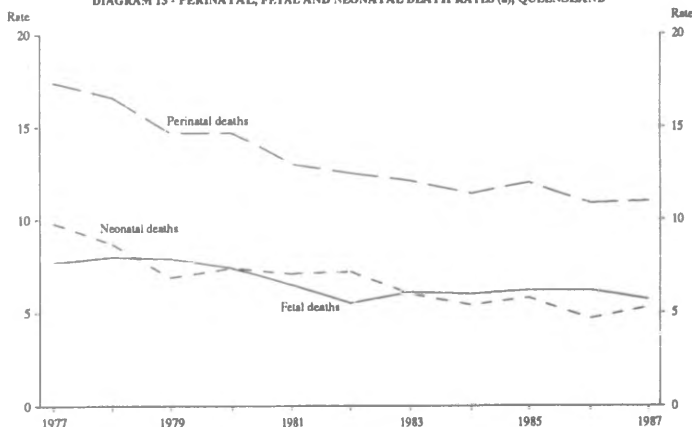
General

There were 434 perinatal deaths recorded during 1987 in respect of mothers whose usual residence was in Queensland. These comprised 227 fetal deaths (still births) and 207 neonatal deaths (i.e. infants born alive who died within 28 days of birth).

Total perinatal deaths in 1987 were seven fewer than in 1986. Fetal deaths fell by 25 but neonatal deaths increased by 18.

The perinatal death rate (deaths per 1,000 live births and still births) for 1987 was 11.0, approximately the same as for 1986, but has been in general decline for many years; between 1977 and 1987 it has decreased by 45.0 per cent.

DIAGRAM 13 - PERINATAL, FETAL AND NEONATAL DEATH RATES (a), QUEENSLAND



(a) Per 1,000 of total relevant births.

Sex Ratios

It is usual for there to be significantly more male than female perinatal deaths but in 1987 there was the same number of deaths of females as there was of males (217). For fetal deaths there were 83 males to every 100 females (112:100 in 1986) and for neonatal deaths the ratio was 123:100 (145:100 in 1986).

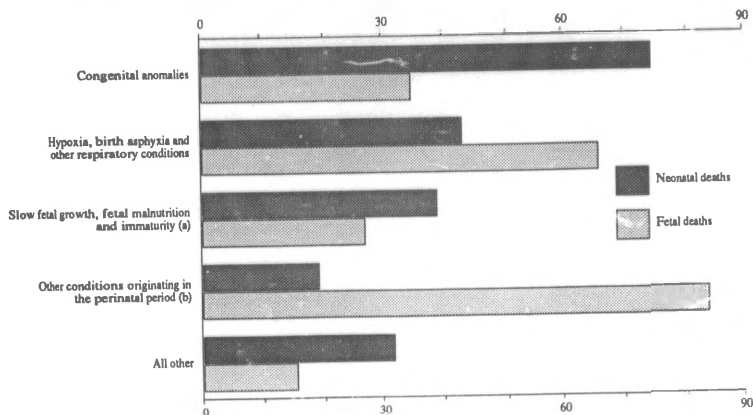
Cause of Death

Congenital anomalies are the leading cause of death for neonates, accounting for 35.7 per cent of neonatal deaths in 1987. Other leading causes were hypoxia, birth asphyxia and other respiratory conditions (20.8 per cent) and extreme immaturity (14.0 per cent).

In 37.0 per cent of fetal deaths the cause of death was classified as other conditions originating in the perinatal period. The majority of deaths included in this category were those for which the cause was not discovered. In another 29.1 per cent of fetal deaths the main cause of death was asphyxia or anoxia before or during labour (included in the group, hypoxia, birth asphyxia and other respiratory conditions).

SUMMARY OF FINDINGS (continued)
Perinatal Deaths (continued)

DIAGRAM 14 • PERINATAL DEATHS: MAIN CONDITION IN FETUS OR INFANT, QUEENSLAND, 1987



(a) The majority of these deaths were due to immaturity. (b) No cause of death was ascertained for the majority of these deaths.

As well as classifying to main condition in fetus or infant, causes of perinatal deaths are classified according to the main *maternal* condition affecting the fetus or infant. In 1987, the leading maternal condition recorded for neonatal deaths was maternal complications of pregnancy (24.2 per cent of total neonatal deaths) for which incompetent cervix, premature rupture of membranes and spontaneous abortion figured prominently. In 45.4 per cent of neonatal deaths no maternal condition affecting the infant was reported. Maternal conditions are much more significant for fetal deaths. In 51.1 per cent of these deaths in 1987, complications of the placenta, cord and membranes were reported. No maternal condition was apparent in 26.4 per cent of fetal deaths.

Maternal Age

Perinatal death rates vary considerably according to age of mother, being highest for mothers at the top end of the age range. In 1987, the perinatal death rate for mothers aged 40 years and over was 28.6 perinatal deaths per 1,000 live births and still births. Complications of the placenta, cord and membranes were the main maternal condition for 72.7 per cent of the perinatal deaths in respect of mothers in this age group. The next highest rate (16.2) was in respect of mothers aged under 20 years while the lowest rate (9.6) was for mothers aged 25 to 29 years.

1. GENERAL DEATHS

TABLE 1-DEATHS: NUMBERS, RATES AND PROPORTIONS BY CAUSE AND SEX, QUEENSLAND

Cause of death		Sex	Number of deaths			Rate per million of mean population			Proportion of total deaths (per cent)		
			1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
<i>Class I Infectious and parasitic diseases (001-139)</i>											
		M.	56	64	44	43	48	33	0.5	0.6	0.4
		F.	73	66	59	57	51	44	0.9	0.8	0.7
<i>Class II Neoplasms (140-239)</i>											
		M.	2,483	2,506	2,649	1,920	1,899	1,969	23.8	25.0	25.2
		F.	1,717	1,800	1,834	1,343	1,380	1,377	21.0	22.9	22.0
Malignant neoplasms (140-208)		M.	2,459	2,489	2,630	1,901	1,886	1,955	23.5	24.9	25.0
		F.	1,698	1,774	1,812	1,329	1,361	1,361	20.7	22.6	21.7
Lip, oral cavity and pharynx (140-149)		M.	80	58	67	62	44	50	0.8	0.6	0.6
		F.	17	20	28	13	15	21	0.2	0.3	0.3
Stomach (151)		M.	135	148	116	104	112	86	1.3	1.5	1.1
		F.	72	71	60	56	54	45	0.9	0.9	0.7
Colon (153)		M.	227	259	241	176	196	179	2.2	2.6	2.3
		F.	235	244	261	184	187	196	2.9	3.1	3.1
Liver and intrahepatic bile ducts (155)		M.	30	25	37	23	19	27	0.3	0.2	0.4
		F.	8	10	26	6	8	20	0.1	0.1	0.3
Pancreas (157)		M.	92	99	95	71	75	71	0.9	1.0	0.9
		F.	66	85	79	52	65	59	0.8	1.1	0.9
Other digestive organs and peritoneum (150, 152, 154, 156, 158, 159)		M.	172	183	201	133	139	149	1.6	1.8	1.9
		F.	130	130	155	102	100	116	1.6	1.7	1.9
Respiratory and intrathoracic organs (160-165)		M.	761	755	803	588	572	597	7.3	7.5	7.6
		F.	173	212	178	135	163	134	2.1	2.7	2.1
Melanoma of skin (172)		M.	80	85	97	62	64	72	0.8	0.8	0.9
		F.	42	45	51	33	35	38	0.5	0.6	0.6
Breast (174, 175)		M.	2	4	3	2	3	2	-	-	-
		F.	307	316	325	240	242	244	3.8	4.0	3.9
Other bone, skin and connective tissue (170, 171, 173)		M.	50	54	48	39	41	36	0.5	0.5	0.5
		F.	30	38	18	23	29	14	0.4	0.5	0.2
Genito-urinary organs (179-189)		M.	404	393	444	312	298	330	3.9	3.9	4.2
		F.	260	258	272	203	198	204	3.2	3.3	3.3
Other and unspecified sites (190-199)		M.	216	210	251	167	159	187	2.1	2.1	2.4
		F.	183	164	170	143	126	128	2.2	2.1	2.0
Lymphatic and haematopoietic tissue (200-208)		M.	210	216	227	162	164	169	2.0	2.2	2.2
		F.	175	181	189	137	139	142	2.1	2.3	2.3
Benign and unspecified neoplasms (210-239)		M.	24	17	19	19	13	14	0.2	0.2	0.2
		F.	19	26	22	15	20	17	0.2	0.3	0.3
<i>Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>											
		M.	166	190	172	128	144	128	1.6	1.9	1.6
		F.	188	190	199	147	146	149	2.3	2.4	2.4
Diabetes mellitus (250)		M.	119	129	123	92	98	91	1.1	1.3	1.2
		F.	131	135	136	102	104	102	1.6	1.7	1.6

TABLE 1 - DEATHS: NUMBERS, RATES AND PROPORTIONS BY CAUSE AND SEX, QUEENSLAND (continued)

Cause of death	Sex	Number of deaths			Rate per million of mean population			Proportion of total deaths (per cent)		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
<i>Class IV Diseases of blood and blood-forming organs (280-289)</i>	M.	33	32	37	26	24	27	0.3	0.3	0.4
	F.	36	39	31	28	30	23	0.4	0.3	0.4
Anaemias (280-285)	M.	12	18	14	9	14	10	0.1	0.2	0.1
	F.	22	21	25	17	16	19	0.3	0.3	0.3
<i>Class V Mental disorders (290-319)</i>	M.	123	139	125	95	105	93	1.2	1.4	1.2
	F.	125	128	170	98	98	128	1.5	1.6	2.0
Psychoses (290-299)	M.	87	83	90	67	63	67	0.8	0.8	0.9
	F.	102	108	154	80	83	116	1.2	1.4	1.8
Neurotic, personality and other non-psychotic mental disorders (300-316)	M.	36	54	35	28	41	26	0.3	0.5	0.3
	F.	22	18	14	17	14	11	0.3	0.2	0.2
<i>Class VI Diseases of the nervous system and sense organs (320-389)</i>	M.	151	126	161	117	95	120	1.4	1.3	1.5
	F.	128	115	127	100	88	95	1.6	1.5	1.5
<i>Class VII Diseases of the circulatory system (390-459)</i>	M.	4,570	4,438	4,698	3,533	3,362	3,492	43.8	44.4	44.6
	F.	4,274	3,990	4,300	3,344	3,060	3,229	52.2	50.8	51.6
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	3,432	3,368	3,547	2,653	2,552	2,636	32.9	33.7	33.7
	F.	2,759	2,625	2,874	2,159	2,013	2,159	33.7	33.4	34.5
Rheumatic fever and rheumatic heart disease (390-398)	M.	22	11	22	17	8	16	0.2	0.1	0.2
	F.	35	30	28	27	23	21	0.4	0.4	0.3
Hypertensive disease (401-405)	M.	59	60	53	46	45	39	0.6	0.6	0.5
	F.	80	89	80	63	68	60	1.0	1.1	1.0
Acute myocardial infarction (410)	M.	2,019	2,120	2,181	1,561	1,606	1,621	19.3	21.2	20.7
	F.	1,509	1,468	1,528	1,181	1,126	1,148	18.4	18.7	18.3
Other ischaemic heart disease (411-414)	M.	959	834	915	741	632	680	9.2	8.3	8.7
	F.	669	636	806	523	488	605	8.2	8.1	9.7
Diseases of pulmonary circulation and other forms of heart disease (415-429)	M.	402	375	400	311	284	297	3.8	3.7	3.8
	F.	499	445	471	390	341	354	6.1	5.7	5.6
Cerebrovascular disease (430-438)	M.	823	785	847	636	595	630	7.9	7.8	8.0
	F.	1,229	1,103	1,171	962	846	879	15.0	14.0	14.0
Other diseases of the circulatory system (440-459)	M.	286	253	280	221	192	208	2.7	2.5	2.7
	F.	253	219	216	198	168	162	3.1	2.8	2.6
<i>Class VIII Diseases of the respiratory system (460-519)</i>	M.	1,025	754	890	792	571	661	9.8	7.5	8.5
	F.	553	408	463	433	313	348	6.8	5.2	5.6
Pneumonia and influenza (480-487)	M.	190	101	134	147	77	100	1.8	1.0	1.3
	F.	199	126	125	156	97	94	2.4	1.6	1.5
Chronic obstructive pulmonary disease and allied conditions (490-496)	M.	721	576	676	557	436	502	6.9	5.8	6.4
	F.	269	228	275	210	175	207	3.3	2.9	3.3
<i>Class IX Diseases of the digestive system (520-579)</i>	M.	359	325	309	278	246	230	3.4	3.2	2.9
	F.	247	274	309	193	210	232	3.0	3.5	3.7
Ulcer of stomach and duodenum (531-533)	M.	66	52	46	51	39	34	0.6	0.5	0.4
	F.	48	57	70	38	44	53	0.6	0.7	0.8
Chronic liver disease and cirrhosis (571)	M.	133	125	110	103	95	82	1.3	1.2	1.0
	F.	32	33	34	25	25	26	0.4	0.4	0.4

