



1996

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# Causes of Death

## Australia

Statistics

## NOTES

### CHANGES TO FUTURE ISSUES

Please note 1996 is the last year in which the Australian Bureau of Statistics has coded deaths to only the underlying cause. For deaths registered from 1 January 1997 onwards, the ABS will record both underlying cause and all other medical conditions and diseases mentioned on the medical certificate of cause of death. Appendix 4 provides more information on multiple causes of death coding.

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### SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ACOD	Automated Cause of Death
AIDS	Acquired Immune Deficiency Syndrome
ASHD	Arteriosclerotic Heart Disease
HIV	Human Immunodeficiency Virus
ICD	International Classification of Diseases (produced by the World Health Organisation)
ICD-9	International Classification of Diseases Version 9
ICD-9 CM	International Classification of Diseases Version 9 Clinically Modified
PSA	Prostate Specific Antigen
SIDS	Sudden Infant Death Syndrome
WHO	World Health Organisation
YPLL	Years of Potential Life Lost
---	nil or rounded to zero

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### INQUIRIES

For information about other ABS statistics and services, please refer to the back of this publication.

For further information about these statistics and the availability of related unpublished statistics, contact Peter Burke on Brisbane (07) 3222 6069.

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Acting Australian Statistician

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## SUMMARY OF FINDINGS

### LEADING CAUSES OF DEATH

During 1996 there were 128,711 deaths registered in Australia, comprising 68,201 male and 60,510 female deaths. This represented an increase of 2.9% over the total deaths recorded in 1995.

Many causes of death are age-related and standardising allows the effects of age to be removed so that populations with different age structures can be compared. For causes of death, standardised death rates are expressed per 100,000 persons (see Glossary for details). While there was an increase in the total number of deaths in 1996, the standardised death rate for all causes fell marginally from 645.0 in 1995 to 640.8 in 1996. The fall in the standardised death rate for all causes between 1995 and 1996 was greater for females than for males.

Cancer continued to be the leading cause of death in 1996, accounting for 27% of total deaths, followed by ischaemic heart disease which was responsible for 23%. The ten leading causes of death for 1996 were unchanged from 1995. However, the ranking within this group changed between the two years.

Cancer, cardiovascular disease (diseases of the circulatory system), diabetes and injuries have been identified as four of the National Priority Health Areas, recognised as particular areas which should be a focus of public health efforts and resources. Their inclusion reflects their impact on individuals and the community, in terms of both morbidity and mortality.

#### Leading causes of death

Cause of death and ICD code	Male	Female	Persons	Proportion of total deaths
	no.	no.	no.	%
<b>All causes</b>	<b>68 201</b>	<b>60 510</b>	<b>128 711</b>	<b>100.0</b>
Malignant neoplasms (cancer) (140-208)	19 584	15 084	34 668	26.9
Malignant neoplasms of trachea, bronchus and lung (162)	4 773	2 053	6 826	5.3
Ischaemic heart disease (410-414)	16 092	13 545	29 637	23.0
Cerebrovascular disease (stroke) (430-438)	5 205	7 601	12 806	9.9
Chronic obstructive pulmonary disease and allied conditions (including asthma, emphysema and bronchitis) (490-496)	4 147	2 813	6 960	5.4
Accidents (E800-E949)	3 174	1 522	4 696	3.6
Motor vehicle traffic accidents (E810-E819)	1 398	544	1 942	1.5
Diabetes mellitus (250)	1 521	1 470	2 991	2.3
Diseases of arteries, arterioles and capillaries (including atherosclerosis and aortic aneurysm) (440-448)	1 496	1 437	2 933	2.3
Senile and presenile organic psychotic conditions (290)	893	1 862	2 755	2.1
Suicide (E950-E959)	1 931	462	2 393	1.9
Hereditary and degenerative diseases of the central nervous system (330-337)	1 104	1 196	2 300	1.8
All other causes	13 054	13 518	26 572	20.6

## SUMMARY OF FINDINGS *continued*

### CHANGES IN LEADING CAUSES, 1987 TO 1996

From 1987 to 1996, the ten leading causes of death remained virtually unchanged. The exception was that senile and presenile organic psychotic conditions replaced pneumonia and influenza in 1993. Further, there have been only minor movements within the order of the ten leading causes of death. In general, those causes which initially accounted for the highest proportions of total deaths have continued to do so over the ten year period.

Changes in age-standardised death rates over the period indicate the extent to which factors other than the ageing of the population influence the order of the leading causes of death.

During the last decade, ischaemic heart disease and cancer have remained the two leading causes of death. In 1987, ischaemic heart disease was the leading cause of death, but it was overtaken by cancer in 1991. This is a result of the long-term downward trend in the standardised death rate for ischaemic heart disease from 207.6 in 1987 to 145.2 in 1996 compared to the marginal decline experienced by cancer from 180.3 to 177.0 for the same time period.

Although the standardised death rate for cerebrovascular disease has decreased substantially from 82.4 to 61.3, it clearly remains the third leading cause of death in 1996.

The increases in the standardised death rate for both diabetes mellitus, and senile and presenile organic psychotic conditions are consistent with their higher contribution to the total number of deaths in 1996 than in 1987. By contrast, the standardised death rate for suicide has decreased slightly.

#### Leading causes of death, standardised death rates(a)

Cause of death and ICD code	1987	1995	1996.....		Persons
	Persons	Persons	Males	Females	
<b>All causes</b>	<b>755</b>	<b>645</b>	<b>324</b>	<b>498</b>	<b>641</b>
Malignant neoplasms (cancer) (140-208)	180	177	230	139	177
Malignant neoplasms of trachea, bronchus and lung (162)	36	35	55	19	35
Ischaemic heart disease (410-414)	208	151	196	105	145
Cerebrovascular disease (stroke) (430-438)	82	63	66	57	61
Chronic obstructive pulmonary disease and allied conditions (including asthma, emphysema and bronchitis) (490-496)	39	33	51	24	35
Accidents (E800-E949)	33	25	36	14	25
Motor vehicle traffic accidents (E810-E819)	17	11	16	6	11
Diabetes mellitus (250)	13	14	18	12	15
Diseases of arteries, arterioles and capillaries (including atherosclerosis and aortic aneurysm) (440-448)	20	15	19	11	14
Senile and presenile organic psychotic conditions (290)	8	11	12	13	13
Suicide (E950-E959)	14	13	21	5	13
Hereditary and degenerative diseases of the central nervous system (330-337)	9	12	14	9	11
All other causes	148	131	159	109	132

(a) Standardised death rate per 100,000 of the mid-year 1991 population. See Glossary for further explanation.

## SUMMARY OF FINDINGS *continued*

### MALIGNANT NEOPLASMS (CANCERS)

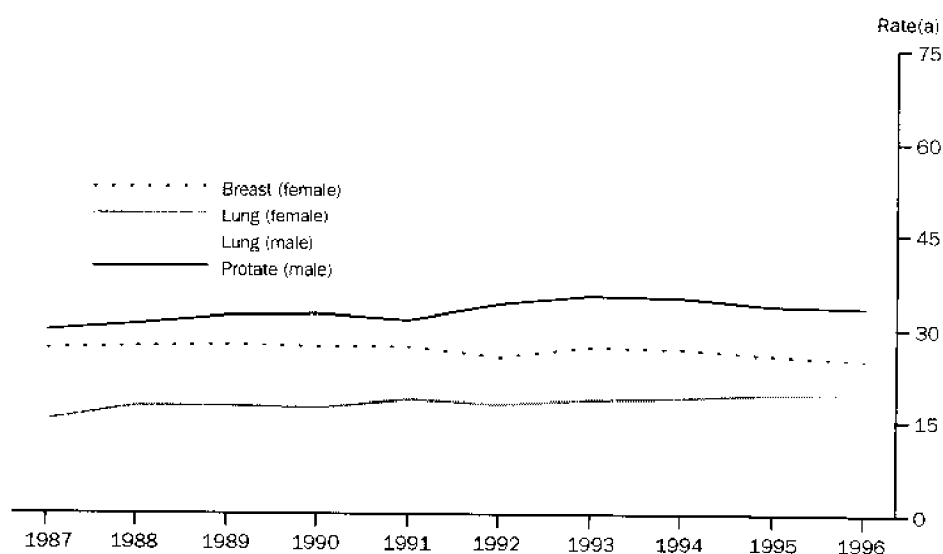
There was an increase in the total number of deaths due to cancer from 1995 to 1996. The percentage increase in the number of female deaths slightly exceeded that for male deaths. There was very little change in the standardised death rates for males and females.

Almost half of all male cancer deaths in 1996 were due to cancer of the trachea, bronchus and lung (24%), prostate cancer (14%) and colon cancer (9.5%). Over the period 1987 to 1996, the standardised death rate for prostate cancer increased from 29.5 to 33.2 while the standardised death rate for cancer of the trachea, bronchus and lung declined substantially from 63.9 to 55.4. The rate for colon cancer declined slightly from 22.8 to 21.8 during this period.

Other much less frequently reported causes of male cancer deaths have become more prevalent over the last 10 years. These include cancers of the liver and intrahepatic bile duct for which the standardised death rate rose from 3.4 to 4.7, cancers of the oesophagus with a rate rise from 6.1 to 7.2 and cancer of the brain for which the rate increased from 5.7 to 6.7.

Over 40% of female cancer deaths in 1996 were due to the following three cancers, breast cancer (17%), cancer of the trachea, bronchus and lung (14%) and colon cancer (11%). Over the period 1987 to 1996, the standardised death rate for breast cancer declined from 26.5 to 25.0 and the rate for colon cancer fell from 17.7 to 15.1. Over the same period, the rate for cancer of the trachea, bronchus and lung has increased significantly from 15.0 to 19.5.

#### Standardised death rates due to cancer, selected sites



(a) Per 100,000 population.

## SUMMARY OF FINDINGS *continued*

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### MALIGNANT NEOPLASMS (CANCERS) *continued*

Female deaths from a number of less frequently reported cancers have also increased over the period 1987 to 1996. These include cancers of the liver and intrahepatic bile duct for which the standardised death rate rose from 1.4 to 1.7, cancers of the kidney exhibiting a rate rise from 2.8 to 3.1 and cancer of the ovary for which the rate increased from 7.3 to 7.7.

### ISCHAEMIC HEART DISEASE

Deaths from ischaemic heart disease in 1996 remained numerically similar to those recorded in 1995 while the standardised death rate fell for both males (203.5 to 196.3) and females (109.0 to 104.7). This is a continuation of the long-term decline in the standardised death rate of ischaemic heart disease of approximately 30% between 1987 and 1996. The standardised death rate for males was about twice that of females over this period.

### EXTERNAL CAUSES

External causes accounted for 5.9% of total deaths in 1996, the same proportion as in 1995. The male standardised death rate for external causes increased from 59.0 in 1995 to 61.3 in 1996, while the female rate fell from 22.6 to 20.5. The standardised rate for male deaths from external causes is now nearly three times that for female deaths. This difference is largely due to the greater number of male deaths from motor vehicle traffic accidents and suicide, especially in the 15-24 and 25-44 age ranges.

The majority of deaths from external causes in 1996 were accidents (62%) followed by suicide (32%). The main categories of accidents were motor vehicle traffic accidents, which accounted for 41% of all deaths caused by accidents in 1996. Males aged 15-24 accounted for 22% of the total motor vehicle traffic accident deaths in this year. The other major category of accidents was accidental falls, which was responsible for 23% of all deaths caused by accidents in 1996. Nearly three-quarters (72%) of all deaths caused by accidental falls were recorded in the 75 years and over age group.

The standardised death rate for total accidents has declined from 33.5 in 1987 to 24.9 in 1996, with the rate for motor vehicle traffic accidents falling from 17.0 to 10.7. The standardised death rate for accidental falls decreased from 6.5 in 1987 to 5.3 in 1996, with the female rate declining more than the male rate.

In 1996 over half (51%) of all deaths from suicide were males aged 15-44 years. The age-specific death rate was highest for males aged 25-34 years. This age group accounted for 19% of total suicide deaths in 1996. The standardised death rate for suicide has declined from 13.9 in 1987 to 13.0 in 1996, with the rates decreasing for both males (from 22.5 to 21.3) and females (from 5.8 to 4.9).

# SUMMARY OF FINDINGS *continued*

## EXTERNAL CAUSES *continued*

### Number of external causes

Cause	Males	Females	Persons
<b>All causes</b>	<b>68 201</b>	<b>60 510</b>	<b>128 711</b>
All external causes (E800-E999)	5 431	2 123	7 554
All accidents (E800-E949)	3 174	1 522	4 696
Motor vehicle traffic accidents (E810-E819)	1 398	544	1 942
Accidental drowning and submersion (E910)	188	59	247
Accidental falls (E880-E888)	523	579	1 102
Suicide (E950-E959)	1 931	462	2 393
Homicide (E960-E969)	223	103	326

While deaths caused by firearms were highlighted during 1996 by the events at Port Arthur, there has actually been a long-term decline in the numbers and standardised death rates from this cause. Total deaths caused by firearms in 1996 was 521, an increase of 42 on the 1995 figure but substantially less than the 1987 figure of 711. The standardised death rate for total firearm deaths in 1996 was 2.8 up from 2.6 in 1995 but down from the rate of 4.4 recorded for 1987. More detailed information on firearm deaths for the period 1980 to 1995 can be obtained from the ABS publication *Firearm Deaths, Australia* (Cat no. 4397.0).

## ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)

From 1996, ABS introduced the use of International Classification of Diseases Version 9 Clinically Modified (ICD-9 CM) codes for the classification of deaths attributed to AIDS and Human Immunodeficiency Virus (HIV) (see Explanatory Notes). While this change has meant that a more detailed classification can be applied to AIDS-related deaths in Australia, strict comparisons with previously published figures detailing the break up of deaths directly attributed to AIDS and deaths where AIDS is a contributing factor, can no longer be undertaken. However, comparisons for total AIDS-related deaths are still possible.

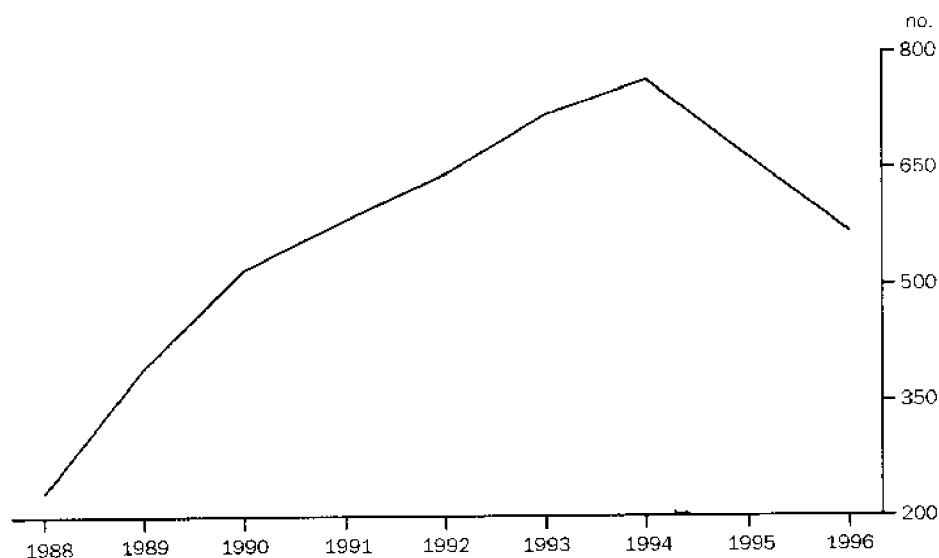
The total number of AIDS-related deaths in 1996 continued the downward trend which commenced in 1995. There were 568 AIDS-related deaths in 1996, a decrease on the 1995 figure of 666 deaths. Males accounted for 96% of total AIDS-related deaths registered in 1996, which maintains the relativity between male and female deaths exhibited in previous years. The main age groups for AIDS-related deaths in 1996 were 30-39 years which accounted for 43% of AIDS-related deaths, followed by the 40-49 years, contributing 29% and 50-59 years accounting for a further 14%.



## SUMMARY OF FINDINGS *continued*

### ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS) *continued*

#### Aids-related deaths



### CAUSES OF DEATHS BY STATE AND TERRITORY OF USUAL RESIDENCE

All States and Territories experienced a decline in the standardised death rates for all causes over the period 1987 to 1996. Care should be exercised when comparing information relating to some of the smaller States and Territories due to the smaller number of deaths, differing age structures, and in the case of the Northern Territory, the large proportion of Indigenous persons in the population.

Over the period 1987 to 1996, the standardised rate for deaths from cerebrovascular disease fell significantly in all States and Territories with the exception of the Northern Territory. The largest fall in standardised death rates was in Tasmania, where the rate dropped from 98.0 to 66.5. In the Northern Territory, the standardised rate for deaths from cerebrovascular disease rose from 56.7 to 68.4 over this period based on a large increase in the death rate for males.

Chronic obstructive pulmonary diseases and allied conditions include asthma, emphysema and bronchitis. Between 1987 and 1996 the standardised death rate from these conditions declined in all States and Territories, apart from Western Australia. Although experiencing the largest decline (120.0 to 77.8), the standardised death rate in the Northern Territory remains approximately twice the rate of any other State or Territory. The overall pattern is the result of substantial falls in the standardised death rates for males across all States and Territories. In contrast, rates for females generally rose with the largest rise occurring in Western Australia (15.2 to 23.6). More detailed information for years 1979 to 1994 is available in *Deaths due to Diseases and Cancers of the Respiratory System, Australia* (Cat no. 3314.0).

## SUMMARY OF FINDINGS *continued*

### CAUSES OF DEATHS BY STATE AND TERRITORY OF USUAL RESIDENCE *continued*

The standardised rate for deaths from senile and presenile organic psychotic conditions increased substantially in all States and Territories during the period 1987 to 1996 with the exception of Tasmania where it fell from 14.0 to 11.9. The increases in other States and Territories over this period were significant with the rate for South Australia increasing from 6.1 to 15.5.

A significant decrease in the standardised death rate for total accidents has occurred over the period 1987 to 1996 for all States and Territories with the exception of Western Australia and the Northern Territory. This decrease is due largely to a decrease in the standardised death rate for motor vehicle traffic accidents in most States and Territories.

For Western Australia, the standardised death rate for motor vehicle traffic accidents was 14.0 in both 1987 and 1996, while an increase in the standardised death rate for accidental falls from 4.7 in 1987 to 6.0 in 1996 lifted the overall rate for deaths from total accidents.

For the Northern Territory, the increase in the standardised death rate for total accidents reflected the increase in standardised death rates for motor vehicle traffic accidents from 34.2 in 1987 to 35.9 in 1996.

### INFANT DEATHS

Infant deaths comprise neonatal deaths (within 0–28 days of birth) and post neonatal deaths (28 days to less than 1 year). In 1996, the total number of infant deaths was 1,460 (843 males and 617 females) comprising 759 neonatal deaths and 701 post neonatal deaths.

Nearly half (47%) of all infant deaths in 1996 were attributed to conditions originating in the perinatal period of which the single leading cause was extreme immaturity. A further 15% of total infant deaths were due to symptoms, signs and ill-defined conditions, of which sudden death, cause unknown (SIDS) is a major component. However, for post neonatal deaths in 1996, SIDS was the leading cause, accounting for over a third (36%) of these deaths.

### PERINATAL DEATHS

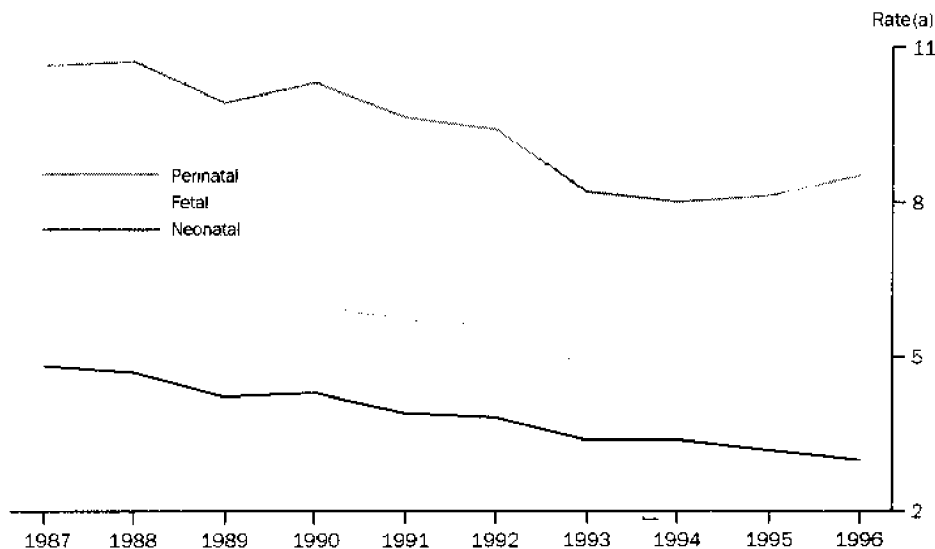
Perinatal deaths comprise stillbirths (fetal deaths) and deaths of infants within the first 28 days of life (neonatal deaths). There were 2,170 perinatal deaths in 1996 which represented a perinatal death rate of 8.5 deaths per 1,000 births. Fetal deaths continued to constitute a greater proportion of perinatal deaths, accounting for 65% of the total perinatal deaths registered in 1996.

Since 1987, the rate for perinatal deaths has fluctuated. There has been a downward trend to 1994 but from this time rates have increased. While the rate for neonatal deaths has experienced a continual downward trend, the rate for fetal deaths has risen from a low of 4.7 in 1994 and is now approaching the rates experienced in the early 1990s.

# SUMMARY OF FINDINGS *continued*

## PERINATAL DEATHS *continued*

Perinatal, fetal and neonatal death rates



(a) Per 1,000 births

The medical certificate of perinatal death allows for causes or conditions in the mother to be noted as well as those in the fetus or infant. For perinatal deaths registered in 1996, a maternal condition was noted on 59% of certificates. Complications of the placenta, cord and membrane was mentioned for 28% of deaths, while maternal complications of pregnancy was mentioned in 15% of cases.

### Fetal deaths

There were 1,411 fetal deaths registered in 1996, the highest number of fetal deaths recorded since 1992. Both male and female rates have increased in recent years. The male rate increased to 5.8 deaths per 1,000 births from the low of 5.0 recorded in 1993, while the female rate has moved closer to the male rate, increasing to 5.3 deaths per 1,000 births from the low of 4.1 recorded in 1994.

### Neonatal deaths

The number of neonatal deaths registered in 1996 continued the downward trend experienced in recent years. The neonatal death rate for males has fallen each year from 4.9 deaths per 1,000 live births in 1990 to 3.4 in 1996. Since 1988 the female rate has fallen each year from 4.1 deaths per 1,000 live births to 2.5 in 1996.

For neonatal deaths in 1996 the major single cause was extreme immaturity which accounted for 33.3% of all conditions originating in the perinatal period.

PROSTATE CANCER DEATHS, 1982 TO 1996

INTRODUCTION

Prostate cancer (International Classification of Diseases Version 9 (ICD-9) code 185) is the malignant enlargement of the prostate gland and is responsible for over 13% of all deaths from cancer in males. For over two decades, prostate cancer has ranked as the second leading cause of cancer deaths in males, after lung cancer which accounts for about a quarter of all male cancer deaths. Although the aetiology of prostate cancer is not yet fully understood, some life-style, environmental and familial or genetic factors have been found to be associated with the disease<sup>1</sup>. Life-style factors related to the disease include high fat diet, obesity and lack of physical activity. It has been suggested that contamination of the environment may also be an important factor<sup>1</sup>.

TRENDS IN DEATHS

From 1982 to 1996, the number of deaths per year ascribed to prostate cancer has nearly doubled, rising from 1,355 in 1982 to 2,660 in 1996. The corresponding death rate has risen from 17.9 deaths to 29.2 deaths per 100,000 of the male population during the same period, an increase of 63%. The age-standardised death rate for prostate cancer, however, increased by 19%, rising from 21.7 to 25.8. This suggests that about two-thirds of the increase in the crude death rate was due to ageing of the population. Since 1993, the standardised death rate from prostate cancer has declined slowly.

Prostate cancer deaths

Year	Number of deaths	Crude death rate	Standardised death rate:(a)
1982	1 356	17.9	21.7
1983	1 394	18.1	21.7
1984	1 403	18.0	20.9
1985	1 588	20.1	22.9
1986	1 642	20.5	22.6
1987	1 744	21.5	23.2
1988	1 884	22.8	24.2
1989	2 014	24.0	25.0
1990	2 091	24.6	25.2
1991	2 115	24.5	24.5
1992	2 370	27.2	26.5
1993	2 543	28.9	27.5
1994	2 590	29.2	27.1
1995	2 575	28.6	26.0
1996	2 660	29.2	25.8

(a) Standardised rate per 100,000 males.

Note: The standardised rates are calculated by applying age-specific death rates to the 1991 total male population. The standardised rate used in this article therefore differs from standardised rates provided elsewhere in this publication. Other age-specific rates are applied to the 1991 total persons (see glossary for details) which also include females.

<sup>1</sup> Australian Health Technology Advisory Committee (1989) of the NHMRC. Commonwealth Department of Health and Family Services, *Prostate cancer screening*, AGPS, Canberra, 1996.

<sup>2</sup> Key, T, *Risk factors for prostate cancer*, *Cancer Survey*, vol. 23: 63-77, 1995.

INTERNATIONAL COMPARISON

The 1994 Australian age-standardised death rate from prostate cancer (27.1 per 100,000 males) can be compared with rates reported in other countries. It should be noted that the years used for comparison vary between 1992 and 1994 for different countries. Since annual death rates have fluctuated in most countries, the relative ranking of any country referred to in the analysis can vary according to the year selected for comparison. These rates were computed using the latest information available from the World Health Organisation (WHO)<sup>3</sup>. International comparisons of prostate cancer death rates can also be affected by variations in diagnosis and reporting practices between countries. Nevertheless, the standardised death rates for the countries selected for comparison still indicate the relative ranking and show mainly the influence of genetic, life-style (mainly diet) and environmental factors.

