

**Surveillance of  
cardiovascular mortality  
in Australia  
1985–1996**

The Australian Institute of Health and Welfare is an independent health and welfare statistics and information agency in the Commonwealth Health and Family Services portfolio. The Institute's mission is to inform community discussion and decision making through national leadership in the development and provision of authoritative and timely information on the health and welfare of Australians.

CARDIOVASCULAR DISEASE SERIES

Number 6

# **Surveillance of cardiovascular mortality in Australia 1985–1996**

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and  
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Australian Institute of Health and Welfare  
Canberra

AIHW Cat. No. CVD 3

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# Contents

<b>Preface</b> .....	<b>vi</b>
<b>Acknowledgements</b> .....	<b>vii</b>
<b>Summary</b> .....	<b>viii</b>
<b>Introduction</b> .....	<b>1</b>
The National Cardiovascular Monitoring System .....	1
Mortality surveillance .....	1
Classification of cause of death.....	1
Mortality profiles .....	2
Death registration data.....	2
Scope and coverage .....	2
Data quality .....	4
<b>Overview of current trends</b> .....	<b>5</b>
Australia .....	5
States and Territories.....	9
Indigenous population .....	14
Urban, rural and remote areas .....	17
<b>Mortality surveillance profiles</b> .....	<b>21</b>
Australia .....	21
New South Wales .....	47
Victoria .....	55
Queensland .....	63
Western Australia .....	71
South Australia.....	79
Tasmania .....	87
Australian Capital Territory.....	95
Northern Territory.....	103
Indigenous population (SA, WA, NT) .....	111
Non-Indigenous population (SA, WA, NT).....	117
Urban area .....	123
Rural area .....	131
Remote area .....	139
<b>Appendix A: Statistical methodology</b> .....	<b>147</b>
<b>Appendix B: Tables available on the Internet</b> .....	<b>149</b>
<b>References</b> .....	<b>150</b>
<b>Related publications</b> .....	<b>151</b>

## Preface

Despite great improvements in death rates in recent decades, cardiovascular disease remains Australia's greatest health problem.

Cardiovascular disease kills almost 54,000 Australians each year, primarily as a result of ischaemic heart disease, cerebrovascular disease and peripheral vascular disease. Ischaemic heart disease and cerebrovascular disease alone claim a life every 12 minutes. The direct costs of health care, which include hospital, nursing home, medical and pharmaceutical costs, amounted to \$3.7 billion in 1993–94. Of particular concern are the demand on health resources for the invasive management of heart disease, and the heavy burden of disability due to stroke. Also, many Australians remain at higher risk of cardiovascular disease through cigarette smoking, high blood pressure, high blood cholesterol, overweight and insufficient physical activity.

For reasons such as these, Australian Health Ministers made cardiovascular health one of five National Health Priority Areas (the others are cancer control, injury prevention and control, mental health and diabetes mellitus). The Commonwealth Department of Health and Family Services also funded the Australian Institute of Health and Welfare to establish a national system to monitor cardiovascular disease, its risk factors and management. The system was set up in 1996 and comprises a National Centre for Monitoring Cardiovascular Disease (based at the Institute), an Advisory Committee and a number of collaborative projects with other centres.

This report on cardiovascular disease mortality, prepared within the National Centre, addresses one of the important functions of the monitoring system: to monitor and report on trends and differentials in cardiovascular mortality. It is the sixth in the Institute's Cardiovascular Disease Series. Patterns and trends in cardiovascular disease mortality among Aboriginal and Torres Strait Islanders and urban, rural and remote areas have been included for the first time in this series, in addition to national and State and Territory data.

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The invaluable assistance of other colleagues within the Institute is also gratefully acknowledged, particularly that of Dr Stan Bennett, Head of the National Centre for Monitoring Cardiovascular Disease, who originally designed the mortality surveillance system and critically reviewed draft versions of this report. Other staff from the National Centre are also acknowledged for their constructive comments and editorial suggestions, in particular Melinda Petrie.