TABLE 1-DEATHS: NUMBERS, RATES AND PROPORTIONS BY CAUSE AND SEX, QUEENSLAND (continued)

Cause of death	Sex	Number of deaths			Rate per million of mean population			Proportion of total deaths (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
Class X Diseases of the genito-urinary system (580-629) ..	M.	144	143	145	111	108	108	1.4	1.4	1.4
	F.	166	181	170	130	139	128	2.0	2.3	2.0
Nephritis, nephrotic syndrome and nephrosis (580-589) ..	M.	84	87	90	65	66	67	0.8	0.9	0.9
	F.	99	120	103	77	92	77	1.2	1.5	1.2
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	F.	3	3	7	2	2	5	-	-	0.1
Class XII Diseases of the skin and subcutaneous tissue (680-709) ..	M.	3	9	11	2	7	8	-	0.1	0.1
	F.	11	18	14	9	14	11	0.1	0.2	0.2
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739) ..	M.	30	38	33	23	29	25	0.3	0.4	0.3
	F.	68	58	63	53	44	47	0.8	0.7	0.8
Class XIV Congenital anomalies (740-759) ..	M.	93	74	83	72	56	62	0.9	0.7	0.8
	F.	67	78	49	52	60	37	0.8	1.0	0.6
Class XV Certain conditions originating in the perinatal period (760-779)	M.	80	85	67	62	64	50	0.8	0.8	0.6
	F.	73	50	79	57	38	59	0.9	0.6	0.9
Class XVI Symptoms, signs and ill-defined conditions (780-799) ..	M.	80	55	72	62	42	54	0.8	0.5	0.7
	F.	32	43	40	25	33	30	0.4	0.5	0.5
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M.	1,047	1,028	1,026	810	779	763	10.0	10.3	9.8
	F.	425	414	425	333	318	319	5.2	5.3	5.1
Motor vehicle traffic accidents (E810-E819) ..	M.	393	352	314	304	267	233	3.8	3.5	3.0
	F.	131	145	139	102	111	104	1.6	1.8	1.7
Falls (E880-E888) ..	M.	90	72	85	70	55	63	0.9	0.7	0.8
	F.	123	80	110	96	61	83	1.5	1.0	1.3
Drownings (E910) ..	M.	50	47	55	39	36	41	0.5	0.5	0.5
	F.	11	10	11	9	8	8	0.1	0.1	0.1
Suicide (E950-E959) ..	M.	264	304	329	204	230	245	2.5	3.0	3.1
	F.	79	81	92	62	62	69	1.0	1.0	1.1
Other external causes (Remainder of E800-E999) ..	M.	250	253	243	193	192	181	2.4	2.5	2.3
	F.	81	98	73	63	75	55	1.0	1.2	0.9
All causes ..	M.	10,443	10,006	10,522	8,074	7,581	7,820	100.0	100.0	100.0
	F.	8,186	7,855	8,339	6,485	6,024	6,263	100.0	100.0	100.0

TABLE 2 - DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1987

Cause of death			Sex	Age group (years)								Total
				Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75 and over	
Class I Infectious and parasitic diseases (001-139)	"	"	M.	2	2	3	4	5	4	13	11	44
			F.	2	1	1	2	2	6	19	26	59
Class II Neoplasms (140-239)	"	"	M.	1	13	11	108	190	615	859	852	2,649
			F.	1	9	8	133	196	348	509	630	1,834
Malignant neoplasms (140-208)	"	"	M.	-	13	9	108	190	613	851	846	2,630
			F.	1	9	8	131	194	344	504	621	1,812
Lip, oral cavity and pharynx (140-149)	"	"	M.	-	-	-	2	10	26	19	10	67
			F.	-	-	-	3	1	7	6	11	28
Stomach (151)	"	"	M.	-	-	-	9	3	20	26	58	116
			F.	-	-	-	3	3	8	20	26	60
Colon (153)	"	"	M.	-	-	-	5	20	66	83	67	241
			F.	-	-	-	8	24	51	67	111	261
Liver and intrahepatic bile ducts (155)	"	"	M.	-	-	-	3	5	9	15	5	37
			F.	-	-	-	1	3	6	10	4	26
Pancreas (157)	"	"	M.	-	-	-	1	6	22	36	30	95
			F.	-	-	-	2	5	10	35	27	79
Other digestive organs and peritoneum (150, 152, 154, 156, 158, 159)	"	"	M.	-	-	-	6	15	57	35	67	201
			F.	-	-	-	1	15	24	42	73	155
Respiratory and intrathoracic organs (160-165)	"	"	M.	-	-	-	12	70	219	62	44	178
			F.	-	-	-	9	21	42	24	23	97
Melanoma of skin (172)	"	"	M.	-	-	2	22	3	23	9	12	51
			F.	-	-	1	10	12	7	1	1	3
Breast (174, 175)	"	"	M.	-	-	-	-	-	1	1	1	3
			F.	-	-	-	44	59	75	66	81	325
Other bone, skin and connective tissue (170, 171, 173)	"	"	M.	-	-	-	7	-	12	15	14	48
			F.	-	-	1	2	2	3	5	5	18
Genito-urinary organs (179-189)	"	"	M.	-	1	1	9	13	68	116	236	444
			F.	-	-	1	14	24	55	103	75	272
Other and unspecified sites (190-199)	"	"	M.	-	3	2	17	19	58	85	67	251
			F.	-	4	1	18	12	33	36	66	170
Lymphatic and haematopoietic tissue (200-208)	"	"	M.	-	9	4	15	26	32	68	73	227
			F.	1	4	3	16	13	23	43	86	189
Benign and unspecified neoplasms (210-239)	"	"	M.	1	-	2	-	-	2	8	9	19
			F.	-	-	-	2	2	4	5	9	22
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	"	"	M.	1	4	1	15	12	25	38	76	172
			F.	3	4	1	13	12	18	43	105	199
Diabetes mellitus (250)	"	"	M.	-	-	-	5	7	17	34	60	123
			F.	-	-	-	5	7	15	35	74	136

TABLE 1 - DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1987 (continued)

Cause of death	Sex	Age group (years)								Total
		Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75 and over	
<i>Class IV Diseases of blood and blood-forming organs (280-289)</i>										
Anaemia (280-283)	M.	-	-	1	2	1	5	6	22	37
	F.	-	1	-	1	-	2	4	23	31
	M.	-	-	1	-	-	2	-	11	14
	F.	-	1	-	1	-	1	1	21	25
<i>Class V Mental disorders (290-319)</i>	M.	-	-	1	8	10	16	21	69	125
	F.	-	-	-	5	6	5	16	138	170
Psychoses (290-299)	M.	-	-	-	-	1	3	19	67	90
	F.	-	-	-	-	1	4	13	136	154
Neurotic, personality and other non-psychotic mental disorders (300-316)	M.	-	-	1	8	9	13	2	35	68
	F.	-	-	-	4	5	1	3	1	14
<i>Class VI Diseases of the nervous system and sense organs (320-389)</i>	M.	4	5	11	7	9	22	33	70	161
	F.	3	4	2	4	6	13	24	71	127
<i>Class VII Diseases of the circulatory system (390-459)</i>	M.	-	3	9	14	271	704	1,359	2,238	4,698
	F.	-	2	2	55	87	245	835	3,074	4,300
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	-	3	8	94	226	600	1,057	1,559	3,547
	F.	-	1	1	39	55	189	606	1,983	2,874
Rheumatic fever and rheumatic heart disease (390-398)	M.	-	-	-	5	-	6	5	6	22
	F.	-	-	-	2	1	7	9	9	28
Hypertensive disease (401-405)	M.	-	-	-	-	5	4	13	31	53
	F.	-	-	-	-	4	2	21	53	80
Acute myocardial infarction (410)	M.	-	-	2	51	136	392	708	892	2,181
	F.	-	-	-	9	25	115	387	992	1,528
Other ischaemic heart disease (411-414)	M.	-	-	1	18	59	155	254	428	915
	F.	-	-	-	7	19	54	146	580	806
Diseases of pulmonary circulation and other forms of heart disease (415-429)	M.	-	3	5	20	28	46	84	214	400
	F.	-	1	1	22	9	13	54	371	471
Cerebrovascular disease (430-438)	M.	-	-	-	17	37	71	212	509	847
	F.	-	1	1	15	26	43	183	902	1,171
Other diseases of circulatory system (440-459)	M.	-	-	-	3	6	30	83	158	280
	F.	-	-	-	-	3	11	35	167	216
<i>Class VIII Diseases of the respiratory system (460-519)</i>	M.	5	10	5	25	20	100	278	447	890
	F.	7	4	6	15	17	52	117	245	463
Pneumonia and influenza (480-487)	M.	3	5	2	8	7	14	24	71	134
	F.	4	2	2	4	2	5	14	92	125
Chronic obstructive pulmonary disease and allied conditions (490-496)	M.	-	2	2	14	11	81	235	331	676
	F.	-	1	4	10	14	44	95	107	275
<i>Class IX Diseases of the digestive system (520-579)</i>	M.	-	-	2	18	37	61	71	120	309
	F.	1	-	1	10	12	21	50	214	309
Ulcer of stomach and duodenum (531-533)	M.	-	-	1	1	-	8	11	25	46
	F.	-	-	-	-	-	4	10	56	70
Chronic liver disease and cirrhosis (571)	M.	-	-	-	14	30	37	20	9	110
	F.	-	-	-	6	10	8	6	4	34

TABLE 2 - DEATHS: CAUSE BY SEX AND AGE GROUP, QUEENSLAND, 1987 (continued)