There is a wide variation in the standardised death rates from prostate cancer across the selected countries, ranging from 2.0 per 100,000 men in the Republic of Korea to 35.1 in Norway. The standardised death rates from prostate cancer recorded for Norway, Switzerland and New Zealand were substantially higher than the Australian rate for 1994, while the Netherlands recorded a death rate similar to Australia. However, for 1994 Australia had a standardised death rate for prostate cancer much higher than United Kingdom, the United States of America and Canada.

Age-standardised death rate(a) from prostate cancer

Country	Year	Standardised death rate(a)
Norway	1993	35.1
Switzerland	1994	33.8
New Zealand	1994	29.6
Netherlands	1994	27.9
<b>Australia</b>	<b>1994</b>	<b>27.1</b>
United Kingdom	1994	24.9
United States of America	1992	24.8
Canada	1993	23.9
Japan	1994	6.3
Hong Kong	1993	4.8
Republic of Korea	1994	2.0

(a) Standardised rate per 100,000 males. The 1991 total Australian male population was used as the standard.

Source: World Health Organisation, 1995 *World Health Statistics Annual*, WHO, Geneva, 1997.

<sup>3</sup> World Health Organisation, 1995 *World Health Statistics Annual*, WHO, Geneva, 1997.

AGE-SPECIFIC DEATH RATES

As prostate cancer is a disease associated with ageing, the number of deaths reported for men under the age of 45 years was extremely small, totalling only 7 deaths over the 15-year period. Further analysis therefore, will be restricted to men 45 years and over, the group most exposed to the risk of prostate cancer death. The number of deaths and age-specific death rates have been averaged over three-yearly intervals to minimise the effects of random fluctuations.

Prostate cancer deaths, average death rate per 100,000 males

Age group (years)	1982 to 84	1985 to 87	1988 to 90	1991 to 93	1994 to 96
45-49	0.8	0.8	0.9	1.1	1.3
50-54	3.1	3.1	3.3	3.7	3.6
55-59	11.2	10.9	12.5	14.8	12.3
60-64	29.8	32.4	35.8	34.9	37.3
65-69	68.2	75.5	79.4	90.5	82.9
70-74	144.0	147.9	170.7	176.1	176.1
75-79	276.0	296.4	321.1	320.0	323.4
80-84	462.7	486.2	515.9	550.5	547.9
85 and over	674.1	751.7	793.8	882.0	940.6
All aged 45 years & over	65.2	73.5	82.8	89.9	92.2

There is a substantial time lag between the onset of the disease and its progression to a tumour which emerges in old age. As a result, the age-specific death rates from prostate cancer rise with advancing age. The age-specific death rate from prostate cancer rises rapidly from 45-49 to 65-69 and then increases more slowly. This may imply that men of older ages are more likely to die from causes other than prostate cancer even though prostate cancer is one of a number of coexisting conditions at the time of death.

The age-specific death rates from prostate cancer rose for most age groups during the reference period. The rate of increase, however, varied between age groups and time periods. While the age-specific death rates have fluctuated over the 15-year period, they were substantially higher at the end of the period (1994 to 96) than the beginning (1982 to 84). These increases were more rapid among men over the age of 60 years, particularly among those aged 85 years and over (40%).

The increases in the death rates observed during the period could be a result of a number of factors, including the ageing of the population, increased awareness of the disease, improved diagnosis, as well as an actual rise in prostate cancer prevalence. The relative impact of each of these factors is difficult to assess.

TRENDS IN DEATH RATES

Men 45 years of age and over

From 1982-84 to 1985-87, the rate of increase in the average standardised death rate from prostate cancer was 7.0%. From 1985-87 to 1988-90 the average death rate rose by 8.5%. Thereafter the rate of increase slowed. Between 1991-93 and 1994-96, the average standardised death rate rose marginally. The standardised death rates for both periods remained around 89 deaths per 100,000 male population.

Prostate cancer deaths, 45 years and over

DEATH RATE.....

Period	Average number of deaths	Crude	Standardised(a)	% increase(b)
1982-84	1 383	65.2	72.8	—
1985-87	1 656	73.5	77.9	7.0
1988-90	1 995	82.8	84.5	8.5
1991-93	2 342	89.9	89.3	5.7
1994-96	2 608	92.2	89.5	0.2

(a) Standardised rate per 100,000 males. The 1991 male population aged 45 years and over was used as the standard.

(b) Standardised death rate.

While ageing of the population is a major contributor to the rise in prostate cancer deaths, diagnosis criteria may also have played an important role. The Prostate Specific Antigen (PSA) test is done to detect cancer in the prostate. It was increasingly used in Australia in the 1980s. This may have contributed to increased awareness and diagnosis of the disease and the resulting rapid rise in prostate cancer being identified as the underlying cause of death. The Australian Health Technology Advisory Committee of the National Health and Medical Research Council, after reviewing the evidence of PSA screening test on enhanced longevity and well being of men, did not endorse PSA testing as part of the national screening strategy in Australia. This test is currently being performed by doctors as requested by patients.

<sup>2</sup> Australian Health Technology Advisory Committee (1989) of the NHMRC. Commonwealth Department of Health and Family Services, *Prostate cancer screening*, AGPS, Canberra, 1996.

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TABLE 1. CAUSES OF DEATH: NUMBER, RATE AND PROPORTION, AUSTRALIA, 1996

Cause of death (a) and ICD code	Number of deaths			Rate per 100,000 of mid-year population (b)			Proportion of total deaths (per cent)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
<b>All causes</b>	<b>68,201</b>	<b>60,510</b>	<b>128,711</b>	<b>749</b>	<b>659</b>	<b>704</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<i>Infectious and parasitic diseases (001-139)</i>	1,067	571	1,638	12	6	9	1.6	0.9	1.3
Intestinal infectious diseases (001-009)	27	55	82	(c)	1	(c)	(d)	0.1	0.1
Tuberculosis (010-018)	18	14	32	(c)	(c)	(c)	(d)	(d)	(d)
Whooping cough (033)	2	2	2	(c)	(c)	(c)	(d)	(d)	(d)
Meningococcal infection (036)	14	11	25	(c)	(c)	(c)	(d)	(d)	(d)
Tetanus (037)	—	—	—	—	—	—	—	—	—
Septicaemia (038)	279	314	593	3	3	3	0.4	0.5	0.5
Smallpox (050)	—	—	—	—	—	—	—	—	—
Measles (055)	—	—	—	—	—	—	—	—	—
Malaria (084)	2	—	2	(c)	—	(c)	(d)	—	(d)
All other infectious and parasitic diseases (Remainder 001-139)	725	177	902	8	2	5	1.1	0.3	0.7
<i>Malignant neoplasms (140-208)</i>	19,584	15,084	34,668	215	164	190	28.7	24.9	26.9
Stomach (151)	749	478	1,227	8	5	7	1.1	0.8	1.0
Colon (153)	1,862	1,679	3,541	20	18	19	2.7	2.8	2.8
Rectum, rectosigmoid junction and anus (154)	644	433	1,077	7	5	6	0.9	0.7	0.8
Trachea, bronchus and lung (162)	4,773	2,053	6,826	52	22	37	7.0	3.4	5.3
Female breast (174)	—	2,623	2,623	—	29	14	—	4.3	2.0
Cervix uteri (180)	—	302	302	—	3	2	—	0.5	0.2
Leukaemia (204-208)	768	536	1,304	8	6	7	1.1	0.9	1.0
All other malignant neoplasms (Remainder 140-208)	10,788	6,980	17,768	119	76	97	15.8	11.5	13.8
Diabetes mellitus (250)	1,521	1,470	2,991	17	16	16	2.2	2.4	2.3
Nutritional marasmus (261)	—	—	—	—	—	—	—	—	—
Other protein-caloric malnutrition (262, 263)	33	37	70	(c)	(c)	(c)	(d)	0.1	0.1
Anaemias (280-285)	76	133	209	1	1	1	0.1	0.2	0.2
Meningitis (320-322)	24	21	45	(c)	(c)	(c)	(d)	(d)	(d)
<i>Diseases of the circulatory system (390-459)</i>	26,550	27,439	53,989	292	299	295	38.9	45.3	41.9
Acute rheumatic fever (390-392)	3	3	3	(c)	(c)	(c)	(d)	(d)	(d)
Chronic rheumatic heart disease (393-398)	122	221	343	1	2	2	0.2	0.4	0.3
Hypertensive disease (401-405)	440	660	1,100	5	7	6	0.6	1.1	0.9
Ischaemic heart disease (410-414)	16,092	13,545	29,637	177	147	162	23.6	22.4	23.0
Acute myocardial infarction (410)	9,662	8,103	17,765	106	88	97	14.2	13.4	13.8
Other ischaemic heart disease (411-414)	6,430	5,442	11,872	71	59	65	9.4	9.0	9.2
Cerebrovascular disease (430-438)	5,205	7,601	12,806	57	83	70	7.6	12.6	9.9
Atherosclerosis (440)	285	530	815	3	6	4	0.4	0.9	0.6
All other diseases of the circulatory system (415-429, 441-459)	4,403	4,882	9,285	48	53	51	6.5	8.1	7.2

TABLE 1. CAUSES OF DEATH: NUMBER, RATE AND PROPORTION, AUSTRALIA, 1996 — continued

Cause of death (a) and ICD code	Number of deaths			Rate per 100,000 of mid-year population (b)			Proportion of total deaths (per cent)		
	Males		Persons	Males		Persons	Males		Persons
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Pneumonia (480-486)	734	937	1,671	8	10	9	1.1	1.5	1.3
Influenza (487)	56	109	165	1	1	1	0.1	0.2	0.1
Bronchitis, emphysema and asthma (490-493)	1,113	881	1,994	12	10	11	1.6	1.5	1.5
Ulcer of stomach and duodenum (531-533)	231	279	510	3	3	3	0.3	0.5	0.4
Appendicitis (540-543)	16	11	27	(c)	(c)	(c)	(d)	(d)	(d)
Chronic liver disease and cirrhosis (571)	768	305	1,073	8	3	6	1.1	0.5	0.8
Nephritis, nephrotic syndrome and nephrosis (580-589)	789	966	1,755	9	11	10	1.2	1.6	1.4
Hyperplasia of prostate (600)	38	—	38	(c)	—	(c)	0.1	—	(d)
Abortion (630-639)	—	1	1	—	(c)	(c)	—	(d)	(d)
Direct obstetric deaths (640-646,651-676)	—	11	11	—	(c)	(c)	—	(d)	(d)
Congenital anomalies (740-759)	350	301	651	4	3	4	0.5	0.5	0.5
<i>Certain conditions originating in the perinatal period (760-779)</i>									
Birth trauma (767)	391	309	700	4	3	4	0.6	0.5	0.5
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	22	28	50	(c)	(c)	(c)	(d)	(d)	(d)
Other conditions originating in the perinatal period (760-766,771-779)	117	84	201	1	1	1	0.2	0.1	0.2
Signs, symptoms and ill-defined conditions (780-799)	252	197	449	3	2	2	0.4	0.3	0.3
All other diseases (Remainder 001-799)	285	262	547	3	3	3	0.4	0.4	0.4
	9,144	9,260	18,404	100	101	101	13.4	15.3	14.3
<i>Accidents and adverse effects (E800-E949)</i>									
Motor vehicle traffic accidents (E810-E819)	3,174	1,522	4,696	35	17	26	4.7	2.5	3.6
Accidental falls (E880-E888)	1,398	544	1,942	15	6	11	2.0	0.9	1.5
All other accidents and adverse effects (Remainder E800-E949)	523	579	1,102	6	6	6	0.8	1.0	0.9
	1,253	399	1,652	14	4	9	1.8	0.7	1.3
<i>Suicide (E950-E959)</i>									
Homicide (E960-E969)	1,931	462	2,393	21	5	13	2.8	0.8	1.9
All other external causes (E970-E999)	223	103	326	2	1	2	0.3	0.2	0.3
	103	36	139	1	(c)	1	0.2	0.1	0.1

(a) The classification utilises the Mortality List of 50 Causes recommended by the Ninth Revision (1975) of the International Classification of Diseases. (b) See Appendix - Definitions. (c) Less than 0.5. (d) Less than 0.05.

TABLE 2. CAUSES OF DEATH: NEW SOUTH WALES, 1996

Cause of death and ICD code	Sex	Age group (years)										Total (a)
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over		
<b>All causes</b>	M	287	149	437	1,482	1,355	2,690	6,136	7,559	3,659	23,765	
	F	212	110	122	607	850	1,548	3,699	7,009	7,216	21,376	
	P	499	259	559	2,089	2,205	4,238	9,835	14,568	10,875	45,141	
Class I Infectious and parasitic diseases (001-139)	M	5	4	4	192	65	31	56	71	39	467	
	F	2	3	5	8	8	14	42	80	57	219	
Class II Neoplasms (140-239)	M	1	27	28	195	465	1,072	2,269	2,065	668	6,791	
	F	2	20	14	245	513	793	1,386	1,572	800	5,345	
Malignant neoplasms (140-208)	M	1	23	28	189	462	1,064	2,247	2,022	641	6,678	
	F	2	20	14	241	511	787	1,370	1,537	764	5,246	
Respiratory and intrathoracic organs (160-165)	M	—	—	1	18	109	324	686	492	91	1,721	
	F	—	—	—	23	82	138	226	215	70	754	
Melanoma of skin (172)	M	—	—	2	30	27	33	59	61	18	230	
	F	—	—	2	16	18	20	20	21	18	115	
Breast (174, 175)	M	—	—	—	—	—	3	3	3	—	6	
	F	—	—	—	79	145	161	213	194	91	883	
Genitourinary organs (179-189)	M	—	1	—	14	27	109	361	519	244	1,276	
	F	—	1	—	43	58	94	204	217	88	705	
Lymphatic and haematopoietic tissue (200-208)	M	—	9	15	32	56	105	194	185	52	648	
	F	1	7	5	23	46	75	151	183	78	569	
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	4	3	8	20	39	53	174	161	84	546	
	F	3	5	4	20	16	38	114	191	152	543	
Diabetes mellitus (250)	M	—	—	2	6	22	43	124	132	66	395	
	F	—	—	1	10	11	28	88	148	104	390	
Class IV Diseases of blood and blood-forming organs (280-289)	M	—	—	1	5	2	6	13	21	12	60	
	F	—	1	1	2	5	3	11	25	26	74	
Class V Mental disorders (290-319)	M	—	—	39	151	25	26	41	126	122	530	
	F	—	—	11	32	10	7	35	191	355	641	
Class VI Diseases of the nervous system and sense organs (320-389)	M	11	—	24	38	30	38	127	177	97	559	
	F	7	—	7	16	15	30	87	194	201	568	
Class VII Diseases of the circulatory system (390-459)	M	3	—	—	173	399	982	2,439	3,627	1,914	9,558	
	F	2	—	—	66	121	391	1,353	3,630	4,491	10,069	
All heart disease (393-398, 402, 404, 410-414, 415, 420-429)	M	2	—	—	141	357	815	1,845	2,573	1,275	7,025	
	F	2	—	—	46	75	275	925	2,410	2,870	6,617	
Ischaemic heart disease (410-414)	M	—	—	—	96	279	690	1,575	2,113	944	5,704	
	F	—	—	—	26	49	211	742	1,883	2,001	4,916	
Cerebrovascular disease (430-438)	M	1	—	3	28	33	125	400	816	496	1,903	
	F	—	—	—	15	39	88	324	983	1,317	2,767	

TABLE 2. CAUSES OF DEATH: NEW SOUTH WALES, 1996 continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)										Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over			
Class VIII Diseases of the respiratory system (460-519)	M	10	4	6	20	30	140	592	806	396	2,004		
	F	4	6	17	44	122	385	555	510	1,650			
Pneumonia and influenza (480-487)	M	5	1	6	8	10	53	61	77	223			
	F	2	5	4	8	13	44	70	162	310			
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	2	5	9	18	109	468	597	251	1,459			
	F	2	4	12	33	98	299	378	214	1,040			
Class IX Diseases of the digestive system (520-579)	M	3	1	43	79	135	184	173	115	739			
	F	1	2	18	30	55	107	193	227	633			
Chronic liver disease and cirrhosis (571)	M	—	—	35	58	97	79	23	4	297			
	F	—	—	9	19	32	32	22	3	117			
Class X Diseases of the genitourinary system (580-629)	M	1	—	3	5	20	58	156	105	348			
	F	1	—	4	6	26	62	169	179	448			
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	1	—	2	4	13	42	136	88	286			
	F	1	—	4	4	21	42	131	151	354			
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	M	—	—	—	—	—	—	—	—	—			
	F	—	—	8	—	—	—	—	—	8			
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	1	—	2	6	8	6	23			
	F	—	—	1	—	2	3	19	22	47			
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	2	1	11	23	22	13	72			
	F	—	1	8	4	12	32	55	57	170			
Class XIV Congenital anomalies (740-759)	M	59	8	11	5	6	6	2	1	109			
	F	52	1	12	10	7	6	5	—	110			
Class XV Certain conditions originating in the perinatal period (760-779)	M	136	—	—	—	—	—	—	—	136			
	F	109	3	—	—	—	—	—	—	112			
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	42	3	—	3	5	5	6	9	86			
	F	28	3	—	1	—	2	13	33	86			
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	12	306	619	207	163	143	138	78	1,737			
	F	2	62	148	67	48	74	117	106	653			
Motor vehicle traffic accidents (E810-E819)	M	—	119	139	41	26	22	28	13	419			
	F	—	30	40	12	19	24	19	6	164			
Accidental falls (E880-E888)	M	1	7	19	13	16	27	51	48	183			
	F	—	3	3	4	2	16	71	87	184			
Suicide (E950-F959)	M	—	107	297	84	74	55	34	8	660			
	F	—	17	64	29	17	12	10	4	155			

TABLE 2. CAUSES OF DEATH: VICTORIA, 1996

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
<b>All causes</b>	M	179	99	309	942	856	1,899	4,385	5,376	2,961	17,009
	F	129	63	103	454	572	1,058	2,626	5,093	5,619	15,717
	P	308	162	412	1,396	1,428	2,957	7,011	10,469	8,580	32,726
<b>Class I</b>	M	3	1	2	78	27	35	34	47	22	249
	F	—	—	—	—	—	—	—	—	—	146
	M	1	1	3	7	5	12	20	40	58	146
<b>Class II</b>	M	1	19	16	147	299	819	1,762	1,521	531	5,115
	F	2	13	208	338	600	1,100	1,100	1,203	610	4,085
	M	1	19	145	298	814	1,747	1,490	1,490	504	5,034
	F	2	11	207	335	599	1,088	1,181	1,181	592	4,026
	M	—	—	10	81	247	551	380	380	87	1,356
	F	—	—	8	46	89	194	184	184	43	564
	M	—	—	11	19	25	38	30	30	12	136
	F	—	—	5	8	7	14	20	20	16	70
	M	—	—	—	1	1	1	1	1	1	5
	F	—	—	81	121	150	163	128	128	78	721
	M	—	—	6	26	82	264	370	370	190	939
	F	—	—	32	42	71	160	176	176	69	551
	M	1	4	38	34	70	142	134	134	45	479
	F	1	5	19	19	56	99	99	120	58	380
<b>Class III</b>	M	1	3	10	33	87	182	229	229	107	653
	F	3	3	8	20	40	129	216	216	184	608
	M	—	—	5	20	69	146	193	193	88	521
	F	—	—	2	12	35	101	184	184	149	484
<b>Class IV</b>	M	1	—	2	2	5	15	23	23	16	64
	F	—	—	2	3	3	8	13	13	28	57
<b>Class V</b>	M	—	—	58	6	14	35	107	107	112	352
	F	—	—	10	7	6	27	161	161	384	602
<b>Class VI</b>	M	6	15	23	15	34	79	148	148	69	402
	F	3	7	18	14	16	60	111	111	159	394
	M	2	4	124	290	601	1,628	2,375	2,375	1,470	6,503
	F	—	6	51	92	226	866	2,523	2,523	3,220	6,989
<b>Class VII</b>	M	2	4	98	219	493	1,253	1,685	1,685	1,017	4,774
	F	—	4	36	57	167	617	1,662	1,662	2,096	4,642
	M	—	—	73	181	411	1,090	1,384	1,384	761	3,900
	F	—	—	17	42	128	497	1,270	1,270	1,430	3,384
	M	—	—	20	58	76	269	502	502	345	1,273
	F	—	—	14	30	46	193	695	695	884	1,863

TABLE 2. CAUSES OF DEATH: VICTORIA, 1996 *continued*

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
Class VIII Diseases of the respiratory system (460-519)	M	3	2	3	13	20	100	373	567	362	1,443
	F	3	2	12	22	57	235	404	404	452	1,188
	M	1	—	8	5	12	37	68	52	68	183
	F	1	—	5	4	4	19	55	55	176	265
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	—	3	5	13	78	309	450	450	256	1,116
	F	1	2	6	16	48	198	285	285	205	761
	M	—	1	24	48	80	115	123	123	89	480
	F	—	1	13	14	32	68	179	179	170	477
Class IX Diseases of the digestive system (520-579)	M	—	—	15	38	51	54	13	13	5	176
	F	—	—	9	8	13	16	13	13	4	63
	M	—	—	4	2	16	26	127	127	101	276
	F	—	—	1	4	12	37	108	108	153	315
Chronic liver disease and cirrhosis (571)	M	—	—	4	1	14	16	16	103	87	225
	F	—	—	—	3	5	20	85	85	117	230
	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Class X Diseases of the genitourinary system (580-629)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Class XIV Congenital anomalies (740-759)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
	M	57	6	7	1	4	2	2	2	93	163
	F	43	5	3	4	5	5	5	—	1	73
Class XV Certain conditions originating in the perinatal period (760-779)	M	77	—	—	—	—	—	—	—	—	77
	F	60	—	—	—	—	—	—	—	—	60
	M	24	1	7	3	4	2	8	8	4	55
	F	12	1	3	1	1	2	6	6	20	47
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	4	237	444	105	90	119	81	81	49	1,169
	F	3	58	114	44	34	46	62	62	106	487
	M	1	95	90	21	24	28	12	12	7	296
	F	8	25	30	11	12	10	12	12	6	114
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	—	—	9	8	7	16	35	35	31	109
	F	—	—	2	1	3	11	33	33	92	143
	M	—	63	183	48	33	38	19	19	4	388
	F	2	15	48	17	10	13	6	6	1	112
Motor vehicle traffic accidents (E810-E819)	M	1	18	90	21	24	28	12	12	7	296
F	8	25	30	11	12	10	12	12	6	114	
Accidental falls (E880-E888)	M	—	—	9	8	7	16	35	35	31	109
F	—	—	2	1	3	11	33	33	92	143	
Suicide (E950-E959)	M	—	—	1	1	3	11	33	33	92	143
F	—	—	183	48	33	38	19	19	4	388	

TABLE 2. CAUSES OF DEATH: QUEENSLAND, 1996

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
<b>All causes</b>	M	164	111	321	857	858	1,390	2,999	3,621	1,830	12,151
	F	140	76	90	379	454	760	1,682	3,272	3,277	10,130
	P	304	187	411	1,236	1,312	2,150	4,681	6,893	5,107	22,281
Class I Infectious and parasitic diseases (001-139)	M	3	4	5	53	23	12	18	42	13	173
	F	4	2	1	6	5	2	7	30	28	85
Class II Neoplasms (140-239)	M	2	16	22	125	284	595	1,164	1,027	336	3,571
	F	3	17	9	151	258	402	646	723	342	2,551
Malignant neoplasms (140-208)	M	1	15	20	124	279	591	1,154	1,017	329	3,530
	F	1	16	8	149	254	399	641	707	324	2,499
Respiratory and intrathoracic organs (160-165)	M				18	80	193	365	254	62	972
	F				5	38	79	113	86	23	345
Melanoma of skin (172)	M				14	17	21	22	24	10	109
	F				13	13	5	9	16	7	65
Breast (174, 175)	M				1	1	1	1	1	2	7
	F				43	82	83	86	92	44	430
Genitourinary organs (179-189)	M				6	14	57	218	263	123	683
	F				20	31	62	86	113	39	354
Lymphatic and haematopoietic tissue (200-208)	M				26	32	40	90	80	23	304
	F				21	21	30	56	79	46	263
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	3	1	1	10	27	39	81	98	45	305
	F	1	1	3	9	17	34	65	109	81	320
Diabetes mellitus (250)	M				6	15	30	68	81	35	235
	F				5	11	28	45	81	58	228
Class IV Diseases of blood and blood-forming organs (280-289)	M	1	1	1	1	1	4	11	12	3	34
	F				1	2	4	1	8	12	29
Class V Mental disorders (290-319)	M				16	10	6	21	80	78	216
	F				8	3	4	10	92	197	316
Class VI Diseases of the nervous system and sense organs (320-389)	M	2	14	9	21	11	11	40	73	38	219
	F	1	5	4	11	9	16	28	69	77	220
Class VII Diseases of the circulatory system (390-459)	M	3	1	9	106	275	481	1,188	1,704	936	4,703
	F				43	62	178	621	1,673	1,969	4,550
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	3		7	89	229	391	881	1,202	645	3,447
	F				25	40	120	436	1,111	1,281	3,015
Ischaemic heart disease (410-414)	M			2	67	191	353	791	1,032	538	2,974
	F				8	26	96	366	913	988	2,398
Cerebrovascular disease (430-438)	M			1	14	35	59	205	372	227	914
	F			2	17	19	44	150	463	570	1,265