## Summary

This report on surveillance of cardiovascular disease mortality, prepared within the National Centre for Monitoring Cardiovascular Disease, addresses one of the important functions of the monitoring system: to monitor and report on trends and differentials in cardiovascular mortality. It provides a detailed statistical profile of patterns and trends in cardiovascular disease mortality for Australia, each State and Territory, Indigenous and non-Indigenous people and people living in urban, rural and remote areas of Australia. The main findings of the report are:

### Australia

Cardiovascular disease continues to be the leading cause of death in Australia, although death rates are falling in all ages for males and females.

- In 1996, cardiovascular disease accounted for 53,990 deaths or 42% of all deaths among Australians.
- Cardiovascular mortality has been declining over recent decades, with current annual rates of decline at 3.7% for males and 3.6% for females, over the period 1985–1996. The decline in cardiovascular mortality is more rapid than that for total mortality.
- Death rates from cardiovascular disease are declining in all age groups, but the decline is most rapid in the 45–59 age group (over 6% per year).
- Ischaemic heart disease remains the major cardiovascular cause of death (55% of such deaths), and is declining at a rate of 4% per year for males and 3.6% for females.
- If current trends continue, Australian death rates for premature mortality (25–74 years) from ischaemic heart disease will be very close to national targets for the year 2000.

### States and Territories

Age-standardised death rates for cardiovascular disease vary between States and Territories within 20% of the national average. Death rates are falling in all States and Territories but more slowly in the Northern Territory. This slower rate of decline is attributed to the large proportion of Indigenous people in the Territory, among whom rates of decline in the 25–64 age group are considerably lower.

- Cardiovascular disease death rates are higher than the national average in the Northern Territory (20% higher in males and 15% higher in females) and in Tasmania (12% and 10%). Rates are lower than the national average in the Australian Capital Territory (8% lower in males) and Western Australia (6% in males and 7% in females).
- Rates of decline for cardiovascular disease are generally around 3% per year or more except for the Northern Territory where rates of decline are slower.
- Death rates for ischaemic heart disease are highest in Tasmania (9% higher than the national average for males and 5% for females) and Queensland (5% and 7% respectively). Death rates in the Northern Territory and the Australian Capital Territory are about 10% below the national average. Again, rates of decline are slower in the Northern Territory.
- Death rates from cerebrovascular disease are highest in the Northern Territory and Tasmania, and are declining in every State and Territory, except the Northern Territory, where mortality rates are increasing for males and females.

### Indigenous people and other Australians

Indigenous people clearly experience greater death rates for cardiovascular disease than other Australians, but female death rates are falling in both populations.

- Cardiovascular disease death rates are six times higher for Indigenous males and nine times higher for Indigenous females for the 25–64 age group, compared with other Australians.
- The greatest difference in cardiovascular disease death rates between the Indigenous and non-Indigenous populations occurs in the younger age groups.
- Among the Indigenous population, cardiovascular mortality is declining at the rate of 5.2% for females over the period 1991–1996, while for males there is no change.





### **Urban, rural and remote areas**

There have been no marked differentials in cardiovascular mortality between people living in the urban, rural and remote areas of Australia.

- Death rates from cardiovascular disease are slightly higher in rural and remote areas for males but not for females.
- Declines in cardiovascular mortality between 1986 and 1996 are comparable for urban, rural and remote areas.

# Introduction

Cardiovascular disease is one of five National Health Priority Areas (the others are injury, mental health, cancer and diabetes) agreed to at a meeting of Australian Health Ministers in July 1996. Cardiovascular disease comprises all diseases of the circulatory system, including heart disease, stroke and vascular diseases. Its inclusion as a priority area is continued recognition of the massive impact cardiovascular disease has in Australia in terms of burden of illness and economic costs and in terms of the need for coordinated activity to reduce these effects. This report is produced from the national monitoring system established to monitor this disease and its impact. Previous mortality surveillance reports in the Cardiovascular Disease Series are listed in the *Related publications* section at the end of this report.