Cause of death	Sex	Age group (years)								Total
		Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75 and over	
<i>Class X Diseases of the genito-urinary system (580-629)</i>	M.	-	-	-	3	1	15	34	92	145
	F.	-	1	1	3	3	19	38	105	170
<i>Nephritis, nephrotic syndrome and nephrosis (580-589)</i>	M.	-	-	-	2	1	8	22	57	90
	F.	-	-	1	1	1	9	27	64	103
<i>Class XI Complications of pregnancy, childbirth and the puerperium (630-676)</i>	F.	-	-	2	5	-	-	-	-	7
<i>Class XII Diseases of the skin and subcutaneous tissue (680-709)</i>	M.	-	-	-	-	1	2	2	6	11
	F.	-	-	-	-	-	-	-	14	14
<i>Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)</i>	M.	-	-	-	-	1	1	14	17	33
	F.	-	1	-	5	-	7	18	32	63
<i>Class XIV Congenital anomalies (740-759)</i>	M.	63	10	4	2	1	1	2	-	83
	F.	38	5	-	3	-	1	-	2	49
<i>Class XV Certain conditions originating in the perinatal period (760-779)</i>	M.	67	-	-	-	-	-	-	-	67
	F.	78	1	-	-	-	-	-	-	79
<i>Class XVI Symptoms, signs and ill-defined conditions (780-799)</i>	M.	53	-	1	1	2	3	4	8	72
	F.	22	1	-	1	-	-	-	16	40
<i>Class XVII Accidents, poisonings and violence (external causes) (E800-E999)</i>	M.	11	66	228	348	115	86	78	94	1,026
	F.	4	29	92	78	32	31	34	125	425
<i>Motor vehicle traffic accidents (E810-E819)</i>	M.	2	23	107	98	27	18	24	15	314
	F.	1	15	61	25	8	10	10	9	199
<i>Falls (E880-E888)</i>	M.	-	2	3	6	7	12	10	45	85
	F.	-	-	-	1	-	1	12	95	110
<i>Drownings (E910)</i>	M.	3	25	6	11	-	2	6	1	55
	F.	2	6	-	-	-	1	1	1	11
<i>Suicide (E950-E959)</i>	M.	-	-	67	141	46	33	23	19	329
	F.	-	-	19	34	18	10	7	4	92
<i>Other external causes (Remainder of E800-E999)</i>	M.	6	16	45	92	34	21	15	14	243
	F.	1	8	12	17	6	9	4	16	73
<i>All causes -</i>	M.	207	113	277	655	676	1,660	2,812	4,122	10,522
	F.	159	63	116	333	373	768	1,707	4,820	8,339
<i>Rate per 1,000 persons of same sex and age group (a)</i>	M.	10.2	0.4	1.2	1.6	5.0	14.3	34.3	100.3	7.8
	F.	8.3	0.2	0.5	0.8	3.0	6.7	18.3	74.6	6.3

(a) For ages under 1 year the rates are per 1,000 live births of the same sex.

TABLE 3 - DEATHS AT AGES UNDER 1 YEAR: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Congenital anomalies (740-759)	M.	73	56	63	3.50	2.69	3.10	29	27	30
	F.	48	54	38	2.45	2.76	1.99	29	37	24
Congenital anomalies of nervous system (740-742)	M.	16	12	11	0.77	0.58	0.54	6	6	5
	F.	10	14	10	0.51	0.71	0.52	6	10	6
Congenital anomalies of circulatory system (745-747)	M.	20	13	20	0.96	0.63	0.99	8	6	10
	F.	13	19	7	0.66	0.97	0.37	8	13	4
Certain conditions originating in the perinatal period (760-779)	M.	79	84	67	3.79	4.04	3.30	32	41	32
	F.	73	50	78	3.73	2.55	4.09	45	34	49
Disorders relating to short gestation and unspecified low birthweight (765)	M.	21	21	23	1.15	1.01	1.13	8	10	11
	F.	27	13	29	1.38	0.66	1.52	17	9	18
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	M.	32	36	29	1.54	1.73	1.43	13	18	14
	F.	27	20	22	1.38	1.02	1.15	17	14	14
Symptoms, signs and ill-defined conditions (780-799)	M.	60	43	53	2.88	2.07	2.61	24	21	26
	F.	23	22	22	1.17	1.12	1.15	14	15	14
Sudden death, cause unknown (798)	M.	60	43	53	2.88	2.07	2.61	24	21	26
	F.	23	22	21	1.17	1.12	1.10	14	15	13
All causes ..	M.	248	204	207	11.90	9.82	10.20	100	100	100
	F.	163	147	159	8.32	7.50	8.34	100	100	100

(a) Per 1,000 live births during the year shown.

TABLE 4 - DEATHS AT AGES 1 TO 14 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Neoplasms (140-239)	M.	21	23	13	7	8	4	18	21	12
	F.	12	20	9	4	7	3	15	25	14
Malignant neoplasms of lymphatic and haematopoietic tissue (200-208)	M.	12	7	9	4	2	3	10	6	8
	F.	3	10	4	1	3	1	4	13	6
Diseases of the nervous system and sense organs (320-389)	M.	10	8	5	3	3	2	8	7	4
	F.	4	3	4	1	1	1	5	4	6
Congenital anomalies (740-759)	M.	8	5	10	3	2	3	7	5	9
	F.	6	12	5	2	4	2	7	15	8
Accidents, poisonings and violence (E800-E999)	M.	61	53	66	20	17	22	52	49	58
	F.	37	32	29	13	11	10	46	41	46
Motor vehicle traffic accidents (E810-E819)	M.	21	22	23	7	7	8	18	20	20
	F.	14	11	15	5	4	5	17	14	24
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	M.	20	12	27	7	4	9	17	11	24
	F.	8	6	6	3	2	2	10	8	10
All causes ..	M.	118	109	113	39	36	31	100	100	100
	F.	81	79	63	28	27	22	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 5 - DEATHS AT AGES 15 TO 24 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death					Sex	Number			Rate (a)			Proportion (per cent)		
						1985	1986	1987	1985 τ	1986 τ	1987	1985	1986	1987
Neoplasms (140-239)	..	..	..	..	M.	23	15	11	10	7	5	7	5	4
					F.	13	6	8	6	3	4	11	5	7
Accidents, poisonings and violence (E800-E999)	..	..	..	..	M.	288	238	228	129	104	98	84	84	82
					F.	67	68	92	31	41	57	57	62	79
Motor vehicles traffic accidents (E810-E819)	..	..	..	..	M.	169	129	107	76	56	46	49	45	39
					F.	37	45	61	17	20	27	32	41	53
Suicide (E950-E959)	..	..	..	..	M.	67	44	61	30	19	29	20	15	24
					F.	14	13	19	7	6	9	12	12	16
All causes ..	..	..	..	..	M.	342	285	277	153	124	119	100	100	100
					F.	117	110	116	54	50	52	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 6 - DEATHS AT AGES 25 TO 44 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death					Sex	Number			Rate (a)			Proportion (per cent)		
						1985	1986	1987	1985 τ	1986 τ	1987	1985	1986	1987
Neoplasms (140-239)	..	..	..	..	M.	97	105	108	25	26	26	14	15	16
					F.	116	128	133	31	33	33	39	41	40
Malignant neoplasm of bone, connective tissue, skin and breast (170-175)	..	..	..	..	M.	14	22	29	4	5	7	2	3	4
					F.	52	49	56	14	13	14	18	16	17
Diseases of the circulatory system (390-459)	..	..	..	..	M.	117	129	114	30	32	28	17	18	17
					F.	45	43	55	12	11	14	15	14	17
Acute myocardial infarction (410)	..	..	..	..	M.	42	58	51	11	14	12	6	8	8
					F.	11	8	9	3	2	2	4	3	3
Cerebrovascular disease (430-438)	..	..	..	..	M.	10	16	17	3	4	4	1	2	3
					F.	18	12	15	5	3	4	6	4	5
Accidents, poisonings and violence (E800-E999)	..	..	..	..	M.	342	361	348	87	89	84	51	52	53
					F.	82	95	78	22	24	19	28	31	23
Motor vehicle traffic accidents (E810-E819)	..	..	..	..	M.	124	112	98	32	28	24	18	16	15
					F.	32	35	25	8	9	6	11	11	8
Suicide (E950-E959)	..	..	..	..	M.	111	138	141	28	34	34	16	20	22
					F.	22	32	34	6	8	8	7	10	10
All causes ..	..	..	..	..	M.	674	700	655	172	174	158	100	100	100
					F.	295	310	333	76	79	83	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 7 - DEATHS AT AGES 45 TO 54 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
Neoplasms (140-239)	M.	208	202	190	166	156	142	31	31	28
	F.	184	172	196	157	143	156	50	48	53
Malignant neoplasms (140-208)	M.	207	201	190	166	156	142	31	31	28
	F.	181	170	194	154	141	154	49	47	52
Lip, oral cavity and pharynx (140-149)	M.	6	5	10	5	4	7	1	1	1
	F.	2	1	2	2	1	1	1	1	-
Stomach (151)	M.	10	9	3	8	7	2	1	1	1
	F.	5	2	3	4	2	2	1	4	3
Colon (153)	M.	33	26	20	26	20	15	5	6	6
	F.	21	22	24	18	18	19	3	4	4
Other digestive organs and peritoneum (150, 152, 154-159)	M.	21	28	26	17	22	18	5	4	6
	F.	17	13	23	14	11	18	5	9	10
Respiratory and intrathoracic organs (160-165)	M.	70	57	70	56	44	52	10	9	6
	F.	19	22	21	16	18	17	5	6	6
Melanoma of skin (172)	M.	12	11	3	10	9	2	2	2	-
	F.	9	6	12	8	5	10	2	2	3
Breast (174, 175)	M.	-	1	-	-	1	-	-	-	16
	F.	45	46	59	38	38	47	12	13	2
Genito-urinary organs (179-189)	M.	13	14	13	10	11	10	2	2	2
	F.	28	29	24	24	24	19	8	8	6
Other and unspecified sites (190-199)	M.	24	25	19	19	19	14	4	3	3
	F.	18	12	12	15	10	10	3	3	4
Lymphatic and haematopoietic tissue (200-208)	M.	17	21	26	14	16	19	3	2	3
	F.	13	9	13	11	7	10	4	2	3
Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M.	7	15	12	6	12	9	1	2	2
	F.	6	9	12	5	7	10	2	2	3
Diabetes mellitus (250)	M.	4	8	7	3	6	5	1	1	1
	F.	2	6	7	2	5	6	1	2	2
Diseases of the nervous system and sense organs (320-389)	M.	5	4	9	4	3	7	1	1	1
	F.	6	2	6	5	2	5	2	1	2
Diseases of the circulatory system (390-459)	M.	242	246	271	194	190	202	36	38	40
	F.	84	93	87	71	77	69	23	26	23
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	200	206	226	160	160	169	30	32	33
	F.	59	64	55	50	53	44	16	18	15
Acute myocardial infarction (410)	M.	127	121	136	102	94	101	19	19	20
	F.	32	38	25	27	31	20	9	10	7
Other ischaemic heart disease (411-414)	M.	51	56	59	41	43	44	8	9	9
	F.	14	8	19	12	7	15	4	2	5
Other forms of heart disease (420-429)	M.	16	26	28	13	20	21	2	4	4
	F.	5	11	9	4	9	7	1	3	2
Cerebrovascular disease (430-438)	M.	34	33	37	27	26	28	5	5	5
	F.	23	27	26	20	22	21	6	7	7