TABLE 2. CAUSES OF DEATH: QUEENSLAND, 1996—continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)										85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84					
Class VIII Diseases of the respiratory system (460-519)	M	2	5	5	11	39	90	287	357	201	997			
	F	—	3	12	23	63	158	243	238	745				
Pneumonia and influenza (480-487)	M	1	1	7	6	16	37	20	57	145				
	F	—	—	9	5	11	23	39	109	197				
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	—	4	3	27	66	225	287	91	707				
	F	—	3	2	15	47	126	162	77	433				
Class IX Diseases of the digestive system (520-579)	M	—	2	27	47	61	80	74	59	352				
	F	—	2	12	20	22	50	114	123	343				
Chronic liver disease and cirrhosis (571)	M	—	1	23	33	37	22	9	2	128				
	F	—	—	8	13	10	12	7	1	51				
Class X Diseases of the genitourinary system (580-629)	M	—	—	6	3	8	30	62	55	164				
	F	—	—	1	2	9	36	94	80	222				
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	5	1	3	15	49	38	111				
	F	—	—	1	2	7	27	75	64	176				
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	M	—	1	1	—	—	—	—	—	2				
	F	—	—	—	—	—	—	—	—	—				
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	—	1	1	1	1	3	8				
	F	—	—	—	—	1	1	1	6	18				
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	2	1	3	14	13	14	47				
	F	—	1	3	1	2	19	33	32	92				
Class XIV Congenital anomalies (740-759)	M	43	6	5	3	1	—	2	—	61				
	F	36	5	4	1	2	2	2	—	57				
Class XV Certain conditions originating in the perinatal period (760-779)	M	73	—	—	—	—	—	—	—	73				
	F	73	1	1	1	—	—	—	—	75				
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	23	4	17	1	3	1	2	6	57				
	F	19	4	4	2	2	—	3	15	52				
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	9	257	457	132	76	63	72	43	1,171				
	F	3	51	113	48	19	38	73	73	453				
Motor vehicle traffic accidents (E810-E819)	M	2	93	96	19	13	10	13	6	271				
	F	—	13	36	13	6	7	16	5	117				
Accidental falls (E880-E888)	M	—	3	12	10	8	11	26	31	103				
	F	—	—	1	3	3	13	43	62	125				
Suicide (E950-E959)	M	—	102	205	62	31	23	20	3	451				
	F	—	11	43	21	4	6	2	—	88				



TABLE 2. CAUSES OF DEATH: SOUTH AUSTRALIA, 1996

Cause of death and ICD code	Sex	Age group (years)										85 and over	Total (a)		
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over					
<b>All causes</b>															
Class I Infectious and parasitic diseases (001-139)	M	57	27	100	345	327	641	1,617	1,968	979	75				6,061
	F	37	19	31	147	196	375	970	1,793	1,977	50				5,545
	P	94	46	131	492	523	1,016	2,587	3,761	2,956					11,606
Class II Neoplasms (140-239)	M	1	3	1	23	7	3	14	14	12					75
	F	1	2	1	2	1	2	12	17	15					50
	M	5	8	5	51	104	257	551	555	187					1,718
	F	4	1	4	66	118	219	365	424	210					1,407
Malignant neoplasms (140-208)	M	---	8	4	50	104	254	544	543	176					1,683
	F	---	1	4	64	116	218	361	413	200					1,377
Respiratory and intrathoracic organs (160-165)	M	---	---	---	5	27	74	162	143	28					439
	F	---	---	---	6	18	30	62	43	18					177
Melanoma of skin (172)	M	---	---	---	4	4	5	14	9	1					37
	F	---	---	---	3	5	5	9	7	1					30
Breast (174, 175)	F	---	---	---	21	30	50	64	64	32					261
Genitourinary organs (179-189)	M	---	---	1	3	8	28	84	141	63					328
	F	---	---	---	8	14	34	35	42	31					164
Lymphatic and haematopoietic tissue (200-208)	M	---	4	3	13	7	21	51	60	23					182
	F	---	---	---	8	10	13	38	51	19					142
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	1	1	2	7	15	26	66	58	21					196
	F	---	1	1	3	9	9	51	70	60					204
Diabetes mellitus (250)	M	---	---	2	5	11	21	57	47	20					163
	F	---	---	---	1	8	6	37	61	49					162
Class IV Diseases of blood and blood-forming organs (280-289)	M	---	---	---	1	1	2	5	7	2					17
	F	---	---	---	1	1	1	2	6	7					17
Class V Mental disorders (290-319)	M	---	1	10	14	1	7	20	60	47					160
	F	---	---	---	1	---	3	6	67	150					227
Class VI Diseases of the nervous system and sense organs (320-389)	M	1	2	1	9	5	10	30	39	22					118
	F	1	1	1	1	7	12	24	59	50					161
Class VII Diseases of the circulatory system (390-459)	M	---	---	3	47	110	231	699	895	481					2,466
	F	---	---	1	16	27	73	345	898	1,174					2,534
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	2	38	97	189	537	635	1,823	635	325					1,823
	F	1	13	20	50	241	577	1,621	577	719					1,621
Ischaemic heart disease (410-414)	M	---	---	---	30	79	150	469	519	239					1,486
	F	---	---	---	8	41	198	464	464	513					1,237
Cerebrovascular disease (430-438)	M	---	---	1	7	12	23	108	194	125					470
	F	---	---	---	2	7	16	83	262	375					745

TABLE 2. CAUSES OF DEATH: SOUTH AUSTRALIA, 1996 -continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)										85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over				
Class VIII Diseases of the respiratory system (460-519) Pneumonia and influenza (480-487) Chronic obstructive pulmonary disease and allied conditions (490-496)	M	1	—	1	7	6	33	126	198	111	483			
	F	—	2	2	6	24	77	116	135	364				
	M	—	—	4	3	5	18	21	27	78				
	F	—	—	—	1	2	7	23	70	104				
Class IX Diseases of the digestive system (520-579) Chronic liver disease and cirrhosis (571)	M	—	1	2	2	24	95	143	68	355				
	F	—	1	2	4	18	62	81	41	210				
	M	—	1	11	20	21	42	60	36	192				
	F	—	—	5	5	13	29	50	64	166				
Class X Diseases of the genitourinary system (580-629) Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	3	1	10	5	6	3	28				
	F	—	—	—	—	—	—	—	—	—				
	M	—	1	2	1	4	13	38	32	91				
	F	—	—	1	—	5	22	30	55	113				
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	—	—	—	—	—	—	—				
	F	—	—	—	—	—	—	—	—	—				
	M	—	—	—	—	—	—	—	—	—				
	F	—	—	—	—	—	—	—	—	—				
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	—	—	—	—	—	—	—				
	F	—	—	—	—	—	—	—	—	—				
	M	—	—	—	—	—	—	—	—	—				
	F	—	—	—	—	—	—	—	—	—				
Class XIV Congenital anomalies (740-759)	M	12	2	2	—	4	11	21	12	48				
	F	6	2	5	2	2	1	1	—	21				
	M	32	—	—	—	—	—	—	—	32				
	F	20	—	—	—	—	—	—	—	20				
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	7	2	1	1	—	—	—	1	13				
	F	9	1	1	—	—	2	2	9	25				
	M	2	72	170	57	39	45	37	19	453				
	F	1	18	38	19	8	23	30	31	178				
Class XVII Accidents, poisonings and violence (external causes) (E800-E999) Motor vehicle traffic accidents (E810-E819) Accidental falls (E880-E888) Suicide (E950-E959)	M	—	36	53	10	6	7	9	2	128				
	F	—	11	10	3	2	6	7	2	45				
	M	—	—	6	—	3	12	13	13	47				
	F	—	—	—	—	1	5	17	28	52				
M	—	22	61	28	21	11	9	1	153					
F	—	2	17	6	4	1	1	—	32					

TABLE 2. CAUSES OF DEATH: WESTERN AUSTRALIA, 1996

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
<b>All causes</b>	M	103	61	148	436	386	669	1,383	1,747	1,045	5,978
	F	57	42	211	208	356	850	1,515	1,777	1,777	5,049
	P	160	190	647	594	1,025	2,233	3,262	3,262	2,822	11,027
Class I Infectious and parasitic diseases (001-139)	M	1	1	25	8	3	7	19	19	6	70
	F	1	1	2	1	2	7	13	13	16	44
Class II Neoplasms (140-239)	M	11	4	58	147	287	577	494	494	182	1,760
	F	3	4	81	124	180	355	341	341	206	1,294
Malignant neoplasms (140-208)	M	10	4	57	147	286	574	487	487	175	1,740
	F	3	3	80	123	179	353	333	333	193	1,267
Respiratory and intrathoracic organs (160-165)	M	—	—	9	48	89	191	123	123	29	489
	F	—	—	4	10	40	74	59	59	21	208
Melanoma of skin (172)	M	—	—	8	11	8	8	8	17	4	56
	F	—	—	4	3	3	8	7	7	6	31
Breast (174, 175)	M	—	—	30	36	43	49	42	42	21	221
	F	—	—	3	8	21	92	123	123	69	317
Genitourinary organs (179-189)	M	—	—	15	19	21	57	38	38	25	176
	F	—	—	—	—	—	—	—	—	—	—
Lymphatic and haematopoietic tissue (200-208)	M	—	2	10	15	23	44	53	53	14	164
	F	—	1	6	8	16	36	36	36	15	119
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	1	1	4	11	29	50	61	61	22	180
	F	3	2	6	9	18	33	69	69	33	175
Diabetes mellitus (250)	M	—	—	3	7	16	42	58	58	16	142
	F	—	—	2	7	15	28	62	62	25	140
Class IV Diseases of blood and blood-forming organs (280-289)	M	—	—	1	—	1	2	2	2	1	7
	F	—	—	2	2	3	2	5	5	5	20
Class V Mental disorders (290-319)	M	—	14	36	11	4	17	46	46	49	177
	F	—	2	14	2	2	15	50	50	125	210
Class VI Diseases of the nervous system and sense organs (320-389)	M	1	3	9	7	10	20	52	52	43	154
	F	3	4	7	3	7	20	59	59	56	159
Class VII Diseases of the circulatory system (390-459)	M	1	7	62	100	213	477	775	775	500	2,135
	F	1	3	23	33	74	286	722	722	1,020	2,162
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	—	7	51	85	187	366	552	552	345	1,594
	F	—	—	16	18	57	192	454	454	636	1,373
Ischaemic heart disease (410-414)	M	—	2	37	72	165	328	462	462	270	1,336
	F	—	—	8	14	47	160	363	363	498	1,090
Cerebrovascular disease (430-438)	M	—	—	10	9	18	74	175	175	123	409
	F	—	3	6	15	15	66	216	216	319	641

TABLE 2. CAUSES OF DEATH: WESTERN AUSTRALIA, 1996 --continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)										85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84					
Class VIII Diseases of the respiratory system (460-519) Pneumonia and influenza (480-487)	M	5	2	2	9	14	49	137	172	140	530			
	F	5	2	5	10	30	77	109	150	388				
	M	5	1	3	5	7	18	33	38	110				
	F	4	1	3	2	4	17	21	62	111				
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	1	2	6	7	36	93	124	73	342				
	F	1	1	4	7	24	56	75	64	232				
	M	1	1	15	20	22	35	37	37	166				
	F	1	1	9	4	16	16	52	60	158				
Class IX Diseases of the digestive system (520-579) Chronic liver disease and cirrhosis (571)	M	1	1	11	10	13	12	6	1	62				
	F	1	1	8	1	7	6	4	1	29				
	M	1	1	1	2	3	8	35	35	84				
	F	1	1	1	2	2	9	35	35	82				
Class X Diseases of the genitourinary system (580-629) Nephritis, nephrotic syndrome and nephrosis (580-589)	M	1	1	1	2	2	6	29	23	63				
	F	1	1	1	2	2	6	29	27	64				
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	1	1	1	1	1	2	2	2	7				
	F	1	1	1	1	1	1	1	1	8				
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	1	1	1	1	1	1	1	1	4				
	F	1	1	1	1	1	1	1	1	4				
Class XIV Congenital anomalies (740-759)	M	25	1	2	2	5	6	23	24	60				
	F	17	1	6	1	3	2	2	2	42				
Class XV Certain conditions originating in the perinatal period (760-779)	M	47	1	1	1	1	1	1	1	29				
	F	20	1	1	1	1	1	1	1	47				
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	19	1	4	1	2	3	2	3	33				
	F	8	1	1	1	1	1	2	5	20				
Class XVII Accidents, poisonings and violence (external causes) (E800-E999) Motor vehicle traffic accidents (E810-E819) Accidental falls (E880-E888) Suicide (E950-E959)	M	4	116 f	210	64	43	34	43	21	566				
	F	3	22	53	17	16	23	33	36	220				
	M	13	55	64	14	15	13	9	3	186				
	F	1	12	14	2	11	4	6	1	55				
Accidental falls (E880-E888)	M	1	1	6	5	4	8	16	13	54				
	F	1	1	1	1	2	4	18	29	54				
Suicide (E950-E959)	M	1	40	76	27	12	6	9	9	171				
	F	1	7	22	9	2	4	2	2	47				

TABLE 2. CAUSES OF DEATH: TASMANIA, 1996

Cause of death and ICD code	Sex	Age group (years)								Total (a)	
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84		85 and over
<b>All causes</b>	M	19	4	39	101	123	221	574	638	333	2,052
	F	10	10	13	58	85	154	325	587	578	1,820
	P	29	14	52	159	208	375	899	1,225	911	3,872
<b>Class I Infectious and parasitic diseases (001-139)</b>	M	---	1	---	---	---	2	2	5	3	13
	F	---	---	---	1	---	---	---	5	7	13
<b>Class II Neoplasms (140-239)</b>	M	---	---	2	9	46	94	222	181	58	612
	F	---	2	2	26	43	79	111	133	56	452
<b>Malignant neoplasms (140-208)</b>	M	---	---	2	9	46	92	219	180	57	605
	F	---	2	2	26	43	79	110	130	54	446
<b>Respiratory and intrathoracic organs (160-165)</b>	M	---	---	---	---	11	34	76	54	7	185
	F	---	---	---	3	7	14	18	22	2	66
<b>Melanoma of skin (172)</b>	M	---	---	---	1	1	---	4	4	---	10
	F	---	---	---	2	2	---	1	3	---	8
<b>Breast (174, 175)</b>	F	---	---	---	11	5	11	13	11	10	61
<b>Genitourinary organs (179-189)</b>	M	---	---	---	1	8	9	33	39	26	116
	F	---	1	1	2	10	10	12	23	6	65
<b>Lymphatic and haematopoietic tissue (200-208)</b>	M	---	---	1	---	6	7	16	15	5	50
	F	---	---	---	1	2	7	10	14	1	35
<b>Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</b>	M	---	---	---	4	2	9	13	15	9	52
	F	1	1	1	---	4	7	12	21	20	67
<b>Diabetes mellitus (250)</b>	M	---	---	---	2	---	7	10	13	7	39
	F	---	---	---	---	1	3	7	1	13	41
<b>Class IV Diseases of blood and blood-forming organs (280-289)</b>	M	---	---	---	---	---	2	2	3	1	8
	F	---	---	---	1	---	---	2	4	1	8
<b>Class V Mental disorders (290-319)</b>	M	---	---	2	3	---	1	3	13	10	32
	F	---	---	1	---	---	---	2	17	27	48
<b>Class VI Diseases of the nervous system and sense organs (320-389)</b>	M	---	1	1	7	3	---	5	16	12	50
	F	---	---	---	4	4	2	7	7	15	39
<b>Class VII Diseases of the circulatory system (390-459)</b>	M	---	1	1	11	38	71	229	289	175	815
	F	---	1	---	7	13	33	137	289	329	809
<b>All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)</b>	M	---	1	1	9	34	52	171	206	104	578
	F	---	1	---	5	10	27	93	176	207	519
<b>Ischaemic heart disease (410-414)</b>	M	---	---	---	8	28	44	153	172	77	482
	F	---	---	---	2	9	18	69	142	140	380
<b>Cerebrovascular disease (430-438)</b>	M	---	---	---	---	4	13	41	56	45	159
	F	---	---	---	1	3	3	29	85	99	220

TABLE 2. CAUSES OF DEATH: TASMANIA, 1996—continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
Class VIII Diseases of the respiratory system (460-519) Pneumonia and influenza (480-487) Chronic obstructive pulmonary disease and allied conditions (490-496)	M	—	—	—	—	6	15	59	68	40	188
	F	—	—	2	—	—	4	31	53	49	153
	M	—	—	—	1	2	—	6	8	14	31
	F	—	—	—	1	1	—	3	11	26	43
	M	—	—	—	5	12	—	48	51	21	137
Class IX Diseases of the digestive system (520-579) Chronic liver disease and cirrhosis (571)	F	—	—	1	—	—	3	10	26	16	88
	M	—	—	5	8	3	—	20	16	7	59
	F	—	—	1	—	—	—	7	23	29	66
	M	—	—	4	6	1	—	6	2	19	49
	F	—	—	1	—	—	—	3	5	—	10
Class X Diseases of the genitourinary system (580-629) Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	—	—	—	3	3	3	3	23
	F	—	—	—	1	—	—	5	17	15	40
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	M	—	—	—	—	—	—	2	3	2	19
	F	—	—	—	—	—	—	1	16	13	31
Class XII Diseases of the skin and subcutaneous tissue (680-709)	F	—	—	—	—	—	—	—	—	—	1
	M	—	—	—	—	—	—	—	—	—	—
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—
Class XIV Congenital anomalies (740-759)	M	5	—	2	1	—	—	4	4	6	18
	F	1	—	1	1	—	—	—	—	2	13
Class XV Certain conditions originating in the perinatal period (760-779)	M	8	—	—	—	—	—	—	—	—	8
	F	6	—	—	—	—	—	—	—	—	6
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	6	—	4	2	—	—	4	4	1	25
	F	3	—	1	3	—	—	2	3	9	21
Class XVII Accidents, poisonings and violence (external causes) (E800-E999) Motor vehicle traffic accidents (E810-E819) Accidental falls (E880-E888) Suicide (E950-E959)	M	—	33	56	16	11	—	11	9	8	146
	F	—	9	14	11	7	—	5	8	11	68
Motor vehicle traffic accidents (E810-E819)	M	—	17	7	3	—	—	1	1	3	32
	F	—	7	4	6	—	—	3	3	1	26
Accidental falls (E880-E888)	M	—	1	—	—	—	—	2	—	5	14
	F	—	—	—	—	—	—	—	—	10	14
Suicide (E950-E959)	M	—	7	29	8	2	—	3	3	2	54
	F	—	—	4	2	2	—	1	1	10	10

TABLE 2. CAUSES OF DEATH: NORTHERN TERRITORY, 1996

Cause of death and ICD code	Sex	Age group (years)										Total (a)
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over		
<b>All causes</b>	M	22	8	23	119	78	88	72	54	23	487	
	F	19	8	7	39	42	42	50	36	28	271	
	P	41	16	30	158	120	130	122	90	51	758	
<b>Class I</b> Infectious and parasitic diseases (001-139)	M	1	1	1	5	1	1	1	2	1	11	
	F	1	1	1	1	1	1	1	2	1	5	
<b>Class II</b> Neoplasms (140-239)	M	1	1	1	10	20	33	28	11	3	106	
	F	1	1	1	7	13	12	16	10	1	60	
<b>Malignant neoplasms (140-208)</b>	M	1	1	1	9	18	33	28	10	3	102	
	F	1	1	1	7	12	12	16	10	1	59	
<b>Respiratory and intrathoracic organs (160-165)</b>	M	1	1	1	7	7	11	15	5	1	38	
	F	1	1	1	2	1	4	3	1	1	11	
<b>Melanoma of skin (172)</b>	M	1	1	1	1	1	2	1	1	1	4	
<b>Breast (174, 175)</b>	F	1	1	1	1	2	1	3	1	1	2	
<b>Genitourinary organs (179-189)</b>	M	1	1	1	1	1	2	2	1	2	8	
	F	1	1	1	1	2	1	3	3	3	10	
<b>Lymphatic and haematopoietic tissue (200-208)</b>	M	1	1	1	2	1	1	1	1	1	4	
	F	1	1	1	1	1	1	1	1	1	4	
<b>Class III</b> Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	1	1	1	2	4	6	4	1	1	18	
	F	1	1	1	3	1	4	5	2	1	16	
<b>Diabetes mellitus (250)</b>	M	1	1	1	2	2	6	3	1	1	14	
	F	1	1	1	3	1	4	3	2	2	12	
<b>Class IV</b> Diseases of blood and blood-forming organs (280-289)	M	1	1	1	1	1	1	1	1	1	2	
	F	1	1	1	1	1	1	1	1	1	2	
<b>Class V</b> Mental disorders (290-319)	M	1	1	1	2	4	2	1	1	1	11	
	F	1	1	1	1	1	1	1	1	2	6	
<b>Class VI</b> Diseases of the nervous system and sense organs (320-389)	M	1	1	1	3	1	2	1	4	1	11	
	F	1	1	1	1	1	1	1	1	1	2	
<b>Class VII</b> Diseases of the circulatory system (390-459)	M	1	2	1	10	17	21	26	18	9	104	
	F	1	1	1	4	15	10	13	12	14	70	
<b>All heart disease (393-398, 402, 404, 410-414, 416, 420-429)</b>	M	1	2	1	8	13	15	19	9	5	72	
	F	1	1	1	3	9	8	7	8	10	47	
<b>Ischaemic heart disease (410-414)</b>	M	1	1	1	4	13	10	16	7	7	50	
	F	1	1	1	2	5	4	5	5	6	27	
<b>Cerebrovascular disease (430-438)</b>	M	1	1	1	2	4	4	5	6	3	24	
	F	1	1	1	1	4	1	5	4	4	19	

TABLE 2. CAUSES OF DEATH: NORTHERN TERRITORY, 1996--continued

Cause of death and ICD code	Sex	Under 1 year	1-14	Age group (years)							85 and over	Total (a)
				15-24	25-44	45-54	55-64	65-74	75-84			
Class VIII Diseases of the respiratory system (460-519)	M	—	—	1	7	3	7	10	12	7	47	
	F	1	—	—	5	3	7	7	6	3	32	
Pneumonia and influenza (480-487)	M	—	—	1	4	2	—	1	1	2	11	
	F	1	—	—	5	—	2	1	1	2	12	
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	—	—	—	1	—	5	8	6	5	25	
	F	—	—	—	—	3	5	6	5	1	20	
Class IX Diseases of the digestive system (520-579)	M	—	—	—	5	—	5	1	—	—	16	
	F	—	—	—	1	3	1	1	—	2	7	
Chronic liver disease and cirrhosis (571)	M	—	—	—	5	4	2	1	—	—	12	
	F	—	—	—	1	2	—	—	—	—	3	
Class X Diseases of the genitourinary system (580-629)	M	—	—	—	—	2	2	—	—	—	4	
	F	—	—	—	1	2	2	3	—	—	9	
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	—	—	—	—	2	1	—	—	—	3	
	F	—	—	—	—	2	2	2	—	—	6	
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	M	—	—	—	—	—	—	—	—	—	—	
	F	—	—	—	1	—	—	—	—	—	1	
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	—	—	—	—	—	—	—	—	—	—	
	F	—	—	—	—	—	—	—	—	—	—	
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	—	—	—	—	—	—	—	—	—	—	
	F	—	—	—	—	1	—	1	—	—	2	
Class XIV Congenital anomalies (740-759)	M	6	—	—	—	—	—	—	—	—	6	
	F	5	—	—	—	—	—	—	—	—	5	
Class XV Certain conditions originating in the perinatal period (760-779)	M	12	—	—	—	—	—	—	—	—	12	
	F	5	—	—	—	—	—	—	—	—	5	
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	3	—	—	5	2	1	—	—	—	12	
	F	7	—	—	—	—	—	—	—	—	9	
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	—	4	21	70	18	8	1	2	1	125	
	F	—	5	6	14	2	5	2	2	2	36	
Motor vehicle traffic accidents (E810-E819)	M	—	2	11	27	6	1	1	1	—	49	
	F	—	1	4	7	—	3	—	—	—	15	
Accidental falls (E880-E888)	M	—	1	1	3	2	—	—	—	—	9	
	F	—	—	—	—	—	—	—	—	—	—	
Suicide (E950-E959)	M	—	—	5	13	7	3	2	—	2	28	
	F	—	—	2	4	—	1	—	—	—	7	



TABLE 2. CAUSES OF DEATH: AUSTRALIAN CAPITAL TERRITORY, 1996

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
<b>All causes</b>	M	12	8	28	60	54	89	170	175	102	698
	F	13	6	34	32	47	123	186	186	157	602
	P	25	14	94	86	136	293	361	361	259	1,300
Class I Infectious and parasitic diseases (001-139)	M			4	1			2	2		9
	F			2					1		9
Class II Neoplasms (140-239)	M		3	12	19	37	65	53	53	22	214
	F		1	15	16	23	46	47	47	19	168
Malignant neoplasms (140-208)	M		3	12	19	36	65	53	53	21	212
	F		1	14	16	23	45	46	46	18	164
Respiratory and intrathoracic organs (160-165)	M			1	5	11	11	12	8	2	39
	F			1	1	4	8	8	3	2	19
Melanoma of skin (172)	M			1	1				1		4
	F			1	1			2	1		5
Breast (174, 175)	F			4	7	9	6	6	11	3	40
Genitourinary organs (179-189)	M			1	3	1	16	15	15	7	43
	F			4	2	3	5	5	6	2	22
Lymphatic and haematopoietic tissue (200-208)	M		2	2	1	3	4	5	5	2	24
	F		1	1	1	1	1	4	2	4	15
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M				3	1	4	6	5	1	20
	F				1	1	1	3	8	3	15
Diabetes mellitus (250)	M			1	1	1	2	4	4	4	12
	F				1	1	1	3	6	3	13
Class IV Diseases of blood and blood-forming organs (280-289)	M	1							1	1	4
	F							1		1	2
Class V Mental disorders (290-319)	M		2	7	2	2		1	3	2	17
	F			2				1	2	9	15
Class VI Diseases of the nervous system and sense organs (320-389)	M		1	1	2	1	5	2	2	3	17
	F			1	2	1	3	3	4	3	16
Class VII Diseases of the circulatory system (390-459)	M			8	20	29	67	86	86	56	266
	F			2	7	12	4	104	104	91	256
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M			7	18	24	5	62	62	36	200
	F			2	5	8	2	58	58	56	156
Ischaemic heart disease (410-414)	M			6	15	18	49	49	49	23	160
	F			1	3	8	22	44	44	35	113
Cerebrovascular disease (430-438)	M			1	2	4	10	20	20	16	53
	F			1	2	2	12	12	39	26	81