## The National Cardiovascular Monitoring System

The system comprises the National Centre for Monitoring Cardiovascular Disease, an Advisory Committee, and a number of collaborative projects with other centres.

The National Centre is located within the Australian Institute of Health and Welfare and commenced operation in January 1996. It monitors trends and inequalities in mortality, morbidity and risk factors, monitors progress towards national goals and targets, promotes standards and develops data systems. The function of the Advisory Committee is to advise on the development and implementation of the monitoring system, and guide and review the Centre's work program. The committee includes representatives from Commonwealth, State and Territory Health Departments, the National Heart Foundation, medical colleges, and academics with expertise in the fields of cardiovascular disease, data collection and analysis.

The inclusion of collaborative projects with other centres recognises that, for the national monitoring system to be fully effective, it is important that it incorporates the expertise that exists in key agencies and centres of excellence.

The components of the national system relate to primary prevention, risk factors, disease incidence, pre-hospital and emergency care, medical and surgical hospital care, rehabilitation, follow-up care, disease prevalence and functional status, palliative care and death.

## Mortality surveillance

This report addresses one of the important functions of the National Centre: to monitor and report on trends and differentials in cardiovascular mortality. The report provides a detailed statistical profile of death from cardiovascular disease and its major components, for Australia, for each State and Territory, for the Indigenous (Aboriginal and Torres Strait Islander peoples) and non-Indigenous populations, and for urban, rural and remote areas.

## Classification of cause of death

The mortality classification is based upon the International Classification of Diseases, Ninth Revision (ICD-9) (World Health Organization 1977). Where more than one condition is mentioned on the medical certificate of cause of death, one 'underlying cause' is selected from those shown. ICD-9 contains detailed rules for this selection. The following classification of causes of death has been used in this report:

Cause of death	ICD-9 code*
Cardiovascular disease (diseases of the circulatory system):	390–459
Rheumatic heart disease	390–398
Hypertensive disease	401–405
Ischaemic heart disease (coronary heart disease):	410–414
Acute myocardial infarction (heart attack)	410
Other ischaemic (coronary) heart disease	411–414
Heart failure	428
Cerebrovascular disease (stroke)	430–438
Atherosclerosis	440
Peripheral vascular disease	441–444
Other cardiovascular disease (other diseases of the circulatory system)	415–417, 420–427, 429, 446–459
All causes	001–999

\*The ICD-9 coding system was first used in Australia in 1979.

## Mortality profiles

Mortality profiles are provided for each cardiovascular disease, where numbers permit.

A full mortality profile for a particular cause of death consists of:

- number of deaths by year, age group and sex;
- age-specific death rates by year, age group and sex;
- crude and age-standardised death rates by year and sex, for all ages and the age group 25–74;
- annual rates of change (with indicators of statistical significance); and
- differences between the most recent death rate and that expected based on projections for that year (with indicators of statistical significance).

The methods used for estimating death rates, annual rates of change, and tests of statistical significance are described in *Appendix A*.

Full mortality profiles and a graph depicting the age-standardised death rates (all ages) and their underlying trend are included for all cardiovascular disease groups at national level, and for the more common disease groups at State and Territory; Indigenous and non-Indigenous; and urban, rural and remote levels. Mortality profiles for the less common causes of death are available on the Australian Institute of Health and Welfare World Wide Web site at <http://www.aihw.gov.au>. Users without Internet access may request the tables on disk.

Full mortality profiles are given when there are at least 16 deaths in any age-specific group, in any year 1985–1996, for either males or females<sup>1</sup>. When this criterion is not satisfied the total number of deaths is given by year and sex, in place of a full mortality profile.

Data sources, terms and concepts are explained more fully in the following sections.