TABLE 7 - DEATHS AT AGES 45 TO 54 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND (continued)

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
<i>Diseases of the respiratory system (460-519)</i>	M.	37	23	20	30	18	15	6	4	3
	F.	22	20	17	19	17	14	6	6	5
Pneumonia and influenza (480-487)	M.	10	5	7	8	4	5	1	1	1
	F.	5	3	2	4	2	2	1	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	M.	21	18	11	17	14	8	3	3	2
	F.	14	16	14	12	13	11	4	4	4
<i>Diseases of the digestive system (520-579)</i>	M.	34	32	37	27	25	28	5	5	5
	F.	10	19	12	9	16	10	3	5	3
Chronic liver disease and cirrhosis (571)	M.	20	19	30	16	15	22	3	3	4
	F.	6	7	10	5	6	8	2	2	3
<i>Diseases of the genito-urinary system (580-629)</i>	M.	5	4	1	4	3	1	1	1	-
	F.	9	1	3	8	1	2	2	-	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	M.	5	4	1	4	3	1	1	1	-
	F.	6	1	1	5	1	1	2	-	-
<i>Accidents, poisonings and violence (E800-E999)</i>	M.	113	103	115	90	80	86	17	16	17
	F.	37	32	32	31	27	25	10	9	9
Motor vehicle traffic accidents (E810-E819)	M.	24	22	27	19	17	20	4	3	4
	F.	16	13	8	14	11	6	4	4	2
Suicide (E950-E959)	M.	32	42	46	26	33	34	5	6	7
	F.	16	14	18	14	12	14	4	4	5
All causes	M.	670	651	676	536	504	504	100	100	100
	F.	368	362	373	313	300	297	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June at the year shown.

TABLE 8 - DEATHS AT AGES 55 TO 64 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
<i>Neoplasms (140-239)</i>	M.	571	547	615	503	474	530	33	33	37
	F.	357	354	348	315	310	303	41	44	43
<i>Malignant neoplasms (140-208)</i>	M.	570	543	613	502	470	528	33	33	37
	F.	356	352	344	314	308	300	41	44	45
Lip, oral cavity and pharynx (140-149)	M.	26	26	26	23	23	22	1	2	2
	F.	5	4	7	4	3	6	1	1	1
Stomach (151)	M.	27	36	20	24	31	17	1	1	1
	F.	7	5	8	6	48	57	3	3	4
Colon (153)	M.	59	55	66	52	48	37	6	5	7
	F.	54	42	51	48	37	44	6	5	7
Rectum, rectosigmoid junction and anus (154)	M.	15	21	29	13	18	25	1	1	2
	F.	7	10	9	6	9	8	1	1	1
Pancreas (157)	M.	20	20	22	18	17	19	1	1	1
	F.	14	24	10	12	21	9	2	3	2
Other digestive organs and peritoneum (150, 152, 155, 156, 158, 159)	M.	38	36	37	33	31	32	2	2	3
	F.	18	16	21	16	14	18	2	2	3
Respiratory and intrathoracic organs (160-165)	M.	212	200	219	187	173	189	12	12	13
	F.	60	58	42	53	51	37	7	7	5
Breast (174, 175)	M.	1	1	1	1	1	1	—	—	—
	F.	69	74	75	61	65	65	8	9	10
Other bone, skin and connective tissue (170-173)	M.	29	20	35	26	17	30	2	1	2
	F.	15	12	10	13	10	9	2	1	1
Genito-urinary organs (179-189)	M.	49	47	55	43	46	48	6	7	7
	F.	49	53	58	43	36	50	3	3	3
Other and unspecified sites (190-199)	M.	49	42	58	43	36	50	3	3	3
	F.	34	28	33	30	24	29	4	3	4
Lymphatic and haematopoietic tissue (200-208)	M.	45	39	32	40	34	28	3	2	2
	F.	24	26	23	21	23	20	3	3	3
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	M.	30	28	25	26	24	22	2	2	2
	F.	29	13	18	26	11	16	3	2	2
Diabetes mellitus (250)	M.	22	18	17	19	16	15	1	1	1
	F.	23	11	15	20	10	13	3	1	2
<i>Diseases of the nervous system and sense organs (320-389)</i>	M.	25	12	22	22	10	19	1	1	1
	F.	14	9	13	12	8	11	2	1	2
<i>Diseases of the circulatory system (390-459)</i>	M.	761	760	704	670	658	607	44	46	42
	F.	297	282	245	262	247	214	34	35	32
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	620	645	600	546	558	517	36	39	36
	F.	211	195	189	186	171	165	24	24	25
Acute myocardial infarction (410)	M.	375	433	392	330	375	338	22	26	24
	F.	128	131	115	113	115	100	15	16	15
Other ischaemic heart disease (411-414)	M.	187	161	155	165	199	134	11	10	9
	F.	48	38	54	42	33	47	6	5	7
Other forms of heart disease (420-429)	M.	42	40	44	37	35	38	2	2	3
	F.	22	16	12	19	14	10	3	2	2

TABLE 8 - DEATHS AT AGES 55 TO 64 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND (continued)

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
Cerebrovascular disease (430-438)	M.	104	83	71	92	72	61	6	5	4
	F.	69	70	43	61	61	37	8	9	6
Disease of arteries, arterioles and capillaries (440-448)	M.	30	24	26	26	21	22	2	1	2
	F.	13	11	9	11	10	8	2	1	1
Diseases of the respiratory system (460-519)	M.	130	93	100	115	81	86	7	6	6
	F.	59	41	52	52	36	45	7	5	7
Chronic obstructive pulmonary disease and allied conditions (490-496)	M.	99	77	81	87	67	70	6	5	5
	F.	40	31	44	35	27	38	5	4	6
Diseases of the digestive system (520-579)	M.	78	71	61	69	61	53	4	4	4
	F.	22	27	21	19	24	18	3	3	3
Chronic liver disease and cirrhosis (571)	M.	49	41	37	43	35	32	3	2	2
	F.	12	8	8	11	7	7	1	1	1
Diseases of the genito-urinary system (580-629)	M.	15	9	15	13	8	13	1	1	1
	F.	17	18	19	15	16	17	2	2	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	M.	12	6	8	11	5	7	1	-	-
	F.	12	16	9	11	14	8	1	2	1
Accidents, poisonings and violence (E800-E999)	M.	105	101	86	92	87	74	6	6	5
	F.	40	42	31	35	37	27	5	5	4
Motor vehicle traffic accidents (E810-E819)	M.	23	23	18	20	20	16	1	1	1
	F.	16	18	10	14	16	9	2	2	1
Suicide (E950-E959)	M.	28	40	33	25	35	28	2	2	2
	F.	11	9	10	10	8	9	1	1	1
All causes	M.	1,737	1,666	1,660	1,530	1,443	1,431	100	100	100
	F.	863	806	768	762	705	670	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 9 - DEATHS AT AGES 65 TO 74 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 †	1986 †	1987	1985	1986	1987
<i>Neoplasms (140-239)</i>	M.	781	853	859	1,035	1,083	1,046	28	31	31
	F.	454	513	509	522	569	546	27	31	31
<i>Malignant neoplasms (140-208)</i>	M.	773	847	851	1,025	1,076	1,037	28	31	30
	F.	450	506	504	518	561	540	27	31	30
Stomach (151)	M.	42	57	26	56	72	32	2	1	1
	F.	16	14	20	18	16	21	1	1	1
Colon (153)	M.	65	76	83	86	97	101	2	3	3
	F.	67	70	67	77	78	72	4	4	4
Pancreas (157)	M.	40	35	36	53	44	44	1	1	1
	F.	18	21	35	21	23	38	1	1	2
Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	M.	57	77	71	76	98	86	2	3	3
	F.	35	38	52	40	42	56	2	2	3
Respiratory and intrathoracic organs (160-165)	M.	281	291	307	373	370	374	10	11	11
	F.	50	67	62	58	74	66	3	4	4
Breast (174, 175)	M.	1	1	1	1	1	1	-	-	-
	F.	71	84	66	82	93	71	4	5	4
Prostate (185)	M.	79	96	75	105	122	91	3	4	3
Other genito-urinary organs (179-184, 186-189)	M.	42	36	41	56	46	50	2	1	1
	F.	85	91	103	98	101	110	5	6	6
Other and unspecified sites (190-199)	M.	56	60	85	74	76	104	2	2	3
	F.	47	47	36	54	52	39	3	3	2
Lymphatic and haematopoietic tissue (200-208)	M.	49	62	68	65	79	83	2	2	2
	F.	48	49	43	55	54	46	3	3	3
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	M.	49	54	38	65	69	46	2	2	1
	F.	45	42	43	52	47	46	3	3	3
Diabetes mellitus (250)	M.	36	43	34	48	55	41	1	2	1
	F.	29	29	35	33	32	38	2	2	2
<i>Diseases of the nervous system and sense organs (320-389)</i>	M.	37	29	33	49	37	40	1	1	1
	F.	27	23	24	31	26	26	2	1	1
<i>Diseases of the circulatory system (390-459)</i>	M.	1,371	1,279	1,359	1,818	1,624	1,656	50	47	48
	F.	848	768	835	976	852	895	51	47	49
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	1,064	996	1,057	1,411	1,265	1,288	39	36	38
	F.	619	541	606	712	600	649	37	33	36
Acute myocardial infarction (410)	M.	674	698	708	894	886	862	24	26	25
	F.	410	357	387	472	396	415	25	22	23
Other ischaemic heart disease (411-414)	M.	293	221	254	388	281	309	11	8	9
	F.	124	117	146	143	130	156	7	7	9
Other forms of heart disease (420-429)	M.	83	63	80	110	80	97	3	2	3
	F.	62	50	48	71	55	51	4	3	3
Cerebrovascular disease (430-438)	M.	214	204	212	284	259	258	8	7	8
	F.	195	176	183	224	195	196	12	11	11
Diseases of arteries, arterioles and capillaries (440-448)	M.	82	65	78	109	83	95	3	2	3
	F.	23	37	29	26	41	31	1	2	2

TABLE 9 - DEATHS AT AGES 65 TO 74 YEARS: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND (continued)

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
<i>Diseases of the respiratory system (460-519)</i>	M.	285	244	278	378	310	339	10	9	10
	F.	117	100	117	135	111	125	7	6	7
<i>Pneumonia and influenza (480-487)</i>	M.	35	21	24	46	27	29	1	1	1
	F.	27	11	14	31	12	15	2	1	1
<i>Chronic obstructive pulmonary disease and allied conditio... (490-496)</i>	M.	227	209	235	301	265	286	8	8	8
	F.	80	82	95	92	91	102	5	5	6
<i>Diseases of the digestive system (520-579)</i>	M.	85	88	71	113	112	86	3	3	3
	F.	46	46	50	53	51	54	3	3	3
<i>Diseases of the genito-urinary system (580-629)</i>	M.	32	35	34	42	44	41	1	1	1
	F.	42	50	38	48	55	41	3	3	2
<i>Nephritis, nephrotic syndrome and nephrosis (580-589)</i>	M.	15	18	22	20	23	27	1	1	1
	F.	31	31	27	36	34	29	2	2	2
<i>Accidents, poisonings and violence (E800-E999)</i>	M.	65	82	78	86	104	95	2	3	3
	F.	40	37	34	46	41	36	2	2	2
<i>All causes</i>	M.	2,763	2,731	2,812	3,663	3,469	3,426	100	100	100
	F.	1,663	1,648	1,707	1,914	1,828	1,830	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 10 - DEATHS AT AGES 75 YEARS AND OVER: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND

Cause of death	Sex	Number			Rate (a)			Proportion (per cent)		
		1985	1986	1987	1985 r	1986 r	1987	1985	1986	1987
Neoplasms (140-239)	M.	779	758	852	2,100	1,942	2,074	20	21	21
	F.	578	604	630	980	979	975	12	14	13
Malignant neoplasms (140-208)	M.	773	754	846	2,084	1,931	2,059	20	21	21
	F.	572	591	621	969	958	961	12	13	13
Stomach (151)	M.	49	41	58	132	105	141	1	1	1
	F.	42	46	26	71	75	40	1	1	1
Colon (153)	M.	63	90	67	170	231	163	2	2	2
	F.	89	99	111	151	160	172	2	2	2
Other digestive organs and peritoneum (150, 152, 154-159)	M.	93	73	102	251	187	248	2	2	2
	F.	90	95	104	153	154	161	2	2	2
Respiratory and intrathoracic organs (160-165)	M.	182	190	195	491	487	475	5	5	5
	F.	40	52	44	68	84	68	1	1	1
Breast (174, 175)	M.	-	1	1	-	3	2	-	-	-
	F.	83	74	81	141	120	125	2	2	2
Genito-urinary organs (179-189)	M.	213	194	236	574	497	574	5	5	6
	F.	73	65	75	124	105	116	2	1	2
Other and unspecified sites (190-199)	M.	60	53	67	162	136	163	2	1	2
	F.	61	58	66	103	94	102	1	1	1
Lymphatic and haematopoietic tissue (200-208)	M.	61	68	73	164	174	178	2	2	2
	F.	72	70	86	122	113	133	2	2	2
Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M.	66	73	76	178	187	185	2	2	2
	F.	98	114	105	166	185	162	2	3	2
Diabetes mellitus (250)	M.	51	55	60	137	141	146	1	2	1
	F.	76	87	74	129	141	114	2	2	2
Mental disorders (290-319)	M.	74	71	69	199	182	168	2	2	2
	F.	103	96	138	175	156	213	2	2	3
Organic psychotic conditions (290-294)	M.	68	64	64	183	164	156	2	2	2
	F.	91	91	132	154	147	204	2	2	3
Diseases of the nervous system and sense organs (320-389)	M.	53	49	70	143	126	170	1	1	2
	F.	61	64	71	103	104	110	1	1	1
Diseases of the circulatory system (390-459)	M.	2,062	2,014	2,238	5,559	5,159	5,448	53	55	54
	F.	2,990	2,789	3,074	5,067	4,519	4,756	64	63	64
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M.	1,441	1,405	1,559	3,885	3,691	3,795	37	38	38
	F.	1,843	1,789	1,983	3,123	2,899	3,068	40	41	41
Hypertensive disease (401-405)	M.	27	30	31	73	77	75	1	1	1
	F.	49	61	53	83	99	82	1	1	1
Acute myocardial infarction (410)	M.	801	809	892	2,159	2,072	2,171	21	22	22
	F.	928	934	992	1,573	1,513	1,535	20	21	21
Other ischaemic heart disease (411-414)	M.	401	369	428	1,081	945	1,042	10	10	10
	F.	481	466	580	815	755	897	10	11	12
Other forms of heart disease (420-429)	M.	209	201	209	563	515	509	5	5	5
	F.	381	337	365	646	546	565	8	8	8
Cerebrovascular disease (430-438)	M.	457	446	509	1,232	1,142	1,239	12	12	12
	F.	919	814	902	1,557	1,319	1,395	20	19	19

TABLE 10 - DEATHS AT AGES 75 YEARS AND OVER: NUMBERS, RATES AND PROPORTIONS BY MAIN CAUSE AND SEX, QUEENSLAND (continued)

Cause of death		Sex	Number			Rate (a)			Proportion (per cent)		
			1983	1986	1987	1983 r	1986 r	1987	1983	1986	1987
Diseases of arteries, arterioles and capillaries (440-448)	..	M.	151	139	151	407	356	368	4	4	4
		F.	209	152	151	354	246	234	5	3	3
Diseases of the respiratory system (460-519)	..	M.	318	361	447	1,396	925	1,088	13	10	11
		F.	315	219	245	534	355	379	7	5	5
Pneumonia and influenza (480-487)	..	M.	101	56	71	272	143	173	3	2	2
		F.	145	96	92	246	156	142	3	2	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	..	M.	351	252	331	946	645	806	9	7	8
		F.	114	85	107	193	138	166	2	2	2
Diseases of the digestive system (520-579)	..	M.	129	99	120	348	254	292	3	3	3
		F.	162	173	214	275	280	331	3	4	4
Diseases of the genito-urinary system (580-629)	..	M.	83	93	92	224	238	224	2	2	2
		F.	96	110	105	163	178	162	2	3	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	..	M.	48	59	57	129	151	139	1	2	1
		F.	50	72	64	85	117	99	1	2	1
Accidents, poisonings and violence (E800-E999)	..	M.	64	82	94	173	210	229	2	2	2
		F.	117	105	125	198	170	193	3	2	3
Accidental falls (E880-E888)	..	M.	40	41	45	108	105	110	1	1	1
		F.	91	71	95	154	115	147	2	2	2
All causes ..	..	M.	3,891	3,660	4,122	10,499	9,375	10,834	100	100	100
		F.	4,636	4,393	4,820	7,856	7,118	7,487	100	100	100

(a) Per 100,000 estimated resident population of the same sex and age group at 30 June of the year shown.

TABLE 11 - DEATHS: CAUSE BY SEX IN STATISTICAL DIVISIONS, QUEENSLAND, 1967

Cause of death	Sex	Statistical division								Total Queensland	
		Brisbane	Moreton	Wide Bay-Burnett	Darling Downs	Fitzroy	Mackay	Northern	Far North		Balance (a)
<i>Class I Infectious and parasitic diseases (001-139)</i>	M.	11	12	3	1	2	2	4	7	2	44
	F.	30	7	1	5	2	1	2	9	2	59
<i>Class II Neoplasms (140-239)</i>	M.	1,213	482	189	200	124	85	144	154	58	2,649
	F.	880	321	131	139	90	39	99	92	41	1,834
<i>Malignant neoplasms (140-208)</i>	M.	1,201	480	188	199	123	84	144	154	57	2,630
	F.	867	319	131	139	89	38	96	92	41	1,812
Lip, oral cavity and pharynx (140-149)	M.	29	7	4	5	5	3	7	6	1	67
	F.	13	5	1	3	2	-	3	5	-	28
Stomach (151)	M.	60	17	7	13	6	1	7	1	-	116
	F.	34	14	2	4	2	1	2	1	-	60
Colon (153)	M.	112	49	19	17	13	6	9	12	4	241
	F.	125	58	13	19	11	5	12	13	5	261
Liver and intrahepatic bile ducts (155)	M.	22	5	-	5	1	-	2	-	2	37
	F.	12	4	2	3	2	1	1	-	1	26
Pancreas (157)	M.	40	17	7	5	6	1	7	9	3	95
	F.	34	16	9	8	3	1	2	4	2	79
Digestive organs and peritoneum (150, 152, 154, 156, 158, 159)	M.	87	39	20	8	7	10	12	12	6	201
	F.	80	20	9	19	9	3	5	7	3	155
Respiratory and intrathoracic organs (160-165)	M.	349	142	63	65	52	27	32	51	22	803
	F.	86	42	14	6	5	3	9	9	4	178
Melanoma of skin (172)	M.	41	20	4	6	3	2	12	7	2	97
	F.	21	8	6	7	2	1	3	2	1	51
Breast (174, 175)	M.	1	-	-	-	-	-	2	-	-	3
	F.	161	52	25	20	19	6	16	15	11	325
Other bone, skin and connective tissue (170, 171, 173)	M.	19	11	3	3	4	1	3	3	1	48
	F.	6	3	-	1	-	1	3	3	1	18
Genito-urinary organs (179-189)	M.	208	79	39	27	14	17	26	29	5	444
	F.	126	39	28	20	12	9	14	17	7	272
Other and unspecified sites (190-199)	M.	120	46	9	30	7	12	13	10	4	251
	F.	75	29	9	13	10	4	16	9	5	170
Lymphatic and haematopoietic tissue (200-208)	M.	113	48	13	15	5	4	12	10	7	227
	F.	94	29	13	16	12	3	10	12	-	189
Benign and unspecified neoplasms (210-239)	M.	12	2	1	1	1	1	-	-	1	19
	F.	13	2	2	-	1	1	3	-	-	22
<i>Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	M.	62	23	12	15	11	7	20	19	3	172
	F.	83	28	15	18	13	10	10	18	4	199
Diabetes mellitus (250)	M.	41	21	11	12	8	4	16	9	1	123
	F.	54	21	6	14	10	6	9	12	4	136
<i>Class IV Diseases of blood and blood-forming organs (280-289)</i>	M.	14	4	4	5	-	1	5	4	-	37
	F.	13	2	3	5	2	2	2	2	-	31
Anaemias (280-285)	M.	5	2	2	1	-	-	3	1	-	14
	F.	12	1	3	3	2	2	2	-	-	25

TABLE 11 - DEATHS: CAUSE BY SEX IN STATISTICAL DIVISIONS, QUEENSLAND, 1987 (continued)