TABLE 2. CAUSES OF DEATH: AUSTRALIAN CAPITAL TERRITORY, 1996 continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)										85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84					
Class VIII Diseases of the respiratory system (460-519)	M	---	---	---	1	2	---	18	12	8	41			
	F	---	---	---	1	4	---	15	10	9	40			
	M	---	---	1	1	---	---	---	1	4	9			
	F	---	---	---	---	---	---	---	2	2	4			
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	---	---	---	1	---	4	---	8	3	26			
	F	---	---	---	---	4	---	---	7	5	29			
	M	---	---	---	2	5	---	---	3	3	18			
	F	---	---	1	---	3	---	5	3	9	21			
Class IX Diseases of the digestive system (520-579)	M	---	---	---	2	4	---	1	1	7	21			
	F	---	---	---	---	---	---	---	---	---	7			
	M	---	---	---	---	1	---	2	1	4	4			
	F	---	---	---	---	---	---	---	---	---	---			
Class X Diseases of the genitourinary system (580-629)	M	---	---	---	1	2	---	3	4	1	11			
	F	---	---	---	---	1	---	4	5	3	14			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	---	---	---	1	2	---	3	3	1	10			
	F	---	---	---	---	1	---	4	5	2	13			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Class XIV Congenital anomalies (740-759)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Class XV Certain conditions originating in the perinatal period (760-779)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Motor vehicle traffic accidents (E810-E819)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Accidental falls (E880-E888)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
Suicide (E950-E959)	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			
	M	---	---	---	---	---	---	---	---	---	---			
	F	---	---	---	---	---	---	---	---	---	---			

TABLE 2. CAUSES OF DEATH: AUSTRALIA, 1996

Cause of death and ICD code	Sex	Age group (years)										Total (a)				
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over						
<b>All causes</b>																
Class I	M	843	467	1,405	4,342	4,037	7,687	17,336	21,138	10,932						68,201
	F	617	325	412	1,929	2,439	4,340	10,325	19,491	20,629						60,510
	P	1,460	792	1,817	6,271	6,476	12,027	27,661	40,629	31,561						128,711
Infectious and parasitic diseases (001-139)	M	13	12	12	380	131	88	134	202	95						1,067
	F	7	7	12	29	20	32	89	188	187						571
Neoplasms (140-239)	M	4	85	80	607	1,384	3,194	6,638	5,907	1,987						19,887
	F	7	58	45	799	1,423	2,308	4,025	4,453	2,241						15,362
Malignant neoplasms (140-208)	M	3	79	77	595	1,373	3,170	6,578	5,802	1,906						19,584
	F	5	55	43	788	1,410	2,296	3,984	4,357	2,146						15,084
Lip, oral cavity and pharynx (140-149)	M				24	57	159	185	70	23						518
	F				7	21	34	57	63	28						210
Stomach (151)	M			1	26	65	111	245	236	65						749
	F			1	11	34	61	127	146	98						478
Colon (153)	M				37	138	361	675	489	162						1,862
	F				43	126	252	447	514	297						1,679
Liver and intrahepatic bile ducts (155)	M		2		21	29	76	168	88	23						407
	F	1			9	12	25	65	49	22						183
Pancreas (157)	M				15	58	132	273	250	48						776
	F			1	13	37	84	219	331	149						834
Other digestive organs and peritoneum (150, 152, 154, 156, 158, 159)	M				36	131	299	561	432	126						1,586
	F				29	76	141	313	390	215						1,165
Respiratory and intrathoracic organs (160-165)	M				61	371	983	2,058	1,459	306						5,239
	F				52	203	398	698	613	179						2,144
Melanoma of skin (172)	M			4	70	81	94	145	146	46						586
	F			3	44	51	40	63	75	49						326
Breast (174, 175)	M				1	2	3	5	5	3						19
	F				269	428	508	597	542	279						2,623
Other bone, skin and connective tissue (170, 171, 173)	M		7	18	19	18	49	99	140	53						403
	F		3	11	21	15	28	45	73	58						254
Genitourinary organs (179-189)	M		3	3	34	93	311	1,070	1,471	724						3,710
	F		3	5	125	178	296	562	618	260						2,047
Other and unspecified sites (190-199)	M	2	31	16	129	176	322	551	484	163						1,874
	F	1	25	9	86	122	230	396	454	291						1,614
Lymphatic and haematopoietic tissue (200-208)	M	1	36	33	122	154	270	543	532	164						1,855
	F	3	22	12	79	107	199	395	489	221						1,527
Benign and unspecified neoplasms (210-239)	M	1	6	3	12	11	24	60	105	81						303
	F	2	3	2	11	13	12	41	96	98						278

TABLE 2. CAUSES OF DEATH: AUSTRALIA, 1996 - continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total (a)
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)  Diabetes mellitus (250)	M	10	6	15	60	132	253	576	628	290	1,970
	F	11	14	49	77	150	412	454	686	534	1,948
	M		4	30	78	194	454	561	232	1,521	
	F		2	1	23	51	119	312	401	1,470	
Class IV Diseases of blood and blood-forming organs (280-289)	M	3	1	10	5	20	48	70	36	196	
	F		1	8	15	13	28	61	80	209	
	M		2	287	59	60	139	436	421	1,495	
	F		23	68	23	25	96	581	1,249	2,065	
Class V Mental disorders (290-319)	M	21	59	112	73	115	303	511	285	1,530	
	F	12	23	64	53	86	229	504	561	1,559	
	M	9	16	541	1,249	2,629	6,753	9,769	5,541	26,550	
	F	3	17	212	370	997	3,661	9,851	12,308	27,439	
Class VII Diseases of the circulatory system (390-459)  All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	8	13	441	1,052	2,166	5,125	6,924	3,752	19,513	
	F	3	11	146	234	712	2,538	6,456	7,875	17,990	
	M		1	7	8	19	32	40	15	125	
	F		1	6	11	25	66	71	41	221	
Rheumatic fever and rheumatic heart disease (390-398)	M			10	15	37	120	158	100	440	
	F			2	6	35	92	215	310	660	
	M		3	157	517	1,097	2,734	3,548	1,605	9,662	
	F		1	43	107	349	1,359	3,199	3,044	8,103	
Hypertensive disease (401-405)	M		3	164	341	744	1,737	2,190	1,247	6,430	
	F		2	29	54	204	700	1,885	2,567	5,442	
	M	8	13	105	173	284	564	1,067	835	3,067	
	F	3	8	67	59	114	364	1,182	2,022	3,831	
Acute myocardial infarction (410)	M	1	2	82	157	322	1,112	2,141	1,380	5,205	
	F		3	56	119	215	862	2,747	3,594	7,601	
	M		3	16	38	126	454	625	359	1,621	
	F		2	9	14	55	218	552	730	1,581	
Other ischaemic heart disease (411-414)	M	21	13	68	120	434	1,602	2,192	1,265	5,733	
	F	13	15	55	113	319	985	1,496	1,546	4,560	
	M	12	2	33	31	52	172	197	287	700	
	F	8	3	23	21	37	114	222	609	1,046	
Diseases of pulmonary circulation and other forms of heart disease (415-429)	M	2	9	26	73	330	1,260	1,666	768	4,147	
	F		5	27	81	254	786	1,024	623	2,813	
	M		1	1	1	1	1	1	1	1	
	F		1	1	1	1	1	1	1	1	
Cerebrovascular disease (430-438)	M		3	5	56	119	862	2,747	3,594	7,601	
	F		3	5	56	119	862	2,747	3,594	7,601	
	M		3	16	16	38	126	454	625	1,621	
	F		2	9	14	55	218	552	730	1,581	
Other diseases of circulatory system (440-459)	M		13	18	105	173	284	564	1,067	3,067	
	F		12	8	67	59	114	364	1,182	3,831	
	M		2	8	82	157	322	1,112	2,141	5,205	
	F		3	5	56	119	215	862	2,747	7,601	
Diseases of the respiratory system (460-519)	M		3	3	16	38	126	454	625	1,621	
	F		1	2	9	14	55	218	552	730	
	M	21	13	68	120	434	1,602	2,192	1,265	5,733	
	F	13	15	55	113	319	985	1,496	1,546	4,560	
Pneumonia and influenza (480-487)	M	12	4	2	31	52	172	197	287	700	
	F	8	9	3	23	37	114	222	609	1,046	
	M	2	9	26	73	330	1,260	1,666	768	4,147	
	F		5	27	81	254	786	1,024	623	2,813	
Chronic obstructive pulmonary disease and allied conditions (490-496)	M		9	15	26	73	330	1,260	1,666	4,147	
	F		5	11	27	81	254	786	1,024	2,813	
	M		9	15	26	73	330	1,260	1,666	4,147	
	F		5	11	27	81	254	786	1,024	2,813	

TABLE 2. CAUSES OF DEATH: AUSTRALIA, 1996—continued

Cause of death and ICD code	Sex	Age group (years)										Total (a)
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over		
Class IX Diseases of the digestive system (520-579) Ulcer of stomach and duodenum (531-533) Chronic liver disease and cirrhosis (571)	M	3	9	4	130	229	332	481	486	346	2,022	
	F	..	3	4	60	76	149	281	614	684	1,871	
	M	..	..	..	2	8	30	55	70	66	231	
	F	..	..	..	6	13	13	38	112	110	279	
	M	..	1	2	99	177	221	193	62	12	768	
	F	..	..	..	39	46	76	74	58	12	305	
Class X Diseases of the genitourinary system (580-629)	M	1	..	1	16	16	58	141	436	332	1,001	
	F	1	1	..	9	16	59	178	458	521	1,243	
Class XI Nephritis, nephrotic syndrome and nephrosis (580-589)	M	1	1	1	13	12	41	90	367	264	789	
	F	1	1	..	7	11	43	116	368	420	966	
Class XII Complications of pregnancy, childbirth and the puerperium (630-676)	M	..	..	1	11	..	..	..	..	..	12	
	F	..	..	..	..	..	..	..	..	..	..	
Class XIII Diseases of the skin and subcutaneous tissue (680-709)	M	..	..	1	1	2	2	10	20	23	58	
	F	..	..	1	1	1	5	7	44	59	117	
Class XIV Diseases of the musculoskeletal system and connective tissue (710-739)	M	..	3	2	5	7	33	71	58	61	235	
	F	..	..	..	16	11	40	99	193	195	559	
Class XV Congenital anomalies (740-759)	M	211	41	19	29	13	14	11	9	3	350	
	F	161	36	14	32	19	16	14	8	1	301	
Class XVI Certain conditions originating in the perinatal period (760-779)	M	391	..	..	..	..	..	..	..	..	391	
	F	302	5	..	1	1	..	..	..	..	309	
Class XVII Symptoms, signs and ill-defined conditions (780-799)	M	125	2	11	47	12	19	14	24	25	285	
	F	88	11	9	12	7	4	8	29	93	262	
Class XVIII Accidents, poisonings and violence (external causes) (E800-E999)	M	31	221	1,062	2,049	605	436	415	390	222	5,431	
	F	12	123	229	503	214	137	213	325	367	2,123	
Class XIX Motor vehicle traffic accidents (E810-E819)	M	3	88	435	1,480	115	86	82	78	31	1,398	
	F	1	48	111	144	47	54	54	63	22	544	
	M	1	6	15	56	38	39	76	147	145	523	
	F	..	1	2	5	10	12	52	186	311	579	
Class XX Accidental drowning and submersion (E910)	M	4	42	32	53	21	16	11	7	2	188	
	F	3	26	5	8	4	1	9	1	2	59	
	M	..	7	351	878	266	181	136	94	18	1,931	
Class XXI Suicide (E950-E959)	M	..	7	56	206	88	40	38	22	5	462	
	F	..	..	..	..	..	..	..	..	..	..	
Class XXII Other external causes (Remainder of E800-E999)	M	23	78	229	582	165	114	110	64	26	1,391	
	F	8	41	55	140	65	30	60	53	27	479	

(a) Including age not stated.

TABLE 3. AGE-SPECIFIC DEATH RATES(a), AUSTRALIA, 1996

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
<b>All causes</b>	M	6.5	25	102	154	343	993	2,828	7,377	18,063	749
	F	5.0	18	31	68	214	570	1,517	4,601	14,639	659
	P	5.8	22	67	111	279	783	2,138	5,721	15,668	704
<b>Class I</b>	M	0.1	1	1	13	11	11	22	70	157	12
Infectious and parasitic diseases (001-139)	F	0.1	(b)	1	1	2	4	13	44	133	6
<b>Class II</b>	M	(b)	5	6	21	118	412	1,083	2,061	3,283	218
Neoplasms (140-239)	F	0.1	3	3	28	125	303	591	1,051	1,592	167
<b>Malignant neoplasms (140-208)</b>	M	(b)	4	6	21	117	409	1,073	2,025	3,149	215
Lip, oral cavity and pharynx (140-149)	F	(b)	3	3	28	124	302	585	1,028	1,523	164
	M	—	—	—	1	5	21	30	24	38	6
Stomach (151)	F	—	(b)	(b)	1	2	4	8	15	20	2
	M	—	(b)	(b)	1	6	14	40	82	107	8
Colon (153)	F	—	(b)	(b)	1	3	8	19	34	70	5
	M	—	—	—	1	12	47	110	171	268	20
Liver and intrahepatic bile ducts (155)	F	—	—	2	11	33	66	121	121	211	18
	M	—	—	1	2	10	27	31	38	4	4
Pancreas (157)	F	(b)	—	(b)	1	1	3	10	12	16	2
	M	—	—	1	5	17	45	87	79	9	9
Other digestive organs and peritoneum (150, 152, 154, 156, 158, 159)	F	—	(b)	(b)	(b)	3	11	32	78	106	9
<b>Respiratory and intrathoracic organs (160-165)</b>	M	—	(b)	(b)	1	11	39	92	151	208	17
	F	—	(b)	(b)	1	7	19	46	92	153	13
<b>Melanoma of skin (172)</b>	M	—	(b)	(b)	2	32	127	336	509	506	58
	F	—	(b)	(b)	2	18	52	103	145	127	23
<b>Breast (174, 175)</b>	M	—	(b)	(b)	2	7	12	24	51	76	6
	F	—	(b)	(b)	2	4	5	9	18	35	4
Other bone, skin and connective tissue (170, 171, 173)	M	—	(b)	(b)	(b)	(b)	(b)	1	2	5	(b)
	F	—	(b)	(b)	10	37	67	88	128	198	29
<b>Genitourinary organs (179-189)</b>	M	—	(b)	(b)	1	2	6	16	49	88	4
	F	—	(b)	(b)	1	1	4	7	17	41	3
<b>Other and unspecified sites (190-199)</b>	M	—	(b)	(b)	1	8	40	175	513	1,196	41
	F	—	(b)	(b)	4	16	39	83	146	185	22
Lymphatic and haematopoietic tissue (200-208)	M	(b)	1	5	15	42	169	269	469	269	21
	F	(b)	1	3	11	30	58	107	107	207	18
<b>Benign and unspecified neoplasms (210-239)</b>	M	(b)	2	4	13	35	89	186	186	271	20
	F	(b)	1	3	9	26	58	115	115	157	17
	M	(b)	(b)	(b)	1	3	10	37	37	134	3
	F	(b)	(b)	(b)	(b)	2	6	23	23	70	3

TABLE 3. AGE-SPECIFIC DEATH RATES(a), AUSTRALIA, 1986 continued

Cause of death and ICD code	Sex	Under 1 year	Age group (years)							85 and over	Total
			1-14	15-24	25-44	45-54	55-64	65-74	75-84		
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	0.1	(b)	1	2	11	33	94	219	479	22
	F	0.1	1	2	7	20	61	162	379	21	
Diabetes mellitus (250)	M	---	(b)	(b)	1	7	25	74	185	383	17
	F	---	(b)	(b)	1	4	16	46	132	285	16
Class IV Diseases of blood and blood-forming organs (280-289)	M	(b)	(b)	(b)	(b)	(b)	3	8	24	59	2
	F	(b)	(b)	(b)	1	2	4	14	57	2	
Class V Mental disorders (290-319)	M	---	(b)	7	10	5	8	23	152	696	16
	F	---	2	2	2	3	14	137	886	22	
Class VI Diseases of the nervous system and sense organs (320-389)	M	0.2	3	4	4	6	15	49	178	471	17
	F	0.1	2	2	2	5	11	34	119	398	17
Class VII Diseases of the circulatory system (390-459)	M	0.1	3	3	19	106	340	1,101	3,409	9,155	292
	F	(b)	1	7	7	32	131	538	2,325	8,734	299
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	0.1	1	2	16	89	280	836	2,416	6,199	214
	F	(b)	1	5	5	21	94	373	1,524	5,589	196
Rheumatic fever and rheumatic heart disease (390-398)	M	---	(b)	(b)	(b)	1	2	5	14	25	1
	F	(b)	---	---	(b)	1	3	10	17	29	2
Hypertensive disease (401-405)	M	---	---	---	(b)	1	5	20	55	165	5
	F	---	---	(b)	(b)	1	5	14	51	220	7
Acute myocardial infarction (410)	M	---	(b)	(b)	6	44	142	446	1,238	2,652	106
	F	---	(b)	(b)	2	9	46	200	755	2,160	88
Other ischaemic heart disease (411-414)	M	---	(b)	(b)	6	29	96	283	764	2,060	71
	F	---	(b)	(b)	1	5	27	103	445	1,822	59
Diseases of pulmonary circulation and other forms of heart disease (415-429)	M	0.1	1	1	4	15	37	92	372	1,380	34
	F	(b)	1	2	2	5	15	53	279	1,435	42
Cerebrovascular disease (430-438)	M	(b)	(b)	3	13	42	181	747	2,280	5,757	57
	F	(b)	(b)	2	10	28	127	648	2,550	83	
Other diseases of circulatory system (440-459)	M	---	(b)	1	1	3	16	74	218	593	18
	F	---	(b)	(b)	(b)	1	7	32	130	518	17
Class VIII Diseases of the respiratory system (460-519)	M	0.2	1	1	2	10	56	261	765	2,090	63
	F	0.1	1	1	2	10	42	145	353	1,097	50
Pneumonia and influenza (480-487)	M	0.1	(b)	(b)	1	3	7	28	69	474	9
	F	0.1	1	(b)	1	2	5	17	52	432	11
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	(b)	(b)	1	1	6	43	206	581	1,269	46
	F	(b)	(b)	1	1	7	33	115	242	442	31

TABLE 3. AGE-SPECIFIC DEATH RATES(a), AUSTRALIA, 1996—continued

Cause of death and ICD code	Sex	Age group (years)								Total	
		Under 1 year	1-14	15-24	25-44	45-54	55-64	65-74	75-84		85 and over
Class IX Diseases of the digestive system (520-579)	M	(b)	(b)	(b)	5	19	43	78	170	572	22
	F	—	(b)	(b)	2	7	20	41	145	485	20
	M	—	—	—	(b)	1	4	9	24	109	3
Ulcer of stomach and duodenum (531-533)	F	—	—	—	(b)	2	2	6	26	78	3
	M	—	(b)	(b)	4	15	29	31	22	20	8
	F	—	(b)	—	1	4	10	11	14	9	3
Chronic liver disease and cirrhosis (571)	M	—	—	—	1	1	7	23	152	549	11
	F	(b)	(b)	(b)	(b)	1	8	26	108	370	14
	M	(b)	(b)	(b)	(b)	1	5	15	128	436	9
Class X Diseases of the genitourinary system (580-629)	F	—	(b)	—	(b)	1	6	17	87	298	11
	M	(b)	—	(b)	(b)	1	1	—	—	—	(b)
	F	(b)	(b)	(b)	(b)	1	1	—	—	—	(b)
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	7	38	1
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	10	42	1
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	1
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	3
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	4
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	4
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XIV Congenital anomalies (740-759)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	4
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XV Certain conditions originating in the perinatal period (760-779)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	4
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	(b)	(b)	(b)	(b)	(b)	(b)	2	2	1	4
	F	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
	M	(b)	(b)	(b)	(b)	(b)	(b)	1	1	1	3
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	0.2	12	77	73	51	56	68	136	367	60
	F	0.1	7	17	18	19	18	31	77	260	23
	M	(b)	5	32	17	10	11	13	27	51	15
Motor vehicle traffic accidents (E810-E819)	F	(b)	3	8	5	4	7	8	15	16	6
	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	F	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Accidental falls (E880-E888)	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	F	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Accidental drowning and submersion (E910)	M	(b)	2	2	2	2	2	2	2	3	2
	F	(b)	1	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Suicide (E950-E959)	M	23	(b)	25	31	23	23	22	33	30	21
	F	(b)	(b)	4	7	8	5	6	5	4	5
	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Other external causes (Remainder of E800-E999)	M	0.2	4	17	21	14	15	18	22	43	15
	F	0.1	2	4	5	6	4	9	13	19	5
	M	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)

(a) Deaths per 100,000 of the estimated mid-year population for each age group other than age under 1 year; deaths per 1,000 live births for age under 1 year. See Appendix - Definitions. (b) Less than 0.5 or less than 0.05 for age under 1 year.



TABLE 4. CAUSES OF DEATH, AUSTRALIA, 1987 TO 1996

Cause of death and ICD code	Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>All causes</b>	M	63,611	65,082	66,926	64,660	64,067	66,115	65,085	67,459	66,246	68,201
	F	53,710	54,784	57,306	55,402	55,079	57,545	56,509	59,224	58,878	60,510
	P	117,321	119,866	124,232	120,062	119,146	123,660	121,594	126,683	125,124	128,711
<b>Class I</b>	M	342	410	402	429	456	492	502	565	577	1,067
Infectious and parasitic diseases (001-139)	F	302	323	359	374	374	402	431	477	492	571
<b>Class II</b>	M	16,225	16,977	17,350	17,444	17,737	18,451	18,727	19,551	19,425	19,887
Neoplasms (140-239)	F	12,332	12,910	13,074	13,300	13,872	13,954	14,449	14,652	14,942	15,362
Malignant neoplasms (140-208)	M	16,110	16,828	17,201	17,311	17,576	18,289	18,479	19,285	19,144	19,584
	F	12,188	12,734	12,943	13,153	13,709	13,744	14,212	14,373	14,661	15,084
Lip, oral cavity and pharynx (140-149)	M	433	450	462	473	496	481	466	471	457	518
	F	195	168	168	174	208	165	203	184	181	210
Stomach (151)	M	830	879	790	796	782	761	791	820	827	749
	F	496	525	510	483	496	473	447	474	456	478
Colon (153)	M	1,536	1,536	1,565	1,567	1,583	1,617	1,706	1,817	1,733	1,862
	F	1,577	1,546	1,535	1,544	1,519	1,546	1,602	1,719	1,629	1,679
Liver and intrahepatic bile ducts (155)	M	243	244	264	284	297	342	348	353	387	407
	F	124	124	125	116	130	138	142	198	193	183
Pancreas (157)	M	670	668	719	717	716	721	771	768	791	776
	F	649	580	677	667	656	730	705	701	749	834
Other digestive organs and peritoneum (150, 152, 154, 156, 158, 159)	M	1,344	1,407	1,430	1,447	1,493	1,526	1,445	1,549	1,603	1,586
	F	1,049	1,063	1,035	1,013	1,139	1,103	1,083	1,112	1,096	1,165
Respiratory and intrathoracic organs (160-165)	M	4,802	4,979	5,034	4,901	4,949	5,112	4,993	5,233	5,125	5,239
	F	1,362	1,612	1,630	1,664	1,820	1,811	1,905	1,975	2,068	2,144
Melanoma of skin (172)	M	505	490	487	516	513	527	575	608	604	586
	F	287	294	281	310	302	344	279	285	327	326
Breast (174, 175)	M	21	23	17	16	15	19	16	17	26	19
	F	2,258	2,348	2,431	2,449	2,513	2,438	2,641	2,655	2,629	2,623
Other bone, skin and connective tissue (170, 171, 173)	M	277	301	371	376	357	458	422	410	408	403
	F	174	174	162	175	193	208	257	211	234	254
Genitourinary organs (179-189)	M	2,647	2,821	2,933	3,033	3,058	3,344	3,511	3,596	3,664	3,710
	F	1,703	1,779	1,835	1,880	1,957	1,824	1,938	1,922	2,003	2,047
Other and unspecified sites (190-199)	M	1,440	1,521	1,508	1,610	1,697	1,717	1,682	1,776	1,756	1,874
	F	1,192	1,287	1,338	1,431	1,431	1,536	1,542	1,456	1,586	1,614
Lymphatic and haematopoietic tissue (200-208)	M	1,362	1,509	1,621	1,575	1,620	1,664	1,753	1,867	1,763	1,855
	F	1,122	1,231	1,216	1,247	1,345	1,428	1,468	1,481	1,510	1,527
Benign and unspecified neoplasms (210-239)	M	115	149	149	133	161	162	248	266	281	303
	F	144	176	131	147	163	210	237	279	281	278

TABLE 4. CAUSES OF DEATH, AUSTRALIA, 1987 TO 1996 -- continued

Cause of death and ICD code	Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Class III Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)	M	1,407	1,361	1,559	1,753	1,823	1,938	2,197	2,257	2,257	1,970
	F	1,387	1,403	1,430	1,414	1,535	1,640	1,695	1,854	1,843	1,948
Diabetes mellitus (250)	M	999	922	1,004	1,077	1,113	1,136	1,278	1,377	1,336	1,521
	F	1,068	1,081	1,111	1,107	1,175	1,269	1,290	1,365	1,372	1,470
Class IV Diseases of blood and blood-forming organs (280-289)	M	226	197	109	236	226	222	168	176	153	196
	F	242	227	239	237	217	223	226	225	195	209
Class V Mental disorders (290-319)	M	814	950	1,000	959	869	957	1,001	1,262	1,414	1,495
	F	940	1,020	1,157	1,080	1,016	1,187	1,343	1,723	1,764	2,065
Class VI Diseases of the nervous system and sense organs (320-389)	M	1,008	1,113	1,205	1,099	1,137	1,283	1,396	1,394	1,398	1,530
	F	970	1,044	1,185	1,169	1,211	1,376	1,398	1,550	1,580	1,559
Class VII Diseases of the circulatory system (390-459)	M	28,081	27,779	28,376	27,033	26,571	27,079	26,369	27,031	26,258	26,550
	F	27,597	27,301	28,453	27,252	26,439	27,833	26,867	27,855	27,144	27,439
All heart disease (393-398, 402, 404, 410-414, 415, 416, 420-429)	M	21,137	20,833	21,349	20,229	19,799	20,211	19,589	19,842	19,258	19,513
	F	18,169	17,921	18,912	17,967	17,609	18,666	17,663	18,411	17,748	17,990
Rheumatic fever and rheumatic heart disease (390-398)	M	140	149	146	133	133	118	116	111	125	125
	F	255	259	281	231	259	243	249	229	256	221
Hypertensive disease (401-405)	M	413	451	452	405	408	390	427	427	420	440
	F	645	672	698	644	621	684	710	691	681	660
Acute myocardial infarction (410)	M	12,570	12,245	12,299	11,556	11,109	11,085	10,297	10,240	9,905	9,662
	F	9,486	9,323	9,594	9,367	8,915	9,200	8,371	8,757	8,302	8,103
Other ischaemic heart disease (411-414)	M	5,418	5,492	5,833	5,630	5,644	5,978	6,038	6,275	6,226	6,430
	F	4,619	4,524	4,913	4,621	4,655	5,219	5,053	5,301	5,176	5,442
Diseases of pulmonary circulation and other forms of heart disease (415-429)	M	2,763	2,717	2,849	2,712	2,716	2,815	2,912	2,995	2,778	3,067
	F	3,441	3,421	3,710	3,399	3,436	3,643	3,581	3,696	3,600	3,831
Cerebrovascular disease (430-438)	M	5,075	5,034	5,057	4,792	4,829	4,860	4,818	5,260	5,108	5,205
	F	7,493	7,407	7,522	7,293	7,054	7,126	7,319	7,578	7,572	7,601
Other diseases of circulatory system (440-459)	M	1,702	1,691	1,740	1,805	1,732	1,833	1,761	1,723	1,696	1,621
	F	1,658	1,695	1,735	1,697	1,499	1,718	1,584	1,603	1,557	1,581
Class VIII Diseases of the respiratory system (460-519)	M	5,316	5,614	6,366	5,466	5,372	5,972	5,468	5,791	5,407	5,733
	F	3,175	3,422	4,245	3,535	3,534	4,096	3,777	4,167	4,024	4,560
Pneumonia and influenza (480-487)	M	760	787	1,062	835	814	985	808	894	814	790
	F	895	920	1,242	962	993	1,023	855	994	892	1,046
Chronic obstructive pulmonary disease and allied conditions (490-496)	M	4,075	4,258	4,711	4,018	3,931	4,301	3,974	4,132	3,884	4,147
	F	1,935	2,090	2,469	2,103	2,081	2,481	2,364	2,581	2,504	2,813