## Death registration data

Registration of deaths in Australia is the responsibility of the State and Territory Registrars of Births, Deaths and Marriages. Information on the cause of death is supplied by the medical practitioner certifying the death or by a coroner. 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. The information is provided by the Registrars to the Australian Bureau of Statistics for coding of cause of death and compilation into aggregate statistics. The data in this publication are provided to the Australian Institute of Health and Welfare by the State and Territory Registrars after processing by the Australian Bureau of Statistics.

## Scope and coverage

### National, State and Territory

Registration of deaths is a legal requirement in Australia and is virtually complete. All deaths which occur in Australia are within the scope of the collection, with the exception of deaths of foreign diplomatic personnel.

In the interest of timeliness, the mortality statistics in this publication relate to the year of registration of death. Usually about 5–6% of all deaths (and deaths from cardiovascular disease) which occur in one year are not registered until the following year or later. For national and State and Territory statistics this effect is minimal as the proportion of deaths not registered in the year of occurrence is fairly constant from year to year.

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1. Although such a decision includes an element of subjectivity, the relative standard error on a count of 16 deaths is 25% (assuming a Poisson distribution for the number of deaths), which is a reasonable compromise between the need for precision and the desire to report in as much detail as possible.

This report covers the period from 1985–1996 for national and State and Territory data, the latest year for which data are available. In 1984 there were abnormal delays in the registration process in New South Wales which had the effect of displacing approximately 2,000 death registrations from 1984–1985. In 1985, these represent about 1.7% of all deaths in Australia and 4.5% of deaths in New South Wales. The effect on estimates of trend for that State is negligible. In 1988 legislation revisions in the Northern Territory meant that some deaths were registered in that year which may not have been registered until 1989 under the former legislation. The effect is negligible for Australia but contributed to the relatively higher cardiovascular death rate for females in the Northern Territory in 1988.

Age-standardised death rates in the Northern Territory and the Australian Capital Territory show greater variation from year to year than the States due to their smaller population base. For reliability the death rates for the Northern Territory and the Australian Capital Territory are averaged over three years (1994–1996) in the *Overview of current trends* section of this report. For the States, death rates are presented for the most recent year, 1996.

### Indigenous population

At present there is considerable variation in the quality of data on Indigenous deaths from State to State. Only mortality data for Western Australia, South Australia, the Northern Territory and the Australian Capital Territory are considered to be of sufficient quality for publication, with registration of Indigenous deaths estimated to be over 90% complete in these States and Territories. Due to the small number of deaths and the short period that death data has been collected in the Australian Capital Territory, data from Western Australia, South Australia and the Northern Territory form the basis of Indigenous analysis in this report. For comparability the non-Indigenous section of this report also includes data from only Western Australia, South Australia and the Northern Territory.

Among the Indigenous population the proportion of deaths not registered in the year of occurrence varies by year and State and Territory and is generally in the vicinity of 10–20%, and is sometimes even higher (Anderson et. al 1996). An analysis of Indigenous mortality by year of registration could therefore be misleading, and year of occurrence of death has been used instead. An adjustment was made for deaths that occurred in 1996 that were not registered in that year. The adjustment was based on the proportion of deaths occurring in 1995 but registered in 1996. The additional deaths were spread across age groups and causes of death in proportion to the number actually recorded. For comparability, the non-Indigenous mortality profiles were also based on year of occurrence with an adjustment factor for the most recent year. For the Indigenous population, mortality trends have been examined for the period 1991–1996. Between 1991 and 1996 there was a large increase in the number of Indigenous people counted in the Population Census, to an extent greater than can be explained by natural increase. The number of Indigenous people identified in the 1996 Census was about 17% higher than previously published projections for 1996 based on the 1991 Census. In this report, Indigenous population estimates for 1992–1996 are based on the 1996 Census.