Cause of death	Sex	Statistical division									Total Queensland
		Brisbane	Moreton	Wide Bay-Burnett	Darling Downs	Fitzroy	Mackay	Northern	Far North	Balance (a)	
<i>Class V Mental disorders (290-319)</i>	M.	53	6	11	11	10	6	17	7	4	125
	F.	99	15	11	14	12	3	8	5	3	170
<i>Psychoses (290-299)</i>	M.	42	6	9	8	8	5	9	2	1	90
	F.	91	14	9	11	11	3	7	5	3	154
<i>Neurotic, personality and other non-psychotic mental disorders (300-316)</i>	M.	11	-	2	3	2	1	8	5	3	35
	F.	8	1	1	2	1	-	1	-	-	14
<i>Class VI Diseases of the nervous system and sense organs (320-389)</i>	M.	74	26	12	13	7	2	13	7	7	161
	F.	60	21	6	14	6	1	5	12	2	127
<i>Class VII Diseases of the circulatory system (390-459)</i>	M.	2,097	843	357	364	230	140	266	296	105	4,698
	F.	2,122	639	346	363	236	105	219	192	78	4,300
<i>All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)</i>	M.	1,598	633	260	267	185	111	195	215	83	3,547
	F.	1,443	437	232	221	169	67	133	123	49	2,874
<i>Rheumatic fever and rheumatic heart disease (390-398)</i>	M.	9	4	2	1	1	3	1	-	-	22
	F.	13	3	2	3	-	1	-	4	2	28
<i>Hypertensive disease (401-405)</i>	M.	20	12	4	2	3	1	3	7	1	53
	F.	35	8	6	8	3	2	6	9	3	80
<i>Acute myocardial infarction (410)</i>	M.	942	420	167	169	90	63	132	148	50	2,181
	F.	726	268	120	137	71	30	76	72	28	1,528
<i>Other ischaemic heart disease (411-414)</i>	M.	478	119	56	60	73	28	47	33	21	915
	F.	435	93	64	54	74	22	36	19	9	806
<i>Diseases of the pulmonary circulation and other forms of heart disease (415-429)</i>	M.	159	83	33	36	18	17	14	28	12	400
	F.	253	67	42	22	23	12	20	22	10	471
<i>Cerebrovascular disease (430-438)</i>	M.	367	157	66	78	32	18	54	61	14	847
	F.	558	170	93	125	54	32	69	47	23	1,171
<i>Other diseases of circulatory system (440-459)</i>	M.	122	48	29	18	13	10	15	18	7	280
	F.	102	30	19	14	11	6	12	19	3	216
<i>Class VIII Diseases of the respiratory system (460-519)</i>	M.	391	130	69	68	45	26	62	56	43	890
	F.	221	77	22	26	25	9	28	43	12	463
<i>Pneumonia and influenza (480-487)</i>	M.	51	20	8	13	11	8	2	10	11	134
	F.	62	18	5	7	8	2	9	12	2	125
<i>Chronic obstructive pulmonary disease and allied conditions (490-496)</i>	M.	302	101	52	53	28	17	53	41	29	676
	F.	126	53	15	16	12	5	11	30	7	275
<i>Class IX Diseases of the digestive system (520-579)</i>	M.	136	43	17	21	16	9	22	26	19	309
	F.	133	62	19	28	13	16	18	15	5	309
<i>Ulcer of stomach and duodenum (531-533)</i>	M.	20	9	5	2	2	2	1	2	3	46
	F.	28	18	1	10	2	5	3	3	-	70
<i>Chronic liver disease and cirrhosis (571)</i>	M.	52	12	4	3	8	-	10	12	9	110
	F.	17	9	1	2	1	1	1	2	-	34
<i>Class X Diseases of the genito-urinary system (580-629)</i>	M.	60	22	11	18	12	4	11	5	2	145
	F.	82	24	12	15	11	4	7	6	9	170
<i>Nephritis, nephrotic syndrome and nephrosis (580-589)</i>	M.	38	15	7	11	8	2	4	3	2	90
	F.	46	13	8	9	8	3	6	5	5	103

TABLE 11 - DEATHS: CAUSE BY SEX IN STATISTICAL DIVISIONS, QUEENSLAND, 1987 (continued)

Cause of death	Sex	Statistical division									Total Queensland
		Brisbane	Moreton	Wide Bay-Burnett	Darling Downs	Fitzroy	Mackay	Northern	Far North	Balance (a)	
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	F.	2	-	-	-	2	-	-	1	2	7
Class XII Diseases of the skin and subcutaneous tissue (680-709) ..	M.	3	1	-	-	1	1	1	4	-	11
	F.	8	3	1	1	-	-	-	1	-	14
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739) ..	M.	13	4	4	2	4	-	3	2	1	33
	F.	33	7	7	2	3	1	4	6	-	63
Class XIV Congenital anomalies (740-759)	M.	42	8	5	2	10	4	2	7	3	83
	F.	18	6	1	4	5	4	5	4	2	49
Class XV Certain conditions originating in the perinatal period (760-779) ..	M.	31	3	4	8	5	3	4	5	4	67
	F.	36	4	2	5	6	3	7	9	7	79
Class XVI Symptoms, signs and ill-defined conditions (780-799) ..	M.	24	11	2	10	6	5	6	5	3	72
	F.	15	7	3	5	2	4	-	2	2	40
Class XVII Accidents, poisonings and violence (external causes) (E800-E999) ..	M.	386	162	82	61	59	57	80	91	48	1,026
	F.	153	79	37	22	27	15	31	40	21	425
Motor vehicle traffic accidents (E810-E819)	M.	106	50	26	19	22	22	26	25	18	314
	F.	35	29	13	7	17	2	13	20	3	139
Falls (E880-E888)	M.	38	13	7	7	1	3	7	5	4	85
	F.	53	18	9	8	3	2	4	7	6	110
Drownings (E910)	M.	14	18	4	1	4	2	4	3	5	55
	F.	2	3	1	-	-	2	1	1	1	11
Suicide (E950-E959)	M.	140	52	26	24	13	13	20	31	10	329
	F.	37	20	4	5	5	4	9	5	3	92
Other external causes (Remainder of E800-E999) ..	M.	88	29	19	10	19	17	23	27	11	243
	F.	26	9	10	2	2	5	4	7	8	73
All causes	M.	4,610	1,780	782	799	542	352	660	695	302	10,522
	F.	3,988	1,302	619	666	455	217	445	457	190	8,339
	P.	8,598	3,082	1,401	1,465	997	569	1,105	1,152	492	18,861
Rate per 1,000 estimated resident population at 30 June ..	P.	7.07	7.32	8.17	8.01	6.21	5.44	6.38	6.94	6.10	7.05

(a) Comprising the divisions of South-West (127 male and 76 female deaths), Central-West (50 male and 39 female deaths) and North-West (125 male and 75 female deaths).

2. PERINATAL DEATHS

TABLE 12 - PERINATAL, FETAL AND NEONATAL DEATHS BY CAUSE AND SEX, QUEENSLAND, 1985 TO 1987

Cause of death	Perinatal deaths					Fetal deaths		Neonatal deaths	
	1985	1986	1987			1987		1987	
			Total	Males	Females	Males	Females	Males	Females
Main Condition in Fetus/Infant									
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	60	38	66	32	34	12	15	20	19
Extreme immaturity (765.0)	43	27	47	22	25	9	9	13	16
Birth trauma (767)	12	7	7	1	6	—	—	1	6
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	122	143	109	56	53	30	36	26	17
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	60	76	55	25	30	25	30	—	—
Fetal and neonatal haemorrhage (772)	13	16	22	12	10	7	5	5	5
Intraventricular haemorrhage (772.1)	12	14	12	7	5	2	1	5	4
Haemolytic disease of fetus or newborn (773)	3	—	3	—	3	—	2	—	1
Other conditions originating in the perinatal period (766, 771, 774-779)	125	128	103	42	61	36	48	6	13
Congenital anomalies (740-759)	126	98	109	65	44	17	18	48	26
Anencephalus and similar anomalies (740)	22	18	21	8	13	3	11	5	2
Spina bifida (741)	7	4	5	1	4	—	1	1	3
Congenital hydrocephalus (742.3)	6	4	8	5	3	1	2	4	1
Congenital anomalies of heart and circulatory system (745-747)	22	19	15	9	6	—	—	9	6
Chromosomal anomalies (758)	10	8	15	9	6	4	4	5	2
All other causes (001-739, 780-999)	26	11	15	9	6	1	—	8	6
All causes	487	441	434	217	217	103	124	114	93
Main Condition in Mother									
Maternal conditions which may be unrelated to present pregnancy (760)	58	47	62	30	32	13	21	17	11
Maternal hypertensive disorders (760.0)	30	23	18	9	9	5	6	4	3
Maternal complications of pregnancy (761)	65	64	64	32	32	6	8	26	24
Complications of placenta, cord and membranes (762)	162	160	149	68	81	54	62	14	19
Placental complications (762.0-762.3)	103	90	95	47	48	36	37	11	11
Compression of umbilical cord (762.4, 762.5)	37	47	41	17	24	15	22	2	2
Other complications of labour and delivery (763)	11	10	5	—	5	—	3	—	2
No maternal condition reported	191	160	154	87	57	30	30	57	37
Total	487	441	434	217	217	103	124	114	93

TABLE 13 - PERINATAL DEATHS: CAUSE BY AGE OF MOTHER, QUEENSLAND

Cause of death	Age of mother (years)						Total (a)
	Under 20	20-24	25-29	30-34	35-39	40 and over	
1986							
Main condition in fetus/infant							
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	3	12	13	8	2	—	38
Birth trauma (767)	1	1	3	2	—	—	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	19	49	32	27	10	4	143
Fetal and neonatal haemorrhage (772)	3	5	4	1	1	2	16
Haemolytic disease of fetus and newborn (773)	—	—	—	—	—	—	—
Other conditions originating in the perinatal period (766, 771, 774-779)	22	32	44	14	6	5	128
Congenital anomalies (740-759)	10	29	31	22	5	1	98
All other causes (Remainder of 001-999)	1	3	2	5	—	—	11
All causes	59	131	129	79	24	12	441
Main condition in mother							
Maternal conditions which may be unrelated to present pregnancy (760)	8	13	16	3	4	3	47
Maternal complications of pregnancy (761)	8	27	17	9	3	—	64
Complications of placenta, cord and membranes (762)	23	46	46	29	8	6	160
Other complications of labour and delivery (763)	—	5	1	4	—	—	10
No maternal condition reported	20	40	49	34	9	3	160
1987							
Main condition in fetus/infant							
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	11	23	15	10	5	2	66
Birth trauma (767)	—	—	7	—	—	—	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	10	31	36	22	6	3	109
Fetal and neonatal haemorrhage (772)	—	5	6	7	3	1	22
Haemolytic disease of fetus and newborn (773)	—	1	—	1	1	—	3
Other conditions originating in the perinatal period (766, 771, 774-779)	11	26	36	23	3	4	103
Congenital anomalies (740-759)	12	27	39	21	9	1	109
All other causes (Remainder of 001-999)	2	2	6	4	—	—	15
All causes	46	115	145	88	27	11	434
Main condition in mother							
Maternal conditions which may be unrelated to present pregnancy (760)	11	13	22	12	3	1	62
Maternal complications of pregnancy (761)	4	24	19	13	3	1	64
Complications of placenta, cord and membranes (762)	16	38	45	30	11	8	149
Other complications of labour and delivery (763)	1	3	1	—	—	—	5
No maternal condition reported	14	37	58	33	10	1	154

(a) Including cases where the age was not stated (7 in 1986 and 2 in 1987).