TABLE 4. CAUSES OF DEATH, AUSTRALIA, 1987 TO 1996 *continued*

<i>Cause of death and ICD code</i>	Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Class IX Diseases of the digestive system (520-579)	M	2,081	2,172	2,299	2,107	2,092	2,058	1,938	1,961	1,961	2,022
	F	1,932	1,982	1,945	1,987	1,971	1,904	1,821	1,897	1,910	1,871
Ulcer of stomach and duodenum (531-533)	M	369	410	460	390	342	350	300	287	280	231
	F	472	412	412	444	411	371	334	321	301	279
Chronic liver disease and cirrhosis (571)	M	863	851	825	796	798	807	723	728	731	768
	F	319	309	284	319	296	295	266	319	286	305
Class X Diseases of the genitourinary system (580-629)	M	745	821	842	845	895	845	855	977	947	1,001
	F	979	1,029	1,087	1,043	1,074	1,016	1,069	1,133	1,126	1,243
Nephritis, nephrotic syndrome and nephrosis (580-589)	M	467	556	571	588	588	588	657	717	700	789
	F	662	708	781	715	769	722	795	817	837	966
Class XI Complications of pregnancy, childbirth and the puerperium (630-676)	F	13	12	13	16	13	9	15	16	24	12
Class XII Diseases of the skin and subcutaneous tissue (680-709)	M	32	47	55	51	38	56	68	85	90	58
	F	63	80	89	86	75	93	107	126	160	117
Class XIII Diseases of the musculoskeletal system and connective tissue (710-739)	M	192	235	216	225	197	223	223	229	201	235
	F	411	420	476	433	463	499	458	546	533	559
Class XIV Congenital anomalies (740-759)	M	453	458	400	442	420	453	397	413	343	350
	F	364	406	373	398	358	352	342	341	335	301
Class XV Certain conditions originating in the perinatal period (760-779)	M	474	511	481	532	446	478	412	402	384	391
	F	342	383	372	369	352	368	284	293	291	309
Class XVI Symptoms, signs and ill-defined conditions (780-799)	M	485	457	473	451	388	378	315	278	278	285
	F	321	326	341	362	272	334	256	269	255	262
Class XVII Accidents, poisonings and violence (external causes) (E800-E999)	M	5,730	5,980	5,703	5,588	5,400	5,230	5,049	5,087	5,153	5,431
	F	2,340	2,496	2,468	2,347	2,303	2,259	1,971	2,100	2,260	2,123
Motor vehicle traffic accidents (E810-E819)	M	1,995	2,176	2,000	1,751	1,570	1,408	1,384	1,369	1,398	1,398
	F	788	902	828	738	651	658	572	590	631	544
Accidental falls (E880-E888)	M	426	436	505	472	435	455	418	458	457	523
	F	560	522	609	558	495	511	438	545	538	579
Accidental drowning and submersion (E910)	M	238	232	244	227	209	216	226	208	190	188
	F	55	70	70	73	60	75	62	41	69	59
Suicide (E950-E959)	M	1,773	1,730	1,658	1,735	1,847	1,820	1,687	1,830	1,872	1,931
	F	467	467	438	426	513	474	394	428	495	462
Other external causes (Remainder of E800-E999)	M	1,298	1,406	1,296	1,403	1,339	1,331	1,334	1,222	1,236	1,391
	F	470	535	523	552	584	541	505	496	527	479

TABLE 5. MAIN CAUSES OF DEATH AT AGES UNDER 1 YEAR, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>866</b>	<b>807</b>	<b>843</b>	<b>646</b>	<b>642</b>	<b>617</b>	<b>1,512</b>	<b>1,449</b>	<b>1,460</b>
<i>Congenital anomalies (740-759)</i>	262	208	211	192	186	161	454	394	372
Congenital anomalies of nervous system (740-742)	32	32	27	26	34	28	58	66	55
Congenital anomalies of circulatory system (745-747)	98	74	72	61	49	55	159	123	127
<i>Certain conditions originating in the perinatal period (760-779)</i>	396	377	391	288	285	302	684	662	693
Disorders relating to short gestation and unspecified low birthweight (765)	105	132	134	83	95	103	188	227	237
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	165	114	117	101	81	80	266	195	197
<i>Symptoms, signs and ill-defined conditions (780-799)</i>	123	120	125	90	85	88	213	205	213
Sudden death, cause unknown (798)	120	118	122	89	83	88	209	201	210

TABLE 6. MAIN CAUSES OF DEATH AT AGES 1-14 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>457</b>	<b>447</b>	<b>467</b>	<b>348</b>	<b>357</b>	<b>325</b>	<b>805</b>	<b>804</b>	<b>792</b>
<i>Malignant neoplasms (140-208)</i>	98	86	79	58	53	55	156	139	154
Malignant neoplasms of lymphatic and haematopoietic tissue (200-208)	49	41	36	16	21	22	65	62	58
<i>Diseases of the nervous system and sense organs (320-389)</i>	50	35	59	37	41	27	87	76	86
<i>Congenital anomalies (740-759)</i>	43	37	41	39	43	36	82	80	77
<i>Accidents, poisonings and violence (E800-E999)</i>	183	209	221	122	133	123	305	342	344
Motor vehicle traffic accidents (E810-E819)	65	72	88	55	50	48	120	122	136
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	55	55	54	20	33	32	75	88	86

TABLE 7. MAIN CAUSE OF DEATH AT AGES 15-24 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>1,374</b>	<b>1,408</b>	<b>1,405</b>	<b>442</b>	<b>507</b>	<b>412</b>	<b>1,816</b>	<b>1,915</b>	<b>1,817</b>
<i>Malignant neoplasms (140-208)</i>	74	86	77	55	50	43	129	136	120
<i>Accidents, poisonings and violence (E800-E999)</i>	1,054	1,055	1,062	258	304	229	1,312	1,359	1,291
Motor vehicle traffic accidents (E810-E819)	424	448	435	134	146	111	558	594	546
Suicide (F950-F959)	374	350	351	57	84	56	431	434	407

TABLE 8. MAIN CAUSES OF DEATH AT AGES 25-44 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>4,187</b>	<b>4,313</b>	<b>4,342</b>	<b>1,902</b>	<b>1,925</b>	<b>1,929</b>	<b>6,089</b>	<b>6,238</b>	<b>6,271</b>
<i>Malignant neoplasms (140-208)</i>	712	633	595	737	701	788	1,449	1,334	1,383
<i>Diseases of the circulatory system (390-459)</i>	518	569	541	222	227	212	740	796	753
Acute myocardial infarction (410)	157	177	157	42	39	43	199	216	200
<i>Accidents, poisonings and violence (E800-E999)</i>	1,829	1,938	2,049	492	543	503	2,321	2,481	2,552
Motor vehicle traffic accidents (E810-E819)	460	462	480	140	166	144	600	628	624
Suicide (E950-E959)	768	856	878	184	203	206	952	1,059	1,084

TABLE 9. MAIN CAUSES OF DEATH AT AGES 45-54 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>3,958</b>	<b>3,950</b>	<b>4,037</b>	<b>2,328</b>	<b>2,363</b>	<b>2,439</b>	<b>6,286</b>	<b>6,313</b>	<b>6,476</b>
<i>Malignant neoplasms (140-208)</i>	1,363	1,365	1,373	1,350	1,365	1,410	2,713	2,730	2,783
Lip, oral cavity and pharynx (140-149)	70	68	57	17	18	21	87	86	78
Stomach (151)	70	52	65	27	26	34	97	78	99
Colon (153)	145	136	138	106	105	126	251	241	264
Pancreas (157)	52	71	58	27	43	37	79	114	95
Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	171	172	160	61	70	88	232	242	248
Respiratory and intrathoracic organs (160-165)	337	345	371	181	192	203	518	537	574
Melanoma of skin (172)	83	73	81	41	54	51	124	127	132
Breast (174, 175)	1	1	2	459	437	428	460	438	430
Genitourinary organs (179-189)	82	82	93	220	191	178	302	273	271
Other and unspecified sites (190-199)	166	169	176	113	120	122	279	289	298
Lymphatic and haematopoietic tissue (200-208)	157	161	154	87	92	107	244	253	261
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	227	216	132	66	55	77	293	271	209
Diabetes mellitus (250)	66	68	78	43	35	51	109	103	129
<i>Diseases of the nervous system and sense organs (320-389)</i>	70	63	73	48	55	53	118	118	126
<i>Diseases of the circulatory system (390-459)</i>	1,199	1,215	1,249	368	371	370	1,567	1,586	1,619
Acute myocardial infarction (410)	542	488	517	97	105	107	639	593	624
Other ischaemic heart disease (411-414)	329	376	341	77	77	54	406	453	395
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	154	169	194	68	61	73	222	230	267
Cerebrovascular disease (430-438)	128	146	157	104	103	119	232	249	276
<i>Diseases of the respiratory system (460-519)</i>	120	125	120	103	96	113	223	221	233
Chronic obstructive pulmonary disease and allied conditions (490-496)	71	67	73	71	60	81	142	127	154
<i>Diseases of the digestive system (520-579)</i>	212	192	229	89	77	76	301	269	305
Chronic liver disease and cirrhosis (571)	148	149	177	60	50	46	208	199	223
<i>Accidents, poisonings and violence (E800-E999)</i>	619	586	605	197	240	214	816	826	819
Motor vehicle traffic accidents (E810-E819)	118	118	115	56	70	47	174	188	162
Suicide (E950-E959)	270	270	266	68	89	88	338	359	354

TABLE 10. MAIN CAUSES OF DEATH AT AGES 55-64 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>8,108</b>	<b>7,795</b>	<b>7,687</b>	<b>4,391</b>	<b>4,268</b>	<b>4,340</b>	<b>12,499</b>	<b>12,063</b>	<b>12,027</b>
<i>Malignant neoplasms (140-208)</i>	3,416	3,203	3,170	2,279	2,242	2,296	5,695	5,445	5,466
Colon (153)	387	338	361	283	235	252	670	573	613
Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	394	407	375	194	180	166	588	587	541
Respiratory and intrathoracic organs (160-165)	1,065	1,000	983	352	353	398	1,417	1,353	1,381
Breast (174, 175)	1	6	3	521	526	508	522	532	511
Bone, skin and connective tissue (170-173)	161	150	143	66	66	68	227	216	211
Genitourinary organs (179-189)	365	338	311	319	310	296	684	648	607
Lymphatic and haematopoietic tissue (200-208)	297	253	270	190	170	199	487	423	469
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	294	294	253	142	159	150	436	453	403
Diabetes mellitus (250)	181	190	194	106	116	119	287	306	313
<i>Diseases of the nervous system and sense organs (320-389)</i>	91	100	115	85	91	86	176	191	201
<i>Diseases of the circulatory system (390-459)</i>	2,810	2,735	2,629	1,063	992	997	3,873	3,727	3,626
Acute myocardial infarction (410)	1,187	1,168	1,097	423	378	349	1,610	1,546	1,446
Other ischaemic heart disease (411-414)	768	766	744	193	185	204	961	951	948
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	306	305	325	165	154	159	471	459	484
Cerebrovascular disease (430-438)	384	342	322	213	201	215	597	543	537
<i>Diseases of the respiratory system (460-519)</i>	518	438	434	314	311	319	832	749	753
<i>Diseases of the digestive system (520-579)</i>	324	340	332	163	138	149	487	478	481
<i>Diseases of the genitourinary system (580-629)</i>	42	45	58	54	55	59	96	100	117
<i>Accidents, poisonings and violence (E800-E999)</i>	401	416	436	149	141	137	550	557	573

TABLE 11. MAIN CAUSES OF DEATH AT AGES 65-74 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>18,002</b>	<b>17,483</b>	<b>17,336</b>	<b>10,866</b>	<b>10,584</b>	<b>10,325</b>	<b>28,868</b>	<b>28,067</b>	<b>27,661</b>
<i>Malignant neoplasms (140-208)</i>	6,607	6,564	6,578	4,038	4,092	3,984	10,645	10,656	10,562
Colon (153)	630	600	675	480	426	447	1,110	1,026	1,122
Other digestive organs and peritoneum (150, 152, 154-156, 158, 159)	667	695	729	368	379	378	1,035	1,074	1,107
Respiratory and intrathoracic organs (160-165)	2,147	2,090	2,058	721	734	698	2,868	2,824	2,756
Breast (174, 175)	10	8	5	610	617	597	620	625	602
Genitourinary organs (179-189)	1,074	1,092	1,070	530	605	562	1,604	1,697	1,632
Lymphatic and haematopoietic tissue (200-208)	532	515	543	404	401	395	936	916	938
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	501	557	576	441	398	412	942	955	988
Diabetes mellitus (250)	404	422	454	338	316	312	742	738	766
<i>Diseases of the nervous system and sense organs (320-389)</i>	264	286	303	251	216	229	515	502	532
<i>Diseases of the circulatory system (390-459)</i>	7,389	7,052	6,753	4,023	3,858	3,661	11,412	10,910	10,414
Acute myocardial infarction (410)	3,143	2,973	2,734	1,559	1,476	1,359	4,702	4,449	4,093
Other ischaemic heart disease (411-414)	1,756	1,690	1,737	784	746	700	2,540	2,436	2,437
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	732	669	654	487	452	479	1,219	1,121	1,133
Cerebrovascular disease (430-438)	1,143	1,150	1,112	891	930	862	2,034	2,080	1,974
<i>Diseases of the respiratory system (460-519)</i>	1,694	1,562	1,602	983	932	985	2,677	2,494	2,587
<i>Diseases of the digestive system (520-579)</i>	482	473	481	318	318	281	800	791	762
<i>Diseases of the genitourinary system (580-629)</i>	154	163	141	187	158	178	341	321	319
<i>Accidents, poisonings and violence (E800-E999)</i>	420	372	415	194	210	213	614	582	628

TABLE 12. MAIN CAUSES OF DEATH AT AGES 75-84 YEARS, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>20,545</b>	<b>20,014</b>	<b>21,138</b>	<b>19,280</b>	<b>19,077</b>	<b>19,491</b>	<b>39,825</b>	<b>39,091</b>	<b>40,629</b>
<i>Malignant neoplasms (140-208)</i>	5,299	5,400	5,802	3,927	4,159	4,357	9,226	9,559	10,159
Colon (153)	456	459	489	490	520	514	946	979	1,003
Other digestive organs and peritoneum (150, 152, 154-159)	661	714	770	647	660	770	1,308	1,374	1,540
Respiratory and intrathoracic organs (160-165)	1,311	1,334	1,459	556	591	613	1,867	1,925	2,072
Breast (174, 175)	4	8	5	535	551	542	539	559	547
Genitourinary organs (179-189)	1,407	1,440	1,471	516	553	618	1,923	1,993	2,089
Lymphatic and haematopoietic tissue (200-208)	489	444	532	464	499	489	953	943	1,021
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	578	522	628	593	642	686	1,171	1,164	1,314
Diabetes mellitus (250)	491	442	529	479	523	561	970	965	1,090
<i>Mental disorders (290-319)</i>	371	381	436	514	498	581	885	879	1,017
<i>Diseases of the circulatory system (390-459)</i>	9,887	9,417	9,769	10,407	9,928	9,851	20,294	19,345	19,620
Acute myocardial infarction (410)	3,678	3,497	3,548	3,651	3,312	3,199	7,329	6,809	6,747
Other ischaemic heart disease (411-414)	2,148	2,098	2,190	1,874	1,805	1,885	4,022	3,903	4,075
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	1,172	1,021	1,186	1,430	1,406	1,372	2,602	2,427	2,558
Cerebrovascular disease (430-438)	2,210	2,078	2,141	2,838	2,776	2,747	5,048	4,854	4,888
<i>Diseases of the respiratory system (460-519)</i>	2,135	2,091	2,192	1,363	1,331	1,496	3,498	3,422	3,688
<i>Diseases of the digestive system (520-579)</i>	526	520	486	614	651	614	1,140	1,171	1,100
<i>Diseases of the genitourinary system (580-629)</i>	421	417	436	393	424	458	814	841	894
<i>Accidents, poisonings and violence (E800-E999)</i>	358	335	390	325	310	325	683	645	715
Accidental falls (E880-E888)	136	111	147	180	158	186	316	269	333

TABLE 13. MAIN CAUSES OF DEATH AT AGE 85 YEARS AND OVER, AUSTRALIA, 1994 TO 1996

Cause of death and ICD code	Males			Females			Persons		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>All causes</b>	<b>9,955</b>	<b>10,025</b>	<b>10,932</b>	<b>19,018</b>	<b>19,155</b>	<b>20,629</b>	<b>28,973</b>	<b>29,180</b>	<b>31,561</b>
<i>Malignant neoplasms (140-208)</i>	1,712	1,805	1,906	1,926	1,996	2,146	3,638	3,801	4,052
Colon (153)	149	160	162	318	289	297	467	449	459
Other digestive organs and peritoneum (150, 152, 154-159)	189	213	197	367	355	386	556	568	583
Respiratory and intrathoracic organs (160-165)	297	289	306	122	153	179	419	442	485
Breast (174, 175)	1	1	3	277	286	279	278	287	282
Genitourinary organs (179-189)	625	662	724	209	240	260	834	902	984
Lymphatic and haematopoietic tissue (200-208)	160	166	164	210	223	221	370	389	385
<i>Endocrine, nutritional and metabolic diseases and immunity disorders (240-279)</i>	246	247	290	493	482	534	739	729	824
Diabetes mellitus (250)	202	182	232	368	358	401	570	540	633
<i>Mental disorders (290-319)</i>	322	349	421	981	1,015	1,249	1,303	1,364	1,670
<i>Diseases of the circulatory system (390-459)</i>	5,158	5,205	5,541	11,733	11,727	12,308	16,891	16,932	17,849
Acute myocardial infarction (410)	1,530	1,598	1,605	2,985	2,991	3,044	4,515	4,589	4,649
Other ischaemic heart disease (411-414)	1,122	1,128	1,247	2,350	2,330	2,567	3,472	3,458	3,814
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	805	796	900	2,100	2,092	2,264	2,905	2,888	3,164
Cerebrovascular disease (430-438)	1,298	1,301	1,380	3,462	3,487	3,594	4,760	4,788	4,974
<i>Diseases of the respiratory system (460-519)</i>	1,202	1,059	1,265	1,289	1,231	1,546	2,491	2,290	2,811
<i>Diseases of the digestive system (520-579)</i>	283	310	346	654	648	684	937	958	1,030
<i>Diseases of the genitourinary system (580-629)</i>	330	293	332	463	454	521	793	747	853
<i>Accidents, poisonings and violence (E800-E999)</i>	205	223	222	349	362	367	554	585	589
Accidental falls (E880-E888)	132	146	145	296	299	311	428	445	456

**TABLE 14. LEADING CAUSES OF DEATH: RATES AND PERCENTAGE DISTRIBUTION, AUSTRALIA**

Age group, cause of death and ICD code	Rate (a)			Percentage of all deaths of same age and sex, 1996
	1994	1995	1996	
<b>MALES</b>				
<i>Under 1 year</i>				
<b>All causes</b>	<b>6.53</b>	<b>6.14</b>	<b>6.46</b>	<b>100</b>
<i>Certain conditions originating in the perinatal period (760-779)</i>	2.99	2.87	3.00	46
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	1.24	0.87	0.90	14
<i>Symptoms, signs and ill-defined conditions (780-799)</i>	0.93	0.91	0.96	15
Sudden death, cause unknown (798)	0.90	0.90	0.93	14
<i>Congenital anomalies (740-759)</i>	1.98	1.58	1.62	25
<i>1-14 years</i>				
<b>All causes</b>	<b>25</b>	<b>24</b>	<b>25</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	19	11	12	47
Motor vehicle traffic accidents (E810-E819)	4	4	5	19
Accidents caused by submersion, suffocation and foreign bodies (E910-E915)	3	3	3	12
<i>Malignant neoplasms (140-208)</i>	5	5	4	17
<i>15-24 years</i>				
<b>All causes</b>	<b>98</b>	<b>101</b>	<b>102</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	76	76	77	76
Motor vehicle traffic accidents (E810-E819)	30	32	32	31
Suicide (E950-E959)	27	25	25	25
<i>25-44 years</i>				
<b>All causes</b>	<b>152</b>	<b>155</b>	<b>154</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	66	70	73	47
Suicide (E950-E959)	28	31	31	20
Motor vehicle traffic accidents (E810-E819)	17	17	17	11
<i>Diseases of the circulatory system (390-459)</i>	19	20	19	12
<i>Malignant neoplasms (140-208)</i>	26	23	21	14
<i>45-54 years</i>				
<b>All causes</b>	<b>362</b>	<b>348</b>	<b>343</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	110	107	106	31
Acute myocardial infarction (410)	50	43	44	13
<i>Malignant neoplasms (140-208)</i>	125	120	117	34
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	31	30	32	9
<i>Accidents, poisonings and violence (E800-E999)</i>	57	52	51	15
<i>55-64 years</i>				
<b>All causes</b>	<b>1,084</b>	<b>1,028</b>	<b>993</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	376	361	340	34
Acute myocardial infarction (410)	159	154	142	14
<i>Malignant neoplasms (140-208)</i>	457	422	409	41
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	142	132	127	13
<i>65-74 years</i>				
<b>All causes</b>	<b>3,016</b>	<b>2,883</b>	<b>2,828</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	1,238	1,163	1,101	39
Acute myocardial infarction (410)	527	490	446	16
<i>Malignant neoplasms (140-208)</i>	1,107	1,083	1,073	38
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	360	345	336	12
<i>75-84 years</i>				
<b>All causes</b>	<b>7,823</b>	<b>7,329</b>	<b>7,377</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	3,765	3,449	3,409	46
Acute myocardial infarction (410)	1,401	1,281	1,238	17
Cerebrovascular disease (430-438)	842	761	747	10
Other ischaemic heart disease (411-414)	818	769	764	10
<i>Malignant neoplasms (140-208)</i>	2,018	1,977	2,025	27
<i>Diseases of the respiratory system (460-519)</i>	813	766	765	10
<i>85 years and over</i>				
<b>All causes</b>	<b>18,746</b>	<b>17,819</b>	<b>18,063</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	9,713	9,252	9,155	57
Acute myocardial infarction (410)	2,881	2,840	2,652	15
Cerebrovascular disease (430-438)	2,444	2,312	2,280	13
Other ischaemic heart disease (411-414)	2,113	2,005	2,060	11
<i>Malignant neoplasms (140-208)</i>	3,224	3,208	3,149	17
<i>Diseases of the respiratory system (460-519)</i>	2,263	1,882	2,090	12



TABLE 14. LEADING CAUSES OF DEATH: RATES AND PERCENTAGE DISTRIBUTION, AUSTRALIA - continued

Age group, cause of death and ICD code	Rate (a)			Percentage of all deaths of same age and sex, 1996
	1994	1995	1996	
<b>FEMALES</b>				
<i>Under 1 year</i>				
<b>All causes</b>	<b>5.15</b>	<b>5.15</b>	<b>5.01</b>	<b>100</b>
<i>Certain conditions originating in the perinatal period (760-779)</i>	2.30	2.28	2.45	49
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	0.81	0.65	0.65	13
Disorders relating to short gestation and unspecified low birthweight (765)	0.66	0.76	0.84	17
<i>Congenital anomalies (740-759)</i>	1.53	1.49	1.31	26
<i>Symptoms, signs and ill-defined conditions (780-799)</i>	0.72	0.68	0.71	14
Sudden death, cause unknown (798)	0.71	0.67	0.71	14
<i>1-14 years</i>				
<b>All causes</b>	<b>20</b>	<b>20</b>	<b>18</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	7	8	7	38
Motor vehicle traffic accidents (E810-E819)	3	3	3	15
<i>Malignant neoplasms (140-208)</i>	3	3	3	17
<i>Congenital anomalies (740-759)</i>	2	2	2	11
<i>Diseases of the nervous system and sense organs (320-389)</i>	2	2	2	8
<i>15-24 years</i>				
<b>All causes</b>	<b>33</b>	<b>38</b>	<b>31</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	19	23	17	56
Motor vehicle traffic accidents (E810-E819)	10	11	8	27
Suicide (E950-E959)	4	6	4	14
<i>Malignant neoplasms (140-208)</i>	4	4	3	10
<i>25-44 years</i>				
<b>All causes</b>	<b>69</b>	<b>69</b>	<b>68</b>	<b>100</b>
<i>Malignant neoplasms (140-208)</i>	27	25	28	41
<i>Accidents, poisonings and violence (E800-E999)</i>	18	19	18	26
Motor vehicle traffic accidents (E810-E819)	5	6	5	7
Suicide (E950-E959)	7	7	7	11
<i>Diseases of the circulatory system (390-459)</i>	8	8	7	11
<i>45-54 years</i>				
<b>All causes</b>	<b>222</b>	<b>216</b>	<b>214</b>	<b>100</b>
<i>Malignant neoplasms (140-208)</i>	128	125	124	58
Malignant neoplasms of Malignant neoplasms of breast (174)	44	40	37	18
<i>Diseases of the circulatory system (390-459)</i>	35	34	32	15
Acute myocardial infarction (410)	9	10	9	4
<i>Accidents, poisonings and violence (E800-E999)</i>	19	22	19	9
<i>55-64 years</i>				
<b>All causes</b>	<b>594</b>	<b>570</b>	<b>570</b>	<b>100</b>
<i>Malignant neoplasms (140-208)</i>	308	300	302	53
Malignant neoplasms of Malignant neoplasms of breast (174)	70	70	67	12
<i>Diseases of the circulatory system (390-459)</i>	144	133	131	23
Acute myocardial infarction (410)	57	51	46	8
<i>65-74 years</i>				
<b>All causes</b>	<b>1,617</b>	<b>1,562</b>	<b>1,517</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	599	569	538	35
Acute myocardial infarction (410)	232	218	200	13
Cerebrovascular disease (430-438)	133	137	127	8
<i>Malignant neoplasms (140-208)</i>	601	604	585	39
<i>75-84 years</i>				
<b>All causes</b>	<b>4,867</b>	<b>4,686</b>	<b>4,601</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	2,627	2,439	2,325	51
Acute myocardial infarction (410)	922	814	755	16
Cerebrovascular disease (430-438)	716	682	648	14
Other ischaemic heart disease (411-414)	473	443	445	10
<i>Malignant neoplasms (140-208)</i>	991	1,021	1,028	22
<i>85 years and over</i>				
<b>All causes</b>	<b>15,000</b>	<b>14,453</b>	<b>14,639</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	9,254	8,849	8,734	60
Acute myocardial infarction (410)	2,354	2,257	2,160	15
Cerebrovascular disease (430-438)	2,731	2,631	2,550	17
Other ischaemic heart disease (411-414)	1,854	1,758	1,822	12
<i>Malignant neoplasms (140-208)</i>	1,519	1,506	1,523	10
<i>Diseases of the respiratory system (460-519)</i>	1,017	929	1,097	7

TABLE 14. LEADING CAUSES OF DEATH: RATES AND PERCENTAGE DISTRIBUTION, AUSTRALIA —continued

Age group, cause of death and ICD code	Rate (a)			Percentage of all deaths of same age and sex, 1996
	1994	1995	1996	
<b>PERSONS</b>				
<i>Under 1 year</i>				
<b>All causes</b>	<b>5.86</b>	<b>5.66</b>	<b>5.75</b>	<b>100</b>
<i>Certain conditions originating in the perinatal period (760-779)</i>	2.65	2.58	2.73	47
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	1.03	0.76	0.78	13
<i>Congenital anomalies (740-759)</i>	1.76	1.54	1.47	25
<i>Symptoms, signs and ill-defined conditions (780-799)</i>	0.83	0.80	0.84	15
Sudden death, cause unknown (798)	0.81	0.78	0.83	14
<i>1-14 years</i>				
<b>All causes</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	9	9	9	43
Motor vehicle traffic accidents (E810-E819)	3	3	4	17
Accidents caused by submersion, suffocation and foreign bodies (E910-- E915)	2	2	2	11
<i>Malignant neoplasms (140-208)</i>	4	4	4	17
<i>15-24 years</i>				
<b>All causes</b>	<b>66</b>	<b>71</b>	<b>67</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	48	50	48	71
Motor vehicle traffic accidents (E810-E819)	20	22	20	30
Suicide (E950-E959)	16	16	15	22
<i>25-44 years</i>				
<b>All causes</b>	<b>110</b>	<b>112</b>	<b>111</b>	<b>100</b>
<i>Accidents, poisonings and violence (E800-E999)</i>	42	44	45	41
Motor vehicle traffic accidents (E810-E819)	11	11	11	10
Suicide (E950-E959)	17	19	19	17
<i>Malignant neoplasms (140-208)</i>	26	24	24	22
<i>Diseases of the circulatory system (390-459)</i>	13	14	13	12
<i>45-54 years</i>				
<b>All causes</b>	<b>293</b>	<b>283</b>	<b>279</b>	<b>100</b>
<i>Malignant neoplasms (140-208)</i>	127	122	120	43
<i>Diseases of the circulatory system (390-459)</i>	73	71	70	25
Acute myocardial infarction (410)	30	27	27	10
<i>Accidents, poisonings and violence (E800-E999)</i>	38	37	35	13
<i>55-64 years</i>				
<b>All causes</b>	<b>840</b>	<b>801</b>	<b>783</b>	<b>100</b>
<i>Malignant neoplasms (140-208)</i>	383	361	356	45
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	95	90	90	11
<i>Diseases of the circulatory system (390-459)</i>	260	247	236	30
Acute myocardial infarction (410)	108	103	94	12
<i>65-74 years</i>				
<b>All causes</b>	<b>2,275</b>	<b>2,186</b>	<b>2,138</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	899	850	805	38
Acute myocardial infarction (410)	371	346	316	15
Cerebrovascular disease (430-438)	160	162	153	7
<i>Malignant neoplasms (140-208)</i>	839	830	816	38
<i>75-84 years</i>				
<b>All causes</b>	<b>6,046</b>	<b>5,747</b>	<b>5,721</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	3,081	2,844	2,763	48
Acute myocardial infarction (410)	1,113	1,001	950	17
Cerebrovascular disease (430-438)	766	714	688	12
<i>Malignant neoplasms (140-208)</i>	1,401	1,405	1,430	25
<i>85 years and over</i>				
<b>All causes</b>	<b>16,106</b>	<b>15,456</b>	<b>15,668</b>	<b>100</b>
<i>Diseases of the circulatory system (390-459)</i>	9,390	8,969	8,861	57
Acute myocardial infarction (410)	2,510	2,431	2,308	15
Cerebrovascular disease (430-438)	2,646	2,536	2,469	16
<i>Malignant neoplasms (140-208)</i>	2,022	2,013	2,012	13
<i>Diseases of respiratory system (460-519)</i>	1,385	1,213	1,395	9

(a) Deaths per 100,000 of the estimated mid-year population for each age group other than age under 1 year; deaths per 1,000 live births for age under 1 year. See Appendix - Definitions.

TABLE 15. PRINCIPAL CAUSES OF DEATH OF INDIGENOUS PEOPLE(a), 1996

Cause of death and ICD code	Indigenous deaths			All deaths
	Males	Females	Persons	
<b>SOUTH AUSTRALIA</b>				
Infectious and parasitic diseases (001-139)	1	1	2	125
Neoplasms (140-239) —	11	9	20	3,125
Malignant neoplasms (cancer) (140-208)	11	9	20	3,060
Other (210-239)	—	—	—	65
Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279) —	6	9	15	400
Diabetes mellitus (250)	6	9	15	325
Other (240-246, 251-279)	—	—	—	75
Mental disorders (290-319)	4	1	5	387
Diseases of the circulatory system (390-459) —	20	10	30	5,000
Ischaemic heart disease (410-414)	12	5	17	2,723
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	4	2	6	721
Cerebrovascular disease (stroke) (430-438)	3	3	6	1,215
Other (390-392, 400, 401, 403, 405, 417, 440-459)	1	—	1	341
Diseases of the respiratory system (460-519)	7	3	10	847
Diseases of the digestive system (520-579)	4	6	10	358
Perinatal conditions (760-779)	—	1	1	52
All other medical conditions (Remainder of 001-799)	1	2	3	436
External causes (E800-E999)	16	2	18	631
Motor vehicle traffic accidents (E810-E819)	7	—	7	173
All other accidents (E800-E807, E820-E929)	7	2	9	243
Suicide (E950-E959)	1	—	1	185
Other external causes (Remainder of E800-E999)	—	—	—	9
<b>Total (001-799, E800-E999)</b>	<b>72</b>	<b>46</b>	<b>118</b>	<b>11,606</b>
<b>WESTERN AUSTRALIA</b>				
Infectious and parasitic diseases (001-139)	4	3	7	114
Neoplasms (140-239) —	18	18	36	3,054
Malignant neoplasms (cancer) (140-208)	18	18	36	3,007
Other (210-239)	—	—	—	47
Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279) —	12	23	35	355
Diabetes mellitus (250)	10	21	31	282
Other (240-246, 251-279)	2	2	4	73
Mental disorders (290-319)	11	5	16	387
Diseases of the circulatory system (390-459) —	58	36	94	4,297
Ischaemic heart disease (410-414)	31	19	50	2,426
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	13	6	19	541
Cerebrovascular disease (stroke) (430-438)	11	9	20	1,050
Other (390-392, 400, 401, 403, 405, 417, 440-459)	3	2	5	280
Diseases of the respiratory system (460-519)	32	16	48	918
Diseases of the digestive system (520-579)	8	14	22	324
Perinatal conditions (760-779)	7	1	8	67
All other medical conditions (Remainder of 001-799)	11	10	21	488
External causes (E800-E999)	49	11	60	786
Motor vehicle traffic accidents (E810-E819)	19	7	26	241
All other accidents (E800-E807, E820-E929)	15	3	18	296
Suicide (E950-E959)	11	1	12	218
Other external causes (Remainder of E800-E999)	1	—	1	8
<b>Total (001-799, E800-E999)</b>	<b>222</b>	<b>148</b>	<b>370</b>	<b>11,027</b>
<b>NORTHERN TERRITORY</b>				
Infectious and parasitic diseases (001-139)	4	5	9	16
Neoplasms (140-239) —	26	14	40	166
Malignant neoplasms (cancer) (140-208)	26	14	40	161
Other (210-239)	—	—	—	5
Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279) —	13	12	25	34
Diabetes mellitus (250)	10	8	18	26
Other (240-246, 251-279)	3	4	7	8
Mental disorders (290-319)	3	2	5	17
Diseases of the circulatory system (390-459) —	40	37	77	174
Ischaemic heart disease (410-414)	19	13	32	77
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	13	10	23	42
Cerebrovascular disease (stroke) (430-438)	6	11	17	43
Other (390-392, 400, 401, 403, 405, 417, 440-459)	2	3	5	12
Diseases of the respiratory system (460-519)	28	19	47	79
Diseases of the digestive system (520-579)	7	4	11	23
Perinatal conditions (760-779)	10	2	12	17
All other medical conditions (Remainder of 001-799)	13	11	24	45
External causes (E800-E999)	46	17	63	161
Motor vehicle traffic accidents (E810-E819)	17	7	24	64
All other accidents (E800-E807, E820-E929)	12	6	18	40
Suicide (E950-E959)	7	1	8	35
Other external causes (Remainder of E800-E999)	1	—	1	2
<b>Total (001-799, E800-E999)</b>	<b>196</b>	<b>132</b>	<b>328</b>	<b>758</b>

(a) See Explanatory Note 21.

**TABLE 16. FETAL, NEONATAL AND PERINATAL DEATHS, AUSTRALIA, 1991 TO 1996**

Year	Fetal deaths			Neonatal deaths			All perinatal deaths		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
NUMBER									
1991	777	701	1,478	571	441	1,012	1,348	1,142	2,490
1992	779	714	1,493	596	419	1,015	1,375	1,133	2,508
1993	668	577	1,245	511	375	886	1,179	952	2,131
1994	692	515	1,207	517	351	868	1,209	866	2,075
1995	681	602	1,283	467	344	811	1,148	946	2,094
1996	759	652	1,411	446	313	759	1,205	965	2,170
RATE(a)									
1991	5.9	5.6	5.7	4.3	3.5	3.9	10.2	9.1	9.6
1992	5.7	5.5	5.6	4.4	3.3	3.8	10.1	8.8	9.4
1993	5.0	4.5	4.8	3.8	3.0	3.4	8.8	7.5	8.2
1994	5.2	4.1	4.7	3.9	2.8	3.4	9.1	6.9	8.0
1995	5.2	4.8	5.0	3.6	2.8	3.2	8.7	7.6	8.1
1996	5.8	5.3	5.5	3.4	2.5	3.0	9.2	7.8	8.5

(a) Rates are per 1,000 of total relevant births - see also Appendix - Definitions.

**TABLE 17. PERINATAL DEATHS BY USUAL RESIDENCE OF MOTHER, 1991 TO 1996**

Year	NSW	Vic.	Qld	SA	WA	Tas	NT	ACT	Australia
NUMBER									
1991	880	578	457	158	224	82	61	50	2,490
1992	991	541	433	157	218	64	64	40	2,508
1993	766	482	378	154	184	65	70	32	2,131
1994	732	513	379	137	179	54	54	27	2,075
1995	693	485	415	162	197	53	53	36	2,094
1996	832	450	406	143	210	56	38	35	2,170
RATE(a)									
1991	10.0	8.8	10.3	8.0	8.8	11.9	16.8	10.5	9.6
1992	10.6	8.2	9.3	8.1	8.7	9.1	17.0	9.0	9.4
1993	8.5	7.5	8.1	7.6	7.3	9.5	19.3	7.2	8.2
1994	8.3	8.0	8.1	7.0	7.1	7.9	14.8	6.0	8.0
1995	7.9	7.7	8.9	8.3	7.8	8.0	14.0	8.1	8.1
1996	9.6	7.3	8.5	7.5	8.4	8.6	10.6	7.9	8.5

(a) Rates are per 1,000 of total relevant births - see also Appendix - Definitions.

**TABLE 18. PERINATAL DEATHS BY AGE OF MOTHER, AUSTRALIA, 1991 TO 1996**

Year	Age of mother (years)							Total
	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated	
NUMBER								
1991	208	520	752	664	236	69	41	2,490
1992	184	514	753	661	261	64	71	2,508
1993	154	431	639	552	244	45	66	2,131
1994	134	405	580	573	264	57	62	2,075
1995	180	417	567	540	248	60	82	2,094
1996	159	407	596	588	271	81	68	2,170
RATE(a)								
1991	14.0	10.0	8.1	9.3	9.8	18.9	..	9.6
1992	12.9	9.7	8.2	8.7	10.0	15.4	..	9.4
1993	11.6	8.5	7.2	7.1	9.1	10.6	..	8.2
1994	10.4	8.2	6.8	7.4	9.2	12.5	..	8.0
1995	14.1	8.8	6.8	6.9	8.2	12.0	..	8.1
1996	12.6	9.0	7.2	7.7	8.5	15.3	..	8.5

(a) Rates are per 1,000 of total relevant births - see also Appendix - Definitions.

TABLE 19. MAIN CAUSES OF FETAL AND NEONATAL DEATHS, AUSTRALIA, 1996

Cause of death and ICD code	Fetal deaths		Neonatal deaths		All perinatal deaths		
	Males	Females	Males	Females	Males	Females	Persons
<b>All causes</b>	<b>759</b>	<b>652</b>	<b>446</b>	<b>313</b>	<b>1,205</b>	<b>965</b>	<b>2,170</b>
MAIN CONDITION IN FETUS/INFANT							
<i>Slow fetal growth, fetal malnutrition and immaturity (764, 765)</i>	61	64	74	32	135	96	231
Slow fetal growth and fetal malnutrition (764)	28	44	1	1	29	45	74
Extreme immaturity (765.0)	33	20	71	29	104	49	153
<i>Birth trauma (767)</i>	—	—	21	25	21	25	46
Birth injury to brain, spine or spinal cord (767.0, 767.4)	—	—	20	24	20	24	44
<i>Hypoxia, birth asphyxia and other respiratory conditions (768-770)</i>	245	226	86	63	331	289	620
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	191	174	—	—	191	174	365
Fetal death from asphyxia or anoxia during labour (768.1)	48	45	—	—	48	45	93
Fetal distress or birth asphyxia in liveborn infant (768.2-768.6)	—	—	21	12	21	12	33
Respiratory distress syndrome (769)	—	—	13	15	13	15	28
Congenital pneumonia (770.0)	3	3	5	1	8	4	12
Massive aspiration syndrome (770.1)	2	3	3	5	5	8	13
Atelectasis (770.4-770.5)	—	—	8	12	8	12	20
<i>Fetal and neonatal haemorrhage (772)</i>	9	12	28	23	37	35	72
Intraventricular haemorrhage (772.1)	1	—	25	19	26	19	45
<i>Haemolytic disease of fetus or newborn (773)</i>	2	2	1	1	3	3	6
<i>Other conditions originating in the perinatal period (766, 771, 774-779)</i>	352	269	65	49	417	318	735
Infections specific to the perinatal period (771)	11	5	28	26	39	31	70
Hydrops fetalis not due to isoimmunization (778.0)	16	13	6	3	22	16	38
<i>Congenital anomalies (740-759)</i>	87	72	142	97	229	169	398
Anencephalus and similar anomalies (740)	6	10	5	4	11	14	25
Spina bifida (741)	4	4	4	3	8	7	15
Congenital hydrocephalus (742.3)	13	4	3	5	16	9	25
Other deformities of central nervous system (742.0-742.2, 742.4-742.9)	5	1	5	3	10	4	14
Congenital anomalies of heart and circulatory system (745-747)	9	7	45	30	54	37	91
Congenital anomalies of respiratory system (748)	1	—	22	12	23	12	35
Congenital anomalies of digestive system (749-751)	—	—	—	3	—	3	3
Congenital anomalies of genital organs and urinary system (752, 753)	12	5	8	5	20	10	30
Congenital anomalies of musculoskeletal system and limbs (754-756)	9	7	25	13	34	20	54
Chromosomal anomalies (758)	20	19	15	14	35	33	68
<i>All other causes (001-739, 780-999)</i>	3	7	29	23	32	30	62
MAIN CONDITION IN MOTHER							
<i>Maternal conditions which may be unrelated to present pregnancy (760)</i>	95	103	35	29	130	132	262
Maternal hypertensive disorders (760.0)	40	45	17	11	57	56	113
<i>Maternal complications of pregnancy (761)</i>	64	59	124	68	188	127	315
Incompetent cervix (761.0)	6	3	8	8	14	11	25
Premature rupture of membranes (761.1)	—	—	1	1	1	1	2
Polyhydramnios (761.3)	14	10	12	5	26	15	41
Multiple pregnancy (761.5)	22	26	28	19	50	45	95
Other maternal complications of pregnancy (Remainder of 761)	22	20	75	35	97	55	152
<i>Complications of placenta, cord and membranes (762)</i>	286	219	58	46	344	265	609
Placenta praevia (762.0)	—	1	4	2	4	3	7
Other placental separation and haemorrhage (762.1)	107	76	24	26	131	102	233
Other and unspecified morphological and functional abnormalities of placenta (762.2)	62	36	1	4	63	40	103
Prolapsed cord (762.4)	9	9	1	—	10	9	19
Other compression of umbilical cord (762.5)	62	55	4	—	66	55	121
Other complications of placenta, cord and membranes (Remainder of 762)	46	42	24	14	70	56	126
<i>Other complications of labour and delivery (763)</i>	43	28	17	9	60	37	97
Breech delivery and extraction (763.0)	2	5	4	1	6	6	12
<i>No maternal condition reported</i>	271	243	212	161	483	404	887

TABLE 20. MAIN CAUSES OF PERINATAL DEATHS, BY AGE OF MOTHER, AUSTRALIA, 1996

Cause of death and ICD code	Age of mother (years)							Total
	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated	
<b>All causes</b>	<b>159</b>	<b>407</b>	<b>596</b>	<b>588</b>	<b>271</b>	<b>81</b>	<b>68</b>	<b>2,170</b>
MAIN CONDITION IN FETUS/INFANT								
<i>Slow fetal growth, fetal malnutrition and immaturity (764, 765)</i>	22	50	50	68	34	4	3	231
Slow fetal growth and fetal malnutrition (764)	5	14	21	21	11	2	—	74
Extreme immaturity (765.0)	17	35	27	46	23	2	3	153
<i>Birth trauma (767)</i>	1	6	16	14	3	3	3	46
Birth injury to brain, spine or spinal cord (767.0, 767.4)	1	6	14	14	3	3	3	44
<i>Hypoxia, birth asphyxia and other respiratory conditions (768-770)</i>	38	108	178	178	71	30	17	620
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	24	54	105	112	45	17	8	365
Fetal death from asphyxia or anoxia during labour (768.1)	3	17	29	28	11	5	—	93
Fetal distress or birth asphyxia in liveborn infant (768.2-768.6)	1	11	6	9	3	1	2	33
Respiratory distress syndrome (769)	1	4	8	6	3	2	4	28
Congenital pneumonia (770.0)	1	2	4	3	1	1	—	12
Massive aspiration syndrome (770.1)	1	3	6	3	—	—	—	13
Atelectasis (770.4-770.5)	4	4	4	3	3	2	—	20
<i>Fetal and neonatal haemorrhage (772)</i>	4	9	22	25	8	2	2	72
Intraventricular haemorrhage (772.1)	3	7	14	15	5	1	—	45
<i>Haemolytic disease of fetus or newborn (773)</i>	—	—	3	3	—	—	—	6
<i>Other conditions originating in the perinatal period (766, 771, 774-779)</i>	64	142	200	181	97	29	22	735
Infections specific to the perinatal period (771)	8	11	14	22	6	3	6	70
Hydrops fetalis not due to isoimmunization (778.0)	2	6	14	11	4	—	1	38
<i>Congenital anomalies (740-759)</i>	27	75	114	104	54	12	12	398
Anencephalus and similar anomalies (740)	2	7	8	6	2	—	—	25
Spina bifida (741)	—	4	3	4	2	1	1	15
Congenital hydrocephalus (742.3)	2	4	9	6	4	—	—	25
Other deformities of central nervous system (742.0-742.2, 742.4-742.9)	2	4	4	1	2	1	—	14
Congenital anomalies of heart and circulatory system (745-747)	5	15	29	23	14	1	4	91
Congenital anomalies of respiratory system (748)	—	7	13	11	3	—	1	35
Congenital anomalies of digestive system (749-751)	—	—	1	1	—	—	1	3
Congenital anomalies of genital organs and urinary system (752, 753)	1	7	10	8	3	1	—	30
Congenital anomalies of musculoskeletal system and limbs (754-756)	5	15	16	11	5	1	1	54
Chromosomal anomalies (758)	5	6	11	24	14	5	3	68
<i>All other causes (001-739, 780-999)</i>	3	17	13	15	4	1	9	62
MAIN CONDITION IN MOTHER								
<i>Maternal conditions which may be unrelated to present pregnancy (760)</i>	23	43	67	67	42	11	9	262
Maternal hypertensive disorders (760.0)	4	20	32	24	25	3	5	113
<i>Maternal complications of pregnancy (761)</i>	20	55	87	96	35	15	7	315
Incompetent cervix (761.0)	1	5	4	9	4	2	—	25
Premature rupture of membranes (761.1)	—	1	1	—	—	—	—	2
Polyhydramnios (761.3)	2	8	8	16	7	—	—	41
Multiple pregnancy (761.5)	4	14	26	30	12	6	3	95
Other maternal complications of pregnancy (Remainder of 761)	13	27	48	41	12	7	4	152
<i>Complications of placenta, cord and membranes (762)</i>	42	124	151	170	84	30	8	609
Placenta praevia (762.0)	—	1	1	3	2	—	—	7
Other placental separation and haemorrhage (762.1)	13	42	77	60	28	10	3	233
Other and unspecified morphological and functional abnormalities of placenta (762.2)	11	25	23	25	11	6	2	103
Prolapsed cord (762.4)	1	3	2	5	5	3	—	19
Other compression of umbilical cord (762.5)	6	24	33	37	15	6	—	121
Other complications of placenta, cord and membranes (Remainder of 762)	11	29	15	40	23	5	3	126
<i>Other complications of labour and delivery (763)</i>	6	22	28	24	13	3	1	97
Breech delivery and extraction (763.0)	—	4	5	3	—	—	—	12
<i>No maternal condition reported</i>	68	163	263	231	97	22	43	887

TABLE 21. FETAL DEATHS BY TIME OF CESSATION OF HEARTBEAT, AUSTRALIA, 1996

Cause of death and ICD code	Heartbeat ceased									
	Before labour commenced					Before delivery but unknown if before or during labour				
	Time dead in utero					During labour	Total	Unknown if before or after delivery	Total	Total
	Under 1 day	1-6 days	1-3 weeks	4 weeks or more	Not stated					
<b>All causes</b>	<b>129</b>	<b>460</b>	<b>59</b>	<b>7</b>	<b>301</b>	<b>956</b>	<b>315</b>	<b>104</b>	<b>36</b>	<b>1,411</b>
MAIN CONDITION IN FETUS										
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	6	29	4	—	13	52	62	5	6	125
Slow fetal growth and fetal malnutrition (764)	6	29	4	—	13	52	15	5	—	72
Extreme immaturity (765.0)	—	—	—	—	—	—	47	—	6	53
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	53	168	17	3	89	330	101	29	11	471
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	52	166	17	3	87	325	—	29	11	365
Fetal death from asphyxia or anoxia during labour (768.1)	—	—	—	—	—	—	93	—	—	93
Fetal and neonatal haemorrhage (772)	2	4	1	—	10	17	4	—	—	21
Haemolytic disease of fetus or newborn (773)	2	2	—	—	—	4	—	—	—	4
Other conditions originating in the perinatal period (766, 771, 774, 779)	58	223	30	3	159	473	86	50	12	621
Congenital anomalies (740-759)	6	33	5	1	29	74	58	20	7	159
Anencephalias and similar anomalies (740)	—	1	—	—	2	3	10	2	1	16
All other causes (001-739, 780-999)	2	1	2	—	1	6	4	—	—	10
MAIN CONDITION IN MOTHER										
Maternal conditions which may be unrelated to present pregnancy (760)	21	62	7	—	55	145	35	13	5	198
Maternal hypertensive disorders (760.0)	5	28	3	—	15	51	25	6	3	85
Maternal complications of pregnancy (761)	12	19	5	2	23	61	41	16	5	123
Incompetent cervix (761.0)	1	1	—	—	2	4	3	2	—	9
Polyhydramnios (761.3)	2	8	2	1	3	16	7	1	—	24
Complications of placenta, cord and membranes (762)	58	173	14	1	107	353	108	36	8	505
Placenta praevia (762.0)	—	—	—	—	1	1	—	—	—	1
Other placental separation and haemorrhage (762.1)	39	37	2	—	40	118	43	19	3	183
Other and unspecified morphological and functional abnormalities of placenta (762.2)	6	44	7	—	26	83	9	5	1	98
Prolapsed cord (762.4)	3	1	—	—	—	4	13	—	—	18
Other compression of umbilical cord (762.5)	5	63	2	—	23	93	20	2	2	117
Other complications of placenta, cord and membranes (Remainder of 762)	5	28	3	1	17	54	23	9	2	88
Other complications of labour and delivery (763)	1	13	—	1	14	29	32	6	4	71
No maternal condition reported	37	193	33	3	102	368	99	33	14	514