TABLE 14 - PERINATAL DEATH RATES (a): CAUSE BY AGE OF MOTHER, QUEENSLAND

Cause of death	Age of mother (years)						Total (b)
	Under 20	20-24	25-29	30-34	35-39	40 and over	
1986							
Main condition in fetus/infant							
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	0.9	1.1	0.9	0.9	0.8	-	0.9
Birth trauma (767)	0.3	0.1	0.2	0.2	-	-	0.2
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	6.0	4.5	2.1	3.2	4.0	10.6	3.5
Fetal and neonatal haemorrhage (772)	0.9	0.5	0.3	0.1	0.4	5.3	0.4
Haemolytic disease of fetus and newborn (773)	-	-	-	-	-	-	-
Other conditions originating in the perinatal period (766, 771, 774-779)	7.0	3.0	2.9	1.7	2.4	13.2	3.2
Congenital anomalies (740-759)	3.2	2.7	2.0	2.6	2.0	2.6	2.4
All other causes (Remainder of 001-999)	0.3	0.1	0.1	0.4	-	-	0.3
All causes	18.6	12.1	8.5	9.3	9.5	31.7	10.9
Main condition in mother							
Maternal conditions which may be unrelated to present pregnancy (760)	2.5	1.2	1.0	0.4	1.6	7.9	1.2
Maternal complications of pregnancy (761)	2.5	2.5	1.1	1.1	1.2	-	1.6
Complications of placenta, cord and membranes (762)	7.3	4.3	3.0	3.4	3.2	15.8	3.9
Other complications of labour and delivery (763)	-	0.5	0.1	0.5	-	-	0.2
No maternal condition reported ..	6.3	3.7	3.2	4.0	3.6	7.9	3.9
1987							
Main condition in fetus/infant							
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	3.9	2.3	1.0	1.2	2.0	5.2	1.7
Birth trauma (767)	-	-	0.5	-	-	-	0.2
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	3.5	3.1	2.4	2.6	2.4	7.8	2.8
Fetal and neonatal haemorrhage (772)	-	0.5	0.4	0.8	1.2	2.6	0.6
Haemolytic disease of fetus and newborn (773)	-	0.1	-	0.1	0.4	-	0.1
Other conditions originating in the perinatal period (766, 771, 774-779)	3.9	2.6	2.4	2.7	1.2	10.4	2.6
Congenital anomalies (740-759)	4.2	2.7	2.6	2.4	3.5	2.6	2.8
All other causes (Remainder of 001-999)	0.7	0.2	0.4	0.5	-	-	0.4
All causes	16.2	11.4	9.6	10.2	10.6	28.6	11.0
Main condition in mother							
Maternal conditions which may be unrelated to present pregnancy (760)	3.9	1.3	1.5	1.4	1.2	2.6	1.6
Maternal complications of pregnancy (761)	1.4	2.4	1.3	1.5	1.2	2.6	1.6
Complications of placenta, cord and membranes (762)	5.6	3.8	3.0	3.5	4.3	20.8	3.8
Other complications of labour and delivery (763)	0.4	0.3	0.1	-	-	-	0.1
No maternal condition reported ..	4.9	3.7	3.8	3.8	3.9	2.6	3.9

(a) Rate per 1,000 live births and still births. (b) Including cases where the age was not stated.

TABLE 15 - FETAL DEATHS: CAUSE BY TIME OF CESSATION OF HEARTBEAT, QUEENSLAND

Cause of death	Time of cessation of heartbeat								Total	
	Before labour commenced				Total (a)	During labour	Unknown if before or during labour	Unknown if before or after delivery		
	Time dead in utero									
	Under 1 day	1-6 days	1-3 weeks	4 weeks or more						
1986										
Main condition in fetus/infant										
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	..	..	1	3	-	4	11	-	1	16
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	..	..	10	31	12	70	20	8	-	98
Fetal and neonatal haemorrhage (772)	..	..	-	2	-	2	-	-	-	2
Other conditions originating in the perinatal period (766, 767, 771, 773-779)	..	..	13	47	13	85	11	11	3	110
Congenital anomalies (740-759)	..	..	-	1	1	5	16	3	-	24
All other causes (Remainder of 001-999)	..	..	-	-	-	1	1	-	-	2
All causes	..	..	24	84	26	167	59	22	4	252
Main condition in mother										
Maternal conditions which may be unrelated to present pregnancy (760)	..	..	2	12	3	24	2	3	-	29
Maternal complications of pregnancy (761)	..	..	2	6	-	10	7	3	1	21
Complications of placenta, cord and membranes (762)	..	..	15	43	12	86	27	11	1	125
Other complications of labour and delivery (763)	..	..	-	-	-	-	3	1	-	4
No maternal condition reported	..	..	5	23	11	47	20	4	2	73
Rate per 1,000 births (live and still)	..	..	0.6	2.1	0.6	4.1	1.5	0.5	0.1	6.2
1987										
Main condition in fetus/infant										
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	..	..	2	3	-	5	18	1	3	27
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	..	..	16	19	11	50	11	5	-	66
Fetal and neonatal haemorrhage (772)	..	..	3	5	-	8	4	-	-	12
Other conditions originating in the perinatal period (766, 767, 771, 773-779)	..	..	10	37	11	71	11	2	2	86
Congenital anomalies (740-759)	..	..	1	6	2	13	17	4	1	35
All other causes (Remainder of 001-999)	..	..	-	-	-	-	1	-	-	1
All causes	..	..	32	70	24	147	62	12	6	227
Main condition in mother										
Maternal conditions which may be unrelated to present pregnancy (760)	..	..	6	10	2	20	10	2	2	34
Maternal complications of pregnancy (761)	..	..	1	1	-	3	9	-	2	14
Complications of placenta, cord and membranes (762)	..	..	21	39	17	89	21	4	2	116
Other complications of labour and delivery (763)	..	..	-	-	-	-	2	1	-	3
No maternal condition reported	..	..	4	20	5	35	20	5	-	60
Rate per 1,000 births (live and still)	..	..	0.8	1.8	0.6	3.7	1.6	0.3	0.2	5.7

(a) Including cases where the time was not stated (31 in 1986 and 19 in 1987).

TABLE 16 - NEONATAL DEATHS: CAUSE BY AGE AT DEATH, QUEENSLAND

Cause of death	Age at death								Total under 28 days (b)
	Under 1 hour	1-11 hours	12-23 hours	Total under 1 day (a)	1 day	2 days	3-6 days	7-27 days	
1986									
Main condition in fetus/infant									
Slow fetal growth, fetal malnutrition and immaturity (764, 765) ..	11	10	-	21	1	-	-	-	22
Birth trauma (767) ..	-	1	1	2	3	-	2	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770) ..	4	14	6	24	9	3	4	4	45
Fetal and neonatal haemorrhage (772) ..	-	-	4	4	2	1	2	5	14
Other conditions originating in the perinatal period (766, 771, 773-779)	4	1	-	6	1	2	2	7	18
Congenital anomalies (740-759) ..	18	21	2	41	5	9	8	11	74
All other causes (Remainder of 001-999)	-	-	-	-	-	-	1	8	9
All causes	37	47	13	98	21	15	19	35	189
Main condition in mother									
Maternal conditions which may be unrelated to present pregnancy (760)	2	3	1	6	2	1	4	5	18
Maternal complications of pregnancy (761) ..	11	14	3	28	5	2	3	5	43
Complications of placenta, cord and membranes (762) ..	10	10	2	23	4	5	2	1	35
Other complications of labour and delivery (763) ..	1	2	1	4	1	1	-	-	6
No maternal condition reported	13	18	6	37	9	6	10	24	87
Rate per 1,000 live births ..	0.9	1.2	0.3	2.4	0.5	0.4	0.5	0.9	4.7
1987									
Main condition in fetus/infant									
Slow fetal growth, fetal malnutrition and immaturity (764, 765) ..	17	14	1	32	1	1	3	2	39
Birth trauma (767) ..	-	-	1	1	1	2	2	1	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770) ..	6	9	5	20	9	6	2	6	43
Fetal and neonatal haemorrhage (772) ..	-	-	2	2	4	-	1	3	10
Other conditions originating in the perinatal period (766, 771, 773-779)	5	4	3	12	-	1	1	6	20
Congenital anomalies (740-759) ..	10	20	8	38	10	4	7	15	74
All other causes (Remainder of 001-999)	2	1	-	3	1	1	1	8	14
All causes	40	48	20	108	26	15	17	41	207
Main condition in mother									
Maternal conditions which may be unrelated to present pregnancy (760)	4	6	5	15	2	1	3	7	28
Maternal complications of pregnancy (761) ..	12	9	5	26	10	3	4	7	50
Complications of placenta, cord and membranes (762) ..	11	7	4	22	4	3	1	3	33
Other complications of labour and delivery (763) ..	-	1	-	1	-	1	-	-	2
No maternal condition reported	13	25	6	44	10	7	9	24	94
Rate per 1,000 live births ..	1.0	1.2	0.5	2.7	0.7	0.4	0.4	1.0	5.3

(a) Including cases where the age at death was under 1 day, but number of hours was not known (1 in 1986 and none in 1987).

(b) Including cases where the age at death was not known (1 in 1986 and none in 1987).

TABLE 17 - PERINATAL DEATHS: CAUSE BY WEIGHT AT BIRTH, QUEENSLAND

Cause of death	Weight at birth (grams)					Total (a)
	500-999	1,000-1,999	2,000-2,999	3,000-3,999	4,000 or more	
1986						
Main condition in fetus/infant						
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	27	9	1	-	-	38
Birth trauma (767)	3	1	-	3	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	40	26	30	37	4	143
Fetal and neonatal haemorrhage (772)	12	3	-	-	-	16
Haemolytic disease of fetus and newborn (773)	-	-	-	-	-	-
Other conditions originating in the perinatal period (766, 771, 774-779)	47	24	27	22	2	128
Congenital anomalies (740-759)	21	29	23	17	5	98
All other causes (Remainder of 001-999)	1	1	4	2	-	11
All causes	151	93	85	81	11	441
Main condition in mother						
Maternal conditions which may be unrelated to present pregnancy (760)	12	13	9	11	1	47
Maternal complications of pregnancy (761)	44	11	2	4	2	64
Complications of placenta, cord and membranes (762)	55	39	28	30	-	160
Other complications of labour and delivery (763)	3	-	3	3	1	10
No maternal condition reported	37	30	43	33	7	160
Rate per 1,000 births (live and still)	3.7	2.3	2.1	2.0	0.3	10.9
1987						
Main condition in fetus/infant						
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	50	15	1	-	-	66
Birth trauma (767)	5	-	-	2	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	35	21	27	22	2	109
Fetal and neonatal haemorrhage (772)	8	8	2	2	1	22
Haemolytic disease of fetus and newborn (773)	1	1	1	-	-	3
Other conditions originating in the perinatal period (766, 771, 774-779)	27	28	22	22	3	103
Congenital anomalies (740-759)	19	40	30	17	1	109
All other causes (Remainder of 001-999)	1	3	5	5	1	15
All causes	146	116	88	70	8	434
Main condition in mother						
Maternal conditions which may be unrelated to present pregnancy (760)	25	15	7	12	2	62
Maternal complications of pregnancy (761)	37	20	6	-	2	64
Complications of placenta, cord and membranes (762)	53	38	31	23	2	149
Other complications of labour and delivery (763)	2	-	2	1	-	5
No maternal condition reported	29	43	42	34	4	154
Rate per 1,000 births (live and still)	3.7	2.9	2.2	1.8	0.2	11.0

(a) Including cases where the birthweight was not stated (20 in 1986 and 6 in 1987).