TABLE 22. MAIN CAUSES OF NEONATAL DEATH BY AGE OF INFANT, AUSTRALIA, 1996

Cause of death and ICD code	Age at death							Total under 28 days(a)	
	Under 1 hour	1-11 hours	12-23 hours	Total under 1 day	1 day	2 days	3-6 days		7-27 days
<b>All causes</b>	<b>141</b>	<b>174</b>	<b>54</b>	<b>369</b>	<b>63</b>	<b>51</b>	<b>99</b>	<b>174</b>	<b>759</b>
MAIN CONDITION IN INFANT									
Slow fetal growth, fetal malnutrition and immaturity (764, 765)	61	34	4	99	2	—	3	2	106
Extreme immaturity (765.0)	57	33	4	94	2	—	2	2	100
Birth trauma (767)	—	6	7	13	9	5	8	11	46
Birth injury to brain, spine or spinal cord (767.0, 767.4)	—	5	7	12	8	5	8	11	44
Hypoxia, birth asphyxia and other respiratory conditions (768-770)	23	55	14	92	18	9	9	20	149
Fetal distress or birth asphyxia in liveborn infant (768.2-768.6)	8	11	2	21	4	3	3	2	33
Respiratory distress syndrome (769)	1	10	4	15	4	—	4	5	28
Congenital pneumonia (770.0)	—	4	1	5	—	—	—	—	6
Massive aspiration syndrome (770.1)	3	2	1	6	—	—	—	—	8
Atelectasis (770.4-770.5)	6	14	—	20	—	—	1	—	20
Fetal and neonatal haemorrhage (772)	3	4	3	10	5	15	13	8	51
Intraventricular haemorrhage (772.1)	1	1	2	4	5	14	13	8	44
Haemolytic disease of fetus or newborn (773)	1	—	—	1	—	—	1	—	2
Other conditions originating in the perinatal period (766, 771, 774-779)	18	14	7	39	6	1	20	47	114
Infections specific to the perinatal period (771)	5	8	4	17	2	1	11	23	54
Congenital anomalies (740-759)	31	60	18	109	21	20	38	50	230
Anencephalus and similar anomalies (740)	5	1	1	7	1	—	—	—	9
Spina bifida (741)	—	4	—	4	—	—	—	—	7
Congenital hydrocephalus (742.3)	2	2	1	5	—	—	—	—	8
Congenital anomalies of heart and circulatory system (745-747)	4	6	6	16	4	11	20	24	75
Congenital anomalies of respiratory system (748)	7	12	5	24	4	2	2	1	34
Congenital anomalies of digestive system (749-751)	—	—	—	—	—	—	—	—	3
Congenital anomalies of genital organs and urinary system (752, 753)	2	6	2	10	—	2	1	—	13
Congenital anomalies of musculoskeletal system and limbs (754-756)	2	11	3	16	9	3	2	8	38
Chromosomal anomalies (758)	6	7	—	13	3	—	8	5	29
All other causes (801-739, 780-999)	4	1	1	6	2	1	7	36	52
MAIN CONDITION IN MOTHER									
Maternal conditions which may be unrelated to present pregnancy (760)	14	10	4	28	8	3	12	13	64
Maternal hypertensive disorders (760.0)	5	5	1	12	4	2	5	5	28
Maternal complications of pregnancy (761)	51	67	12	130	15	9	14	24	192
Incompetent cervix (761.0)	7	4	—	11	—	2	2	1	16
Premature rupture of membranes (761.1)	—	—	1	2	—	—	—	—	2
Polyhydramnios (761.3)	6	5	1	12	2	—	1	2	17
Multiple pregnancy (761.5)	12	15	4	31	4	4	2	6	47
Other maternal complications of pregnancy (Remainder of 761)	26	42	6	74	9	3	9	15	110
Complications of placenta, cord and membranes (762)	29	25	8	62	7	9	9	15	104
Other complications of labour and delivery (763)	6	7	4	17	2	1	4	1	26
No maternal condition reported	41	65	26	132	31	29	60	121	373

(a) Including 3 deaths of 'days, not stated'.



TABLE 23. PERINATAL DEATHS BY BIRTHWEIGHT AUSTRALIA, 1996

Cause of death and ICD code	Birthweight (grams)						Total
	500-999	1000-1999	2000-2999	3000-3999	4000 or more	Not stated	
<b>All causes</b>	<b>740</b>	<b>407</b>	<b>463</b>	<b>409</b>	<b>65</b>	<b>86</b>	<b>2,170</b>
MAIN CONDITION IN FETUS/INFANT							
<i>Slow fetal growth, fetal malnutrition and immaturity (764, 765)</i>	168	30	25	4	—	4	231
Slow fetal growth and fetal malnutrition (764)	18	26	25	4	—	1	74
Extreme immaturity (765.0)	150	—	—	—	—	3	153
<i>Birth trauma (767)</i>	4	4	14	18	4	2	46
Birth injury to brain, spine or spinal cord (767.0, 767.4)	4	4	13	17	4	2	44
<i>Hypoxia, birth asphyxia and other respiratory conditions (768-770)</i>	180	109	133	145	24	29	620
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	69	80	99	89	6	22	365
Fetal death from asphyxia or anoxia during labour (768.1)	20	7	21	28	13	4	93
Fetal distress or birth asphyxia in liveborn infant (768.2-768.6)	4	6	8	11	3	1	33
Respiratory distress syndrome (769)	23	4	—	—	—	1	28
Congenital pneumonia (770.0)	4	—	4	3	1	—	12
Massive aspiration syndrome (770.1)	3	1	—	8	1	—	13
Atelectasis (770.4-770.5)	18	2	—	—	—	—	20
<i>Fetal and neonatal haemorrhage (772)</i>	37	17	8	6	—	4	72
Intraventricular haemorrhage (772.1)	30	11	2	2	—	—	45
<i>Haemolytic disease of fetus or newborn (773)</i>	2	1	3	—	—	—	6
<i>Other conditions originating in the perinatal period (766, 771, 774-779)</i>	236	153	163	130	21	32	735
Infections specific to the perinatal period (771)	36	13	8	11	1	1	70
Hydrops fetalis not due to isoimmunization (778.0)	8	15	8	5	1	1	38
<i>Congenital anomalies (740-759)</i>	102	91	102	79	14	10	398
Anencephalus and similar anomalies (740)	6	11	6	1	—	1	25
Spina bifida (741)	3	5	3	2	—	2	15
Congenital hydrocephalus (742.3)	6	8	4	5	1	1	25
Other deformities of central nervous system (742.0-742.2, 742.4-742.9)	5	5	1	2	1	—	14
Congenital anomalies of heart and circulatory system (745-747)	9	13	26	33	9	1	91
Congenital anomalies of respiratory system (748)	9	11	6	9	—	—	35
Congenital anomalies of digestive system (749-751)	—	1	—	1	—	1	3
Congenital anomalies of genital organs and urinary system (752, 753)	11	7	11	1	—	—	30
Congenital anomalies of musculoskeletal system and limbs (754-756)	8	3	24	15	2	2	54
Chromosomal anomalies (758)	31	14	13	8	1	1	68
<i>All other causes (001-739, 780-999)</i>	11	2	15	27	2	5	62
MAIN CONDITION IN MOTHER							
<i>Maternal conditions which may be unrelated to present pregnancy (760)</i>	100	51	53	39	7	12	262
Maternal hypertensive disorders (760.0)	43	25	23	11	4	7	113
<i>Maternal complications of pregnancy (761)</i>	208	62	28	11	1	5	315
Incompetent cervix (761.0)	23	2	—	—	—	—	25
Premature rupture of membranes (761.1)	—	2	—	—	—	—	2
Polyhydramnios (761.3)	12	10	11	6	1	1	41
Multiple pregnancy (761.5)	63	16	12	1	—	3	95
Other maternal complications of pregnancy (Remainder of 761)	110	32	5	4	—	1	152
<i>Complications of placenta, cord and membranes (762)</i>	220	125	127	107	14	16	609
Placenta praevia (762.0)	6	1	—	—	—	—	7
Other placental separation and haemorrhage (762.1)	93	59	50	24	2	5	233
Other and unspecified morphological and functional abnormalities of placenta (762.2)	31	26	24	18	1	3	103
Prolapsed cord (762.4)	10	—	5	3	1	—	19
Other compression of umbilical cord (762.5)	10	19	33	49	8	2	121
Other complications of placenta, cord and membranes (Remainder of 762)	70	20	15	13	2	6	126
<i>Other complications of labour and delivery (763)</i>	40	16	16	16	7	2	97
Breech delivery and extraction (763.0)	3	2	5	2	—	—	12
<i>No maternal condition reported</i>	172	153	239	236	36	51	887

TABLE 24. PERINATAL DEATHS BY PERIOD OF GESTATION, AUSTRALIA, 1996

Cause of death and ICD code	Period of gestation (completed weeks)						Total
	Under 28	28-31	32-36	37-41	42 and over	Not stated	
<b>All causes</b>	<b>713</b>	<b>269</b>	<b>424</b>	<b>673</b>	<b>18</b>	<b>73</b>	<b>2,170</b>
MAIN CONDITION IN FETUS/INFANT							
<i>Slow fetal growth, fetal malnutrition and immaturity (764, 765)</i>	155	19	20	32	—	5	231
Slow fetal growth and fetal malnutrition (764)	5	18	19	32	—	—	74
Extreme immaturity (765.0)	148	—	—	—	—	5	153
<i>Birth trauma (767)</i>	4	2	9	26	4	1	46
Birth injury to brain, spine or spinal cord (767.0, 767.4)	4	2	9	24	4	1	44
<i>Hypoxia, birth asphyxia and other respiratory conditions (768-770)</i>	175	77	115	237	6	10	620
Fetal death from asphyxia or anoxia before onset of labour or at unspecified time (768.0)	61	57	92	147	4	4	365
Fetal death from asphyxia or anoxia during labour (768.1)	22	3	13	52	2	1	93
Fetal distress or birth asphyxia in liveborn infant (768.2-768.6)	4	4	4	19	—	2	33
Respiratory distress syndrome (769)	27	—	1	—	—	—	28
Congenital pneumonia (770.0)	4	—	3	3	—	2	12
Massive aspiration syndrome (770.1)	2	—	1	10	—	—	13
Atelectasis (770.4-770.5)	18	2	—	—	—	—	20
<i>Fetal and neonatal haemorrhage (772)</i>	40	10	11	10	—	1	72
Intraventricular haemorrhage (772.1)	35	6	3	1	—	—	45
<i>Haemolytic disease of fetus or newborn (773)</i>	3	—	2	1	—	—	6
<i>Other conditions originating in the perinatal period (766, 771, 774-779)</i>	219	121	148	202	5	40	735
Infections specific to the perinatal period (771)	37	12	11	10	—	—	70
Hydrops fetalis not due to isoimmunization (778.0)	14	14	8	2	—	—	38
<i>Congenital anomalies (740-759)</i>	107	35	111	134	3	8	398
Anencephalus and similar anomalies (740)	6	5	9	4	1	—	25
Spina bifida (741)	6	1	4	3	—	1	15
Congenital hydrocephalus (742.3)	8	4	8	5	—	—	25
Other deformities of central nervous system (742.0-742.2, 742.4-742.9)	8	—	2	4	—	—	14
Congenital anomalies of heart and circulatory system (745-747)	9	5	20	54	—	3	91
Congenital anomalies of respiratory system (748)	9	6	12	7	1	—	35
Congenital anomalies of digestive system (749-751)	—	—	—	2	—	1	3
Congenital anomalies of genital organs and urinary system (752, 753)	13	1	12	4	—	—	30
Congenital anomalies of musculoskeletal system and limbs (754-756)	6	2	16	29	—	1	54
Chromosomal anomalies (758)	25	8	18	17	—	—	68
<i>All other causes (001-739, 780-999)</i>	10	5	8	31	—	8	62
MAIN CONDITION IN MOTHER							
<i>Maternal conditions which may be unrelated to present pregnancy (760)</i>	83	52	59	65	1	2	262
Maternal hypertensive disorders (760.0)	23	30	24	35	—	1	113
<i>Maternal complications of pregnancy (761)</i>	215	39	35	23	—	3	315
Incompetent cervix (761.0)	24	1	—	—	—	—	25
Premature rupture of membranes (761.1)	—	2	—	—	—	—	2
Polyhydramnios (761.3)	8	12	13	8	—	—	41
Multiple pregnancy (761.5)	64	7	12	11	—	1	95
Other maternal complications of pregnancy (Remainder of 761)	119	17	10	4	—	2	152
<i>Complications of placenta, cord and membranes (762)</i>	210	86	119	183	5	6	609
Placenta praevia (762.0)	6	1	—	—	—	—	7
Other placental separation and haemorrhage (762.1)	95	36	54	45	—	3	233
Other and unspecified morphological and functional abnormalities of placenta (762.2)	19	19	25	38	1	1	103
Prolapsed cord (762.4)	10	1	1	7	—	—	19
Other compression of umbilical cord (762.5)	7	13	25	72	4	—	121
Other complications of placenta, cord and membranes (Remainder of 762)	73	16	14	21	—	2	126
<i>Other complications of labour and delivery (763)</i>	44	7	16	27	2	1	97
Breech delivery and extraction (763.0)	3	1	1	6	1	—	12
<i>No maternal condition reported</i>	161	85	195	375	10	61	887

TABLE 25. SELECTED DETAILS OF FETAL, NEONATAL AND PERINATAL DEATHS, 1996

Particulars	1996				1995	
	Fetal deaths	Neonatal deaths	Perinatal deaths		Persons	Perinatal deaths
			Males	Females		
NEW SOUTH WALES						
Age at death (a)	..	267	146	121	267	288
Less than 1 hour	..	51	24	27	51	43
Less than 1 day	..	132	72	60	132	138
Less than 1 week	..	207	115	92	207	226
Weight at delivery (grams)	565	267	465	367	832	693
500- 999	174	106	160	120	280	219
1,000-1,999	121	33	89	65	154	141
2,000-2,999	134	49	104	79	183	162
3,000 or more	125	68	102	91	193	157
Period of gestation (weeks)	565	267	465	367	832	693
Less than 28	148	112	160	100	260	191
28-36	220	52	150	122	272	157
37-41	165	86	129	122	251	219
42 or more	2	5	4	3	7	15
Age group of mother (years)	565	267	465	367	832	693
Less than 20	51	17	43	25	68	55
20-24	97	48	81	64	145	142
25-29	158	69	131	96	227	170
30-34	158	68	111	115	226	189
35-39	75	36	71	40	111	91
40 or more	23	11	18	16	34	24
VICTORIA						
Age at death (a)	..	159	97	62	159	176
Less than 1 hour	..	32	17	15	32	24
Less than 1 day	..	75	44	31	75	81
Less than 1 week	..	125	73	52	125	122
Weight at delivery (grams)	291	159	260	190	450	485
500- 999	78	66	86	58	144	133
1,000-1,999	50	31	49	32	81	96
2,000-2,999	67	29	55	41	96	83
3,000 or more	61	30	56	35	91	85
Period of gestation (weeks)	291	159	260	190	450	485
Less than 28	88	64	86	66	152	159
28-36	90	54	90	54	144	153
37-41	107	39	79	67	146	160
42 or more	2		1	1	2	3
Age group of mother (years)	291	159	260	190	450	485
Less than 20	10	4	9	5	14	20
20-24	44	17	36	25	61	83
25-29	85	44	77	52	129	138
30-34	89	55	82	62	144	137
35-39	44	19	35	28	63	72
40 or more	15	6	13	8	21	11
QUEENSLAND						
Age at death (a)	..	160	89	71	160	170
Less than 1 hour	..	24	14	10	24	41
Less than 1 day	..	75	49	26	75	95
Less than 1 week	..	120	73	47	120	140
Weight at delivery (grams)	246	160	211	195	406	415
500- 999	90	62	83	69	152	146
1,000-1,999	59	22	42	39	81	96
2,000-2,999	54	29	35	48	83	91
3,000 or more	41	46	48	39	87	76
Period of gestation (weeks)	246	160	211	195	406	415
Less than 28	77	68	81	64	145	140
28-36	92	32	62	62	124	154
37-41	70	58	64	64	128	111
42 or more	4	2	2	4	6	5
Age group of mother (years)	246	160	211	195	406	415
Less than 20	26	9	20	15	35	44
20-24	69	43	62	50	112	101
25-29	52	52	51	53	104	112
30-34	51	32	43	40	83	95
35-39	34	20	30	24	54	38
40 or more	12	2	3	11	14	14

TABLE 25. SELECTED DETAILS OF FETAL, NEONATAL AND PERINATAL DEATHS, 1996 *continued*

Particulars	1996				1995	
	Fetal deaths	Neonatal deaths	Perinatal deaths		Persons	Perinatal deaths
			Males	Females		
<b>SOUTH AUSTRALIA</b>						
<b>Age at death (a)</b>	..	<b>48</b>	<b>33</b>	<b>15</b>	<b>48</b>	<b>57</b>
Less than 1 hour	..	14	9	5	14	20
Less than 1 day	..	31	18	13	31	39
Less than 1 week	..	37	24	13	37	51
<b>Weight at delivery (grams)</b>	<b>95</b>	<b>48</b>	<b>73</b>	<b>70</b>	<b>143</b>	<b>162</b>
500- 999	42	22	36	28	64	63
1,000-1,999	15	3	10	8	18	40
2,000-2,999	24	10	15	19	34	28
3,000 or more	14	12	12	14	26	23
<b>Period of gestation (weeks)</b>	<b>95</b>	<b>48</b>	<b>73</b>	<b>70</b>	<b>143</b>	<b>162</b>
Less than 28	41	21	34	28	62	62
28-36	26	12	21	17	38	60
37-41	27	14	17	24	41	37
42 or more	1	..	..	1	1	1
<b>Age group of mother (years)</b>	<b>95</b>	<b>48</b>	<b>73</b>	<b>70</b>	<b>143</b>	<b>162</b>
Less than 20	6	4	5	5	10	9
20-24	17	8	13	12	25	27
25-29	33	15	23	25	48	49
30-34	22	15	20	17	37	54
35-39	14	3	7	10	17	16
40 or more	3	1	4	..	4	4
<b>WESTERN AUSTRALIA</b>						
<b>Age at death (a)</b>	..	<b>76</b>	<b>52</b>	<b>24</b>	<b>76</b>	<b>58</b>
Less than 1 hour	..	14	11	3	14	9
Less than 1 day	..	38	29	9	38	30
Less than 1 week	..	59	43	16	59	41
<b>Weight at delivery (grams)</b>	<b>134</b>	<b>76</b>	<b>122</b>	<b>88</b>	<b>210</b>	<b>197</b>
500- 999	40	30	45	25	70	58
1,000-1,999	37	10	28	19	47	41
2,000-2,999	24	14	18	20	38	46
3,000 or more	33	22	31	24	55	50
<b>Period of gestation (weeks)</b>	<b>134</b>	<b>76</b>	<b>122</b>	<b>88</b>	<b>210</b>	<b>197</b>
Less than 28	33	30	40	23	63	59
28-36	60	13	42	31	73	63
37-41	40	26	36	30	66	70
42 or more	..	..	..	..	..	1
<b>Age group of mother (years)</b>	<b>134</b>	<b>76</b>	<b>122</b>	<b>88</b>	<b>210</b>	<b>197</b>
Less than 20	14	13	13	14	27	37
20-24	21	17	25	13	38	31
25-29	32	21	31	22	53	60
30-34	52	19	39	32	71	45
35-39	12	5	11	6	17	19
40 or more	3	1	3	1	4	5
<b>TASMANIA</b>						
<b>Age at death (a)</b>	..	<b>17</b>	<b>12</b>	<b>5</b>	<b>17</b>	<b>22</b>
Less than 1 hour	..	2	..	2	2	4
Less than 1 day	..	3	1	2	3	14
Less than 1 week	..	9	5	4	9	18
<b>Weight at delivery (grams)</b>	<b>39</b>	<b>17</b>	<b>33</b>	<b>23</b>	<b>56</b>	<b>53</b>
500- 999	9	5	7	7	14	21
1,000-1,999	6	1	4	3	7	8
2,000-2,999	7	4	8	3	11	7
3,000 or more	9	4	7	6	13	10
<b>Period of gestation (weeks)</b>	<b>39</b>	<b>17</b>	<b>33</b>	<b>23</b>	<b>56</b>	<b>53</b>
Less than 28	7	5	8	4	12	24
28-36	12	4	7	9	16	13
37-41	13	6	12	7	19	15
42 or more	2	..	1	1	2	1
<b>Age group of mother (years)</b>	<b>39</b>	<b>17</b>	<b>33</b>	<b>23</b>	<b>56</b>	<b>53</b>
Less than 20	1	..	..	1	1	6
20-24	7	4	6	5	11	10
25-29	7	5	7	5	12	16
30-34	10	3	8	5	13	8
35-39	4	1	3	2	5	5
40 or more	1	..	1	..	1	1

TABLE 25. SELECTED DETAILS OF FETAL, NEONATAL AND PERINATAL DEATHS, 1996 *continued*

Particulars	1996				1995	
	Fetal deaths	Neonatal deaths	Perinatal deaths			Perinatal deaths
			Males	Females	Persons	
<b>NORTHERN TERRITORY</b>						
<b>Age at death (a)</b>	..	<b>20</b>	<b>11</b>	<b>9</b>	<b>20</b>	<b>26</b>
Less than 1 hour	..	1		1	1	10
Less than 1 day	..	8	3	5	8	15
Less than 1 week	..	16	9	7	16	23
<b>Weight at delivery (grams)</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>17</b>	<b>38</b>	<b>53</b>
500- 999	3	2	4	1	5	19
1,000-1,999	5	6	4	7	11	10
2,000-2,999	4	3	4	3	7	9
3,000 or more	1	4	2	3	5	14
<b>Period of gestation (weeks)</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>17</b>	<b>38</b>	<b>53</b>
Less than 28	4	2	4	2	6	21
28-36	9	7	8	8	16	12
37-41	4	7	5	6	11	18
42 or more						1
<b>Age group of mother (years)</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>17</b>	<b>38</b>	<b>53</b>
Less than 20	2	—	2	—	2	7
20-24	5	4	5	4	9	18
25-29	4	6	5	5	10	15
30-34	4	5	4	5	9	5
35-39	2	1	1	2	3	3
40 or more						1
<b>AUSTRALIAN CAPITAL TERRITORY</b>						
<b>Age at death (a)</b>	..	<b>12</b>	<b>6</b>	<b>6</b>	<b>12</b>	<b>14</b>
Less than 1 hour	..	3	3		3	2
Less than 1 day	..	7	5	2	7	6
Less than 1 week	..	9	5	4	9	8
<b>Weight at delivery (grams)</b>	<b>23</b>	<b>12</b>	<b>20</b>	<b>15</b>	<b>35</b>	<b>36</b>
500- 999	5	6	5	6	11	12
1,000-1,999	6	2	7	1	8	8
2,000-2,999	8	3	5	6	11	9
3,000 or more	3	1	2	2	4	4
<b>Period of gestation (weeks)</b>	<b>23</b>	<b>12</b>	<b>20</b>	<b>15</b>	<b>35</b>	<b>36</b>
Less than 28	7	6	7	6	13	12
28-36	8	2	8	2	10	10
37-41	7	4	4	7	11	12
<b>Age group of mother (years)</b>	<b>23</b>	<b>12</b>	<b>20</b>	<b>15</b>	<b>35</b>	<b>36</b>
Less than 20	2	—	2	—	2	2
20-24	3	3	4	2	6	5
25-29	9	4	8	5	13	7
30-34	3	2	1	4	5	7
35-39	1	—	—	1	1	4
40 or more	2	1	1	2	3	—
<b>AUSTRALIA</b>						
<b>Age at death (a)</b>	..	<b>759</b>	<b>446</b>	<b>313</b>	<b>759</b>	<b>811</b>
Less than 1 hour	..	141	78	63	141	153
Less than 1 day	..	369	221	148	369	418
Less than 1 week	..	582	347	235	582	629
<b>Weight at delivery (grams)</b>	<b>1,411</b>	<b>759</b>	<b>1,205</b>	<b>965</b>	<b>2,170</b>	<b>2,094</b>
500- 999	441	299	426	314	740	671
1,000-1,999	299	108	233	174	407	440
2,000-2,999	322	141	244	219	463	435
3,000 or more	287	187	260	214	474	419
<b>Period of gestation (weeks)</b>	<b>1,411</b>	<b>759</b>	<b>1,205</b>	<b>965</b>	<b>2,170</b>	<b>2,094</b>
Less than 28	405	308	420	293	713	668
28-36	517	176	388	305	693	622
37-41	433	240	346	327	673	642
42 or more	11	7	8	10	18	27
<b>Age group of mother (years)</b>	<b>1,411</b>	<b>759</b>	<b>1,205</b>	<b>965</b>	<b>2,170</b>	<b>2,094</b>
Less than 20	112	47	94	65	159	180
20-24	263	144	232	175	407	417
25-29	380	216	333	263	596	567
30-34	389	199	308	280	588	540
35-39	186	85	158	113	271	248
40 or more	59	22	43	38	81	60

(a) Applicable to neonatal deaths only.