TABLE 18 - PERINATAL DEATHS: CAUSE BY PERIOD OF GESTATION, QUEENSLAND

Cause of death	Period of gestation (weeks)					Total (a)
	Under 28	28-31	32-36	37-41	42 and over	
	1986					
Main condition in fetus/infant						
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	31	4	2	1	-	38
Birth trauma (767)	2	2	-	3	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	30	21	29	57	5	143
Fetal and neonatal haemorrhage (772)	11	4	1	-	-	16
Haemolytic disease of fetus and newborn (773)	-	-	-	-	-	-
Other conditions originating in the perinatal period (766, 771, 774-779)	38	14	32	35	6	128
Congenital anomalies (740-759)	14	19	20	41	3	98
All other causes (Remainder of 001-999)	1	1	2	4	-	11
All causes	127	65	86	141	14	441
Main condition in mother						
Maternal conditions which may be unrelated to present pregnancy (760)	9	9	12	17	-	47
Maternal complications of pregnancy (761)	45	9	7	2	1	64
Complications of placenta, cord and membranes (762)	49	20	35	49	7	160
Other complications of labour and delivery (763)	3	2	-	5	-	10
No maternal condition reported	21	25	32	68	6	160
Rate per 1,000 births (live and still)	3.1	1.6	2.1	3.5	0.3	10.9
1987						
Main condition in fetus/infant						
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	49	8	4	4	-	66
Birth trauma (767)	4	1	1	1	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	28	18	22	35	3	109
Fetal and neonatal haemorrhage (772)	10	6	2	4	-	22
Haemolytic disease of fetus and newborn (773)	2	-	-	1	-	3
Other conditions originating in the perinatal period (766, 771, 774-779)	23	15	29	35	1	103
Congenital anomalies (740-759)	15	19	37	38	-	109
All other causes (Remainder of 001-999)	1	3	1	8	1	15
All causes	132	70	96	126	5	434
Main condition in mother						
Maternal conditions which may be unrelated to present pregnancy (760)	16	15	18	13	-	62
Maternal complications of pregnancy (761)	39	15	7	3	-	64
Complications of placenta, cord and membranes (762)	47	23	27	48	1	149
Other complications of labour and delivery (763)	2	1	-	2	-	5
No maternal condition reported	28	16	44	60	4	154
Rate per 1,000 births (live and still)	3.3	1.8	2.4	3.2	0.1	11.0

(a) Including cases where the period of gestation was not stated (8 in 1986 and 5 in 1987).

TABLE 19 - PERINATAL DEATHS: CAUSE IN STATISTICAL DIVISIONS, QUEENSLAND

Cause of death	Statistical division									Total Queensland
	Brisbane	Moreton	Wide Bay- Burnett	Darling Downs	Fitzroy	Mackay	Northern	Far North	Balance (a)	
1986										
Main condition in fetus/infant										
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	19	1	1	2	7	2	-	3	3	38
Birth trauma (767)	3	1	-	-	-	-	2	1	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	62	16	6	16	9	10	9	10	5	143
Fetal and neonatal haemorrhage (772)	6	2	2	-	3	3	-	-	-	16
Other conditions originating in the perinatal period (766, 771, 773-779)	46	11	11	9	11	4	8	17	11	128
Congenital anomalies (740-759)	50	14	2	8	9	2	4	4	5	98
All other causes (Remainder of 001-999)	3	1	1	1	-	1	2	2	-	11
All causes ..	189	46	23	36	39	22	25	37	24	441
Main condition in mother										
Maternal conditions which may be unrelated to present pregnancy (760)	17	-	3	5	8	2	1	6	5	47
Maternal complications of pregnancy (761)	27	5	5	4	9	3	3	4	4	64
Complications of placenta, cord and membranes (762)	66	20	10	12	12	8	9	15	8	160
Other complications of labour and delivery (763)	5	2	1	1	-	1	-	-	-	10
No maternal condition reported	74	19	4	14	10	8	12	12	7	160
Rate per 1,000 births (live and still)	10.6	8.5	9.4	12.4	14.0	12.0	8.9	12.7	14.0	10.9
1987										
Main condition in fetus/infant										
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	24	2	8	9	4	1	4	8	6	66
Birth trauma (767)	4	-	-	-	-	-	2	1	-	7
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	51	11	5	8	4	5	7	13	5	109
Fetal and neonatal haemorrhage (772)	12	2	1	1	5	-	1	-	-	22
Other conditions originating in the perinatal period (766, 771, 773-779)	39	12	8	3	11	7	9	9	8	106
Congenital anomalies (740-759)	49	12	6	6	11	8	4	9	4	109
All other causes (Remainder of 001-999)	6	3	-	-	2	1	2	1	-	15
All causes ..	185	42	28	27	37	22	29	41	23	434
Main condition in mother										
Maternal conditions which may be unrelated to present pregnancy (760)	21	10	5	4	3	3	5	9	2	62
Maternal complications of pregnancy (761)	31	3	5	3	7	2	5	4	4	64
Complications of placenta, cord and membranes (762)	61	13	10	11	9	4	14	16	11	149
Other complications of labour and delivery (763)	1	2	-	-	-	-	1	1	-	5
No maternal condition reported	71	14	8	9	18	13	4	11	6	154
Rate per 1,000 births (live and still)	10.7	7.7	11.9	9.6	14.3	12.4	10.7	13.8	13.6	11.0

(a) Comprising the divisions of South-West (5 perinatal deaths in 1986 and 3 in 1987), Central-West (8 perinatal deaths in 1986 and 5 in 1987) and North-West (11 perinatal deaths in 1986 and 15 in 1987).

3. POPULATION AND BIRTHS

TABLE 20 - ESTIMATED RESIDENT POPULATION: AGE BY SEX, QUEENSLAND

At 30 June	Age group (years)								All ages
	Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75 and over	
1985 r									
Males	20,747	305,836	223,803	391,824	124,978	113,526	75,431	37,093	1,293,238
Females	19,517	289,622	215,295	376,767	117,544	113,318	86,908	59,009	1,277,980
Persons	40,264	595,458	439,098	768,591	242,522	226,844	162,339	96,102	2,571,218
1986 r									
Males	20,543	305,217	229,019	403,382	129,136	115,493	78,737	39,041	1,320,568
Females	19,360	288,197	219,583	390,039	120,699	114,288	90,142	61,719	1,304,027
Persons	39,903	593,414	448,602	793,421	249,835	229,781	168,879	100,760	2,624,595
1987									
Males	20,508	304,174	233,087	414,224	134,056	115,990	82,088	41,080	1,345,207
Females	19,367	287,393	223,352	403,213	125,621	114,673	93,303	64,636	1,331,558
Persons	39,875	591,567	456,439	817,437	259,677	230,663	175,391	105,716	2,676,765

TABLE 21 - ESTIMATED RESIDENT POPULATION AND LIVE BIRTHS (a) AND STILL BIRTHS IN STATISTICAL DIVISIONS, QUEENSLAND

Statistical division	Estimated resident population at 30 June		Live births and still births during year ended 31 December	
	1986 r	1987	1986	1987
Briabene	1,196,046	1,215,341	17,803	17,242
Moreton	402,009	420,965	5,397	5,436
Wide Bay-Burnett	168,960	171,407	2,452	2,348
Darling Downs	180,950	182,837	2,906	2,812
Fitzroy	159,038	160,654	2,776	2,596
Mackay	103,177	104,687	1,827	1,776
Northern	170,768	173,244	2,813	2,705
Far North	161,760	166,005	2,914	2,976
Balance (b)	80,885	80,605	1,719	1,687
Total Queensland	(c) 2,624,595	(c) 2,676,765	40,607	39,578

(a) Excluding those known to be under 500 grams at delivery.

(b) Comprising South-West, Central-West and North-West Statistical Divisions.

(c) Including off-shore areas and migratory.

TABLE 22 - ESTIMATED MEAN RESIDENT POPULATION AND LIVE BIRTHS BY SEX, QUEENSLAND,
YEAR ENDED 31 DECEMBER

Sex	1985		1986		1987	
	Estimated mean resident population τ	Live births	Estimated mean resident population τ	Live births	Estimated mean resident population p	Live births
Males	1,293,387	20,843	1,319,857	20,782	1,345,468	20,293
Females	1,278,104	19,594	1,303,914	19,589	1,331,464	19,072
Persons	2,571,491	40,437	2,623,771	40,371	2,676,931	39,365

TABLE 23 - LIVE BIRTHS (a) AND STILL BIRTHS BY AGE OF MOTHER, QUEENSLAND

Age of mother (years)	1986			1987		
	Live births	Still births	Total	Live births	Still births	Total
Under 20	3,131	34	3,165	2,819	26	2,845
20-24	10,741	77	10,818	10,022	59	10,081
25-29	15,184	79	15,263	15,042	72	15,114
30-34	8,423	37	8,460	8,556	45	8,601
35-39	2,503	13	2,516	2,536	15	2,551
40 and over	373	6	379	376	9	385
Not stated	-	6	6	-	1	1
Total	40,355	252	40,607	39,351	227	39,578

(a) Excluding those known to be under 500 grams at delivery.

APPENDIX A

**Characteristics Collected by the Queensland Office of the Australian Bureau of Statistics
for Each Death Registered in Queensland**

General deaths

Month and year of registration of death
 Day, month and year of death
 State in which death was registered
 Sex
 Age at death
 Occupation (males aged 15 to 64 years only)
 Underlying cause of death
 Birthplace
 Period of residence in Australia if born overseas
 Local government area of usual residence
 Marital status
 Number of children of the deceased
 Age at first marriage

Perinatal deaths

Particulars relating to death
 Month and year of registration
 Whether or not certified cause of death was confirmed
 by post-mortem examination

Particulars relating to mother
 Age
 Usual residence (local government area)

Perinatal deaths (continued)

Particulars relating to mother (continued)
 Previous pregnancies resulting in live births, still
 births and abortion
 Outcome of last previous pregnancy (all issue live born,
 one or more issue born dead, abortion)
 Date of delivery/termination of last previous pregnancy
 For current pregnancy
 Type of presentation
 Method of delivery
 Attendant at birth (obstetrician, midwife etc.)
 Number of antenatal care visits

Particulars relating to child

Date of birth
 Date of death
 Sex
 Plurality
 Birthweight
 Age at death, if born alive
 Cessation of heartbeat (before or during labour, after delivery
 etc.)
 Time dead in utero, if stillborn
 Main disease or condition in fetus or infant
 Main maternal disease or condition affecting fetus or infant

APPENDIX B

List of Cause of Death Tabulations Produced Annually**Table
number****General deaths**

- 1 Cause of death (60 groups (a)) by month and year of occurrence
- 2 Cause of death (detailed (b)) by age (five-year groups) by sex
- 3 Cause of death (detailed (b)) by statistical division of usual residence by sex
- 4 Cause of death (detailed (b)) by sex, for each incorporated city or town in Queensland

Perinatal deaths

- 1 Main condition in fetus/infant (c) by age of mother by sex
- 2 Main condition in fetus/infant (c) by weight at birth by sex
- 3 Main condition in fetus/infant (c) by period of gestation by sex
- 4 Main condition in fetus (c) by time of cessation of heart-beat by sex

**Table
number****Perinatal deaths (continued)**

- 5 Main condition in infant (c) by age at death by sex
- 6 Main condition in fetus/infant (d) by cessation of heartbeat by sex
- 7 Main condition in fetus/infant (c) by main condition in mother (e) by sex
- 8 Main condition in mother (c) by age of mother by sex
- 9 Main condition in mother (c) by weight at birth by sex
- 10 Main condition in mother (c) by period of gestation by sex
- 11 Main condition in mother (c) by time of cessation of heartbeat by sex
- 12 Main condition in mother (c) by age at death by sex
- 13 Main condition in mother (d) by cessation of heartbeat by sex
- 14 Main condition in fetus/infant (c) and in mother (c) by statistical division of usual residence of mother by sex

(a) As previously published in *Causes of Death, Australia* (Catalogue No. 3303.0). (b) At the ICD three-digit level. (c) As previously published in the discontinued publication *Perinatal Deaths, Queensland* (Catalogue No. 3303.3). (d) At the ICD four-digit level.

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Publications issued by the Queensland Office of the Australian Bureau of Statistics may be obtained from G.P.O. Box 9817, Brisbane, 4001 (Telephone (07) 224 6352).

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