# EXPLANATORY NOTES

## INTRODUCTION

**1** This publication contains summary statistics on causes of death for the general population, together with selected statistics on perinatal deaths. These statistics have been compiled from data made available by the Registrar of Births, Deaths and Marriages in each State and Territory. Statistics of perinatal deaths for years prior to 1994 were published separately in *Perinatal Deaths, Australia* (Cat. no. 3304.0), which has been discontinued. Perinatal deaths comprise fetal deaths (stillbirths) and neonatal deaths (deaths within 28 days of birth).

## SCOPE AND COVERAGE

**2** The statistics relate to the number of deaths registered, not those which actually occurred, in the years shown. Normally about 5% to 6% of deaths occurring in one year are not registered until the following year or later.

**3** In 1988 revisions were made to the Northern Territory legislation to enable the registration of a death prior to the certification of cause. As a result, deaths registered in the Northern Territory in 1988 included a number of deaths which would not necessarily have been registered in 1988 under the former legislation. This should be borne in mind when comparing statistics for 1988 and later years with statistics for earlier years.

### Perinatal death statistics

**4** The perinatal death statistics contained in this publication include all infants (who died within 28 days of birth) and fetuses weighing at least 500 grams or (when birthweight is unavailable) having the corresponding gestational age (22 weeks) or body length (25cm crown-heel). This definition of perinatal deaths has been in use since 1979, in accordance with recommendations of the WHO for compiling national perinatal statistics.

**5** Perinatal death statistics compiled using other birthweight criteria are available (see paragraph 27).

**6** The birth statistics used to calculate the perinatal and neonatal death rates in this publication, are shown in Appendix 3. In line with WHO recommendations, the registered live birth statistics and stillbirth statistics have been adjusted to exclude infants who are known to have weighed under 500 grams. Such births are identified from the medical certificate of perinatal death, which records birthweight. In 1996 there were 244 fetal deaths and 116 neonatal deaths where birthweight was less than 500 grams. However, infants who survived 28 days or more but weighed less than 500 grams at birth have not been excluded since figures for weight at birth are not available for these infants. The adjusted live birth statistics shown in the Appendix 3 (and rates based on them), therefore, should be considered approximate.

**7** The adjusted live birth statistics differ from the live birth statistics used to derive the infant death rates in this publication. The statistics used to calculate infant death rates include all registered live births regardless of birthweight. These statistics are shown in tables A2.1 and A2.2 of Appendix 2.

**8** The adjusted birth statistics also differ from the statistics published in *Births, Australia* (Cat. no. 3301.0), which are unadjusted for birthweight and which also, for years prior to 1993, include births which occurred in Other Territories.

## EXPLANATORY NOTES *continued*

### STATISTICS FOR STATES AND TERRITORIES

**9** Cause of death statistics for States and Territories in this publication have been compiled in respect of the State or Territory of usual residence of the deceased, regardless of where in Australia the death occurred and was registered. The State or Territory of usual residence of perinatal death is determined by the State or Territory of usual residence of the mother. Statistics compiled on a State or Territory of registration basis are available on request.

**10** The Australian Standard Geographical Classification versions used since 1993 have a category Other Territories comprising Jervis Bay, Christmas Island and Cocos (Keeling) Islands. In the past, Jervis Bay was included with Australian Capital Territory and the two island Territories were included in Offshore and Migratory. Since 1993 statistics for Other Territories have been excluded from this publication.

### CAUSE OF DEATH CLASSIFICATION USED

**11** The causes of death in this publication are classified according to the ICD-9 which was adopted for world-wide use from 1979. Particulars relate to the underlying cause of death, which the 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, that is, to the circumstances of the accident or violence which produced the fatal injury rather than to the nature of the injury. As ICD-9 does not directly accommodate the coding of AIDS and AIDS-related deaths, ABS has adopted, for these diseases from 1996 onwards, ICD-9 CM which allows for a more detailed classification.

**12** The extensive nature of the ICD enables classification of causes of death at various levels of detail. For the purpose of this publication, three summary classifications are used. They are:

- the ICD at the Class level (with further disaggregation for major causes of death);
- the ICD Mortality List of Fifty Causes (with certain sub divisions); and
- main Causes of Death for Age groups.

**13** Table 1 utilises the Mortality List of Fifty Causes. Tables 2-4 present statistics at the ICD Class level. Background on both these summary classifications is given in Volume 1 of the ICD.

**14** Tables 5-13 present time series data for main causes of death for age groups. For each age group, a summary classification of the main causes of death relevant to the age group has been used. These consist of causes of death significant in that age group, at the Class level, with further disaggregation below the Class level where appropriate.

**15** To enable the reader to see the relationship between the various summary classifications used in this publication, all tables show in brackets the ICD codes which constitute the causes of death described.

## EXPLANATORY NOTES *continued*

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### Perinatal statistics

**16** For perinatal deaths, both the main condition in the fetus/infant, and the main condition in the mother are coded to the full four-digit level of the ICD. An abridged version of ICD was used in perinatal deaths publications prior to 1983. However, with the decline in perinatal mortality that has occurred, some categories of that classification are now responsible for few perinatal deaths. Causes selected for publication in this issue are those categories of this abridged classification which were responsible for a significant proportion of perinatal deaths.

### AGE GROUPS

**17** Prior to 1994 the oldest age group used in *Causes of Death, Australia* (Cat. no. 3303.0), was the 75 years and over age group. Since the 1994 publication this age group has been disaggregated to enable identification of the 75-84 years age group and the 85 and over age groups. This is the result of the increased populations in these age groups as a result of longer life expectancy. Data for earlier years are available on this basis.

### DATA QUALITY

**18** 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.

**19** In compiling these statistics, 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 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.

**20** Since 1993 all processing of cause of death information for Australia has been centralised in the Queensland office of the ABS. Centralised processing is considered to lead to more consistency in coding and improved data quality.



## EXPLANATORY NOTES *continued*

### Indigenous deaths

**21** There is a variation in the quality of death registration data for Indigenous persons. In these statistics, an Indigenous death is the death of a person who has been identified on the death certificate or death information form as being of Aboriginal or Torres Strait Islander origin. The ABS estimates that there is under identification of Indigenous status on the death certificates or forms of death. Only South Australia, Western Australia, the Northern Territory and the Australian Capital Territory have Indigenous death registration data considered to be of publishable standard. Due to the very small number of Indigenous deaths in the Australian Capital Territory, no figures are published. It is estimated that more than 90% of Indigenous deaths in those States and Territories are identified. In New South Wales, Victoria and Tasmania Indigenous deaths are significantly under identified. Queensland has only recently begun to identify Indigenous deaths in its registration process. Because the data are on a State of usual residence basis, deaths of South Australian, Western Australian, Northern Territory and Australian Capital Territory residents which occur in other States may be identified less completely than if the deaths had been registered in Western Australia, the Northern Territory or the Australian Capital Territory.

### POPULATIONS

**22** The crude and age-specific death rates and Years of potential life lost (YPLL) shown in this publication have been compiled using estimates of resident populations based on 1991 Population Census final data. The population estimates for the year 1995 have been revised also, using final 1991 Census data. Rates shown in table 14 for the year 1995 have been compiled using these revised population estimates.

**23** Appendix 2 provides details of the number of live births registered and the estimated age and mean resident populations which have been used to calculate the rates shown in this publication. The appendix figures also enable further rates to be calculated.

**24** ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

### RELATED PUBLICATIONS

**25** Other ABS publications which may be of interest include:

- Australian Social Trends* (Cat. no. 4102.0) — issued annually
- Births, Australia* (Cat. no. 3301.0) — issued annually
- Deaths, Australia* (Cat. no. 3302.0) — issued annually
- Deaths due to Diseases and Cancers of the Respiratory System, Australia* (Cat. no. 3314.0) — issued irregularly
- Firearms Deaths, Australia* (Cat. no. 4397.0) — issued irregularly
- Social Indicators, Australia* (Cat. no. 4101.0) — discontinued
- Suicides, Australia, 1982 to 1992* (Cat. no. 3309.0) — issued irregularly
- Trends in Mortality by Causes of Death in Australia, the States and Territories during 1971-92 and in Statistical Divisions and Sub-divisions during 1991-92* (Cat. no. 3313.0) — discontinued
- Women's Health* (Cat. no. 4365.0) — discontinued

## EXPLANATORY NOTES *continued*

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### UNPUBLISHED DATA

**26** Tables containing more detailed cause of death information by sex and/or age group at death are available on hard copy and microfiche from any ABS office. These tables are available on a State or Territory of usual residence or State or Territory of registration basis.

**27** In addition, information on other particulars of the deceased is available (see Appendix 1). Users who are interested in obtaining tabulations of cause of death by any of these particulars can be provided with the information in one or more of the following forms: photocopy, magnetic tape and electronic media, computer printout and clerically extracted tabulation. Generally, a charge is levied for providing unpublished information.

**28** Perinatal tabulations for Australia based on the WHO international definition, i.e. all fetuses and infants (who die within seven days of birth) weighing at least 1,000 grams or (when birthweight is unavailable) having the corresponding gestational age (28 weeks) or body length (35 cm crown-heel) are available on request. Statistics can also be provided for all States and Territories for all fetuses weighing at least 400 grams or not less than 20 weeks gestational age and also for infants who die within 28 days of birth.

### EFFECTS OF ROUNDING

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

## APPENDIX 1 UNPUBLISHED STATISTICS

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### GENERAL

Causes of death data are available from calendar year 1964, through the ABS special data service. Please note that for comparability purposes the data conform to the different revisions of the ICD, namely:

- ICD-7 1964 to 67
- ICD-8 1968 to 78
- ICD-9 1979 to the present

Documentation is available detailing the relationship between the ninth revision of the ICD and earlier revisions (ICD-7 and ICD-8). Detailed data tables excluded from the national cause of death publication since 1984 are available on microfiche or through our special data service.

### DATA ITEMS FOR CROSS-TABULATION WITH CAUSES OF DEATH

- State or Territory of registration of the death
- Month and year of registration of the death
- Place of usual residence of deceased
  - ◆ State or Territory
  - ◆ Statistical Division
  - ◆ Statistical Local Area
- Occupation of deceased
  - ◆ From 1990
    - Males and females aged 15 years and over
  - ◆ Pre-1990
    - Males aged 15–64 years only
  - ◆ 1985 to 90
    - Females aged 15–59 years only
- Sex of deceased
- Age of deceased
  - ◆ In completed days under one week
  - ◆ In completed days under one month
  - ◆ In completed months under one year
  - ◆ In completed years other ages
- Date of death of deceased
- Country of birth of deceased
- Duration of residence in Australia (where deceased is not Australian born)
- Marital status of deceased
- Number of issue of deceased
- Indigenous status
- Post-mortem indicator (not available for all States)
- Drowning indicator (from 1992)
- AIDS indicator (where AIDS is mentioned on the Death Certificate, whether the underlying cause or not)
- Certifier of cause of death (Doctor or Coroner)
- Cancer indicator (where cancer is mentioned on the Death Certificate, whether the underlying cause or not)

# APPENDIX 1 UNPUBLISHED STATISTICS *continued*

## Tables on microfiche

<i>Table</i>	<i>Description</i>
UR1	Deaths by State and Territory of usual residence by cause of death (S list) by sex by five year age groups
UR2	Deaths by State and Territory of usual residence by cause of death (ICD-3 digit) by sex
UR3	Deaths by State and Territory of usual residence by cause of death (ICD-3 digit) by sex by five year age groups
RG1	Deaths by State and Territory of registration by cause of death (S list) by sex by five year age groups
RG2	Deaths by State and Territory of registration by cause of death (ICD-3 digit) by sex
RG3	Deaths by State and Territory of registration by cause of death (ICD-3 digit) by sex by five year age groups

## Standard cause of death tables

<i>Table</i>	<i>Description</i>
COD 1	Causes of death (ICD-3 digit) by age by sex by State and Territory of usual residence
COD 2	Causes of death (ICD-3 digit) by age by sex by State and Territory of registration
COD 3	Causes of death (ICD-3 digit) (S list) by occupation by sex by age
COD 4	Causes of death (ICD-3 digit) (S list) by country of birth by sex by age
COD 5	Causes of death (ICD-3 digit) by month by State
COD 6	Causes of death (ICD-3 digit) (S list) by marital status by sex by age

## APPENDIX 2 DATA USED IN CALCULATING RATES

### A2.1 Live births registered(a)

Sex	1994	1995	1996
Male	132 604	131 415	130 539
Female	125 403	124 735	123 232
<b>Persons</b>	<b>258 007</b>	<b>256 150</b>	<b>253 771</b>

(a) Used to calculate infant death rates

### A2.2 Live births registered(a), by usual residence of mother

Sex	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aust
Male	44 448	31 587	24 533	9 710	12 813	3 346	1 861	2 241	130 539
Female	42 147	29 556	23 236	9 346	11 980	3 111	1 701	2 155	123 232
<b>Persons</b>	<b>86 595</b>	<b>61 143</b>	<b>47 769</b>	<b>19 056</b>	<b>24 793</b>	<b>6 457</b>	<b>3 562</b>	<b>4 396</b>	<b>253 771</b>

(a) Used to calculate infant death rates.

### A2.3 Ages of estimated resident population at 30 June

AGE GROUPS (YEARS).....

Year	Under 1	1-14	15-24	25-44	45-54	55-64	65-74	75-84	85 and over	All ages
<b>MALE</b>										
1994	131 084	1 840 089	1 396 256	2 761 478	1 093 791	748 020	596 852	262 613	53 106	8 883 289
1995	131 324	1 851 673	1 387 603	2 788 372	1 134 117	758 367	606 363	273 123	56 261	8 987 203
1996	128 910	1 861 523	1 378 709	2 823 679	1 175 839	774 315	613 100	286 547	60 523	9 103 145
<b>FEMALE</b>										
1994	124 347	1 746 069	1 336 158	2 760 499	1 050 725	739 567	672 122	396 113	126 786	8 952 386
1995	124 318	1 758 218	1 325 623	2 790 466	1 094 874	748 149	677 710	407 157	132 530	9 059 045
1996	122 316	1 768 436	1 315 670	2 829 420	1 141 366	760 776	680 654	423 635	140 914	9 183 187
<b>PERSONS</b>										
1994	255 431	3 586 158	2 732 414	5 521 977	2 144 516	1 487 587	1 268 974	658 726	179 892	17 835 675
1995	255 642	3 609 891	2 713 226	5 578 838	2 228 991	1 506 516	1 284 073	680 280	188 791	18 046 248
1996	251 226	3 629 959	2 694 379	5 653 099	2 317 205	1 535 091	1 293 754	710 182	201 437	18 286 332

# APPENDIX 3 DATA USED FOR PERINATAL DEATH RATES

## A3.1 Adjusted births(a), by usual residence of mother

### STATE OR TERRITORY OF USUAL RESIDENCE.....

	Sex	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aust
<b>Live births</b>	Male	44 419	31 564	24 513	9 701	12 801	3 345	1 857	2 240	130 440
	Female	42 121	29 530	23 207	9 337	11 968	3 111	1 700	2 153	123 127
<b>Stillbirths(b)</b>	Male	319	163	122	40	70	21	10	14	759
	Female	246	128	124	55	64	18	8	9	652
<b>Total</b>	Male	44 738	31 727	24 635	9 741	12 871	3 366	1 867	2 254	131 199
	Female	42 367	29 658	23 331	9 392	12 032	3 129	1 708	2 162	123 779
	Persons	87 105	61 385	47 966	19 133	24 903	6 495	3 575	4 416	254 978

(a) Registered births adjusted to conform to WHO criteria for the calculation of perinatal death rates. See Glossary.

(b) Including those where it was not known if the heartbeat ceased before or after the delivery.

## A3.2 Adjusted births(a), by sex of child and age of mother

### AGE OF MOTHER (YEARS).....

	Sex	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated	Total
<b>Live births</b>	Male	6 501	23 011	42 467	39 166	16 485	2 706	104	130 440
	Female	5 989	21 782	40 236	37 187	15 346	2 527	60	123 127
<b>Stillbirths(b)</b>	Male	66	142	213	191	102	31	14	759
	Female	46	121	167	198	84	28	8	652
<b>Total</b>	Male	6 567	23 153	42 680	39 357	16 587	2 737	118	131 199
	Female	6 035	21 903	40 403	37 385	15 430	2 555	68	123 779
	Persons	12 602	45 056	83 083	76 742	32 017	5 292	186	254 978

(a) Registered births adjusted to conform to WHO criteria for the calculation of perinatal death rates. See Glossary.

(b) Including those where it was not known if the heartbeat ceased before or after delivery.

## A3.3 Adjusted births(a), by sex

### LIVE BIRTHS..... STILLBIRTHS(b)..... TOTAL.....

	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1991	131 941	125 253	257 194	777	701	1 478	132 718	125 954	258 672
1992	135 500	128 463	263 963	779	714	1 493	136 279	129 177	265 456
1993	133 478	126 583	260 061	668	577	1 245	134 146	127 160	261 306
1994	132 534	125 333	257 867	692	515	1 207	133 226	125 848	259 074
1995	131 346	124 658	256 004	681	602	1 283	132 027	125 260	257 287
1996	130 440	123 127	253 567	759	652	1 411	131 199	123 779	254 978

(a) Registered births adjusted to conform to WHO criteria for the calculation of perinatal death rates. See Glossary.

(b) Including those where it was not known if the heartbeat ceased before or after delivery.

## APPENDIX 4 ENHANCED DEATH DATA

### INTRODUCTION

With the introduction of new automatic mortality coding software, the ABS will classify multiple causes for all deaths within Australia, registered from 1 January 1997. The adoption of multiple causes of death coding follows recognition of the need to capture all death details from the death certificate. Previously, manual coding techniques allowed only the underlying cause of death to be coded. This resulted in the loss of information regarding intervening and contributory causes also recorded on the death certificate.

### AUTOMATED CAUSE OF DEATH

The National Centre for Health Statistics in the United States of America has developed a system of Automated Cause of Death (ACOD) coding to enable the automated coding of text entries for multiple causes of death. The coding of multiple causes of death involves assigning cause of death codes according to the WHO's ICD-9 for each diagnostic entity (term) reported on the death certificate and supplementary external cause of death codes e.g. injury and poisoning codes, where appropriate. The ACOD system assigns codes based on linkages established between textual descriptors and number codes in line with the WHO's rules for coding causes of death.

### BENEFITS OF ACOD

The major advantage of the automated system is the ability to code multiple causes of death. Consequently, additional information relating to the morbid events leading to the death will be available, adding considerable value to the data for research and analysis purposes. Any factor that has been recorded as contributing to death will be coded and information will be able to be retrieved. For example, should an individual die as a result of a myocardial infarction (heart attack) due to arteriosclerotic heart disease (ASHD), previously only the myocardial infarction would be coded. In future multiple cause coding will include the ASHD code enabling differentiation between other causes of myocardial infarction.

Multiple cause coding will result in more detailed information being available for external causes of death. A particular benefit is in the coding of deaths resulting from accidents and injuries. It will provide data on the injuries sustained in an accident in addition to a description of the type of accident that occurred. For example, should a cyclist die following a collision with a motor vehicle, in future, multiple cause coding will also record the nature of the injury sustained, such as skull fracture (with intracranial haemorrhage) rather than just the collision with a motor vehicle.

A second significant benefit of ACOD coding is the improved consistency of data. As most codes are allocated automatically, according to the WHO rules for code assignment, the variations in interpretation currently occurring in the manual system will be largely eliminated.

Further, automated coding will allow for more accurate comparison of international data, particularly with countries such as Canada, the United Kingdom and the United States America which are adopting or using the same system. As other countries move to ACOD coding, the usefulness and comparability of international data will be further enhanced.

## APPENDIX 4 ENHANCED DEATH DATA *continued*

### ABS REQUEST FOR ASSISTANCE

The ABS will be producing data on multiple causes of death for the 1997 reference year to be published in late 1998. This greatly improved information will assist in promoting public health issues and education, preventing disease and enhancing scientific knowledge.

However, the quality of multiple causes of death data is highly dependent on the quality of information recorded on the Medical Certificate of Cause of Death. Accurate completion of all details requested on the certificate is essential. Consequently, all persons involved in the administrative processes related to the completion of death certificates and death information forms are urged to ensure accurate completion of these forms. To assist in the improved quality and completion of information on certificates, the ABS produces *Causes of Death Certification, A Booklet for the Guidance of Medical Practitioners in Completing Medical Certificates of Cause of Death, in Australia (1996)*. The booklet explains in more detail the certification process and gives examples of completed certificates. Copies of this Certification Booklet can be obtained, free of charge, from the ABS, Queensland Office, by ringing (toll free) on 1800 620 963.

The ABS is also interested in receiving any feedback clients and potential clients may have in respect of the dissemination of this additional data. A more detailed paper discussing the issues involved in disseminating multiple causes of death has been separately produced. Should you require copies of this paper please contact the Health and Vitals National Project Centre on the above toll free number.



# TECHNICAL NOTE YEARS OF POTENTIAL LIFE LOST

## Premature mortality, deaths of persons aged 1-75 years

Cause of death and ICD code	YPLL(a)	
	Males	Females
<b>All causes</b>	<b>601 287</b>	<b>297 919</b>
Malignant neoplasms (cancer) (140-208)	151 175	124 697
Accidents (E800-E949)	108 291	31 795
Motor vehicle traffic accidents (E810-E819)	57 202	18 693
Ischaemic heart disease (410-414)	84 871	24 539
Suicide (E950-E959)	68 011	15 150
Cerebrovascular disease (stroke) (430-438)	18 139	12 539
Chronic obstructive pulmonary disease and allied conditions (including asthma, emphysema and bronchitis) (490-496)	16 025	11 581
Chronic liver disease and cirrhosis (571)	12 299	4 093
Diabetes mellitus (250)	8 695	5 539
Hereditary and degenerative diseases of the central nervous system (330-337)	4 885	2 551
Diseases of arteries, arterioles and capillaries (including atherosclerosis and aortic aneurysm) (440-448)	5 294	2 043
Pneumonia and influenza (480-487)	4 142	3 312

(a) Years of potential life lost standardised for age.

Estimates of YPLL were calculated for deaths of persons aged 1-75 years based on the assumption that deaths occurring between ages 1 and 76 years are untimely.

$$YPLL = \sum_x (D_x (76 - A_x))$$

$A_x$  = adjusted age at death. As age at death is only available in completed years the midpoint of the reported age was chosen (e.g. age at death 34 years was adjusted to 34.5)

$D_x$  = registered number of deaths at age  $x$  due to a particular cause of death

YPLL was standardised for age using the following formula:

$$YPLL_s = \sum_x (D_x (76 - A_x) C_x)$$

where the age correction factor  $C_x$  is defined for age  $x$  as:

$$C_x = \frac{N_{xs}}{N_x} \cdot \frac{1}{N}$$

$N$  = number of persons aged 1-75 years in the 1996 population

$N_x$  = number of persons aged  $x$  years in the 1996 population

$N_{xs}$  = number of persons aged  $x$  years in the standard population

$N_s$  = number of persons aged 1-75 years in the standard population

The Australian population at 30 June 1991 was chosen as the standard population.

## GLOSSARY

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- Adjusted births** Registered births adjusted by removing all stillbirths and neonatal deaths where birthweight was known to be less than 500 grams, used as the denominator population in calculating perinatal death rates in this publication. This adjustment is made in order to enable meaningful perinatal death rates to be calculated, in line with WHO recommendations. See paragraph 4 of the Explanatory Notes.
- Death rates** Four forms of death rate are shown in the general deaths section in this publication. These are crude death rates, standardised death rates, age-specific death rates and infant death rates, as defined below:
- *crude death rates* relate to the total number of deaths for specific causes and are the number of deaths for those causes per 100,000 of estimated resident population at 30 June of that year – see tables 1, 3 and 14 (total all ages only);
  - *standardised death rates* enable the comparison of death rates between populations with different age structures by relating them to a standard population, in this case all persons in the 1991 Australian population. They are expressed per 100,000 persons. The standardised death rates in this publication are calculated using the *direct method*, used when populations under study are large and the age-specific death rates are reliable. It is the overall death rate that would have prevailed in the standard population if it had experienced at each age the death rates of the population under study;
  - *age-specific death rates* relate to deaths for age groups other than under one year and are the number of deaths per 100,000 of the mid-year estimated resident population in a particular age/sex group – see tables 3 and 14; and
  - *infant death rates* relate to deaths of children under one year of age and are the number of deaths per 1,000 births in the year – see tables 3 and 14
- For comparison and measuring purposes, perinatal deaths in this publication have also been expressed as rates. These rates are defined as follows:
- for fetal deaths and total perinatal deaths, the rates represent the number of deaths per 1,000 live births and fetal deaths combined (where birthweight was at least 500 g); and
  - for neonatal deaths, the rates represent the number of deaths per 1,000 live births (where birthweight was at least 500 g).
- Fetal death** A fetal death is the delivery of a child who did not, at any time after delivery, breathe or show any other evidence of life such as a heartbeat. (A birthweight criterion applies. See paragraphs 4–6 of the Explanatory Notes.)
- Infant death** The death of a child before its first birthday.
- Live births** A live birth is the birth of a child who after delivery, breathes or shows any other evidence of life such as a heartbeat. (A birthweight criterion applies. See paragraphs 4–6 of the Explanatory Notes.)
- Neonatal death** A neonatal death is the death within 28 days of birth of any child who after delivery, breathed or showed any other evidence of life such as a heartbeat. (A birthweight criterion applies. See paragraphs 4–6 of the Explanatory Notes.)
- Perinatal death** A perinatal death is a fetal death or neonatal death. (A birthweight criterion applies. See paragraph 4–6 of the Explanatory Notes.)
- Period of gestation** 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.

**GLOSSARY** *continued*

Stillbirth See Fetal death.

Years of potential life lost (YPLL) YPLL measures the extent of 'premature' mortality, where 'premature' mortality is assumed to be any death at ages of 1-75 years inclusive. By estimating YPLL for deaths of people aged 1-75 years it is possible to assess the significance of specific diseases or trauma as a cause of premature death. See Technical Note for an explanation of the calculation of YPLL.

## For more information . . .

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available from all ABS Offices.

### ABS Products and Services

Many standard products are available from ABS bookshops located in each State and Territory. In addition to these products, information tailored to the needs of clients can be obtained on a wide range of media by contacting your nearest ABS Office. The ABS also provides a Subscription Service for standard products and some tailored information services.

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