### Urban, rural and remote areas

Urban, rural and remote zones are identified in this report using the Rural, Remote and Metropolitan Areas (RRMA) classification (DPIE & DSHS 1994). The RRMA classification assigns each Statistical Local Area (SLA) into one of seven categories which can be re-grouped into three larger zones or areas: urban (metropolitan), rural and remote. The classification takes into account population numbers and an index of remoteness. The three zones or areas are defined as follows:

- Urban zone
  - Capital cities
  - Other metropolitan centres (urban centre population  $\geq$  100,000)
- Rural zone (index of remoteness  $<$  10.5)
  - Large rural centres (urban centre population 25,000–99,000)
  - Small rural centres (urban centre population 10,000–24,999)
  - Other rural areas (urban centre population  $<$  10,000)

- Remote zone (index of remoteness > 10.5)
  - Remote centres (urban centre population  $\geq$  5,000)
  - Other remote areas (urban centre population < 5,000).

SLA boundaries may be re-drawn between censuses, and at each census, area classifications and their population counts are updated.

This report examines mortality trends for the three larger areas (urban, rural and remote), as numbers of deaths can become too small for accurate trend estimation in the seven-category classification. Year of registration of death has been used in examining the urban, rural and remote statistics in this publication. The analysis is for the period 1986–1996 as population estimates at RRMA level are not available prior to 1986.

### **Age groups**

In this report results are given for males and females separately, and for the ten age groups <25, 25–34, 35–44, 45–54, 55–59, 60–64, 65–69, 70–74, 75–84, and 85+. Results are also given for the age group 25–74. This age range aligns with National Health Priority Area indicators for cardiovascular mortality. However for the Indigenous population a slightly different age grouping has been used (25–64 and age groups: <25, 25–34, 35–44, 45–54, 55–64, 65–74, 75+), reflecting the lower life expectancy of the Indigenous population (15–20 years younger than their Australian counterparts).

### **Data quality**

The Australian Bureau of Statistics uses a variety of quality control measures to ensure mortality data are as reliable as possible. When a medical certificate of cause of death does not give sufficient information to enable accurate coding of the underlying cause of death, and the deceased was aged less than 75, the Australian Bureau of Statistics writes to the certifying doctor (or medical superintendent when death occurred in a hospital) seeking additional information. When the deceased was aged 75 or over, queries are made only where an operation has been performed but the condition requiring surgery was not stated. Responses are returned via the Registrar of Births, Deaths and Marriages, who supplies the original information. Other quality control measures include check-coding of cause of death, detailed computer editing of data, and checks on the statistical output, at the individual record and aggregate levels.

Since 1993, the Queensland office of the Australian Bureau of Statistics has been responsible for processing all of Australia's cause of death data to ensure greater consistency in coding and improved data quality. Before this, cause of death processing was carried out in each of the Australian Bureau of Statistics offices. As of 1 January 1997 the Australian Bureau of Statistics has introduced a new automatic coding software, which identifies multiple causes of deaths within Australia.

It has been demonstrated that coding of death for acute myocardial infarction (ICD-9 410) and ischaemic heart disease (ICD-9 410–414) is quite accurate in Australia (Boyle & Dobson 1995).

# Overview of current trends

## Australia

### Cardiovascular disease (or diseases of the circulatory system)

Cardiovascular disease was the leading cause of death among Australians in 1996, accounting for 53,990 deaths or 42% of deaths from all causes (Table 1). Males were more likely to die from cardiovascular diseases than were females across almost all age groups, the exception being the 85 and over age group, where twice as many females died from cardiovascular diseases in 1996 than did males.

While cardiovascular disease remains Australia's greatest health problem there have been significant improvements in cardiovascular death rates in recent decades. The peak occurred in 1968 and since then death rates from cardiovascular disease have declined by over 60% among males and females.

Current annual rates of decline of cardiovascular mortality are 3.7% for males and 3.6% for females (Table 1). The decline in cardiovascular mortality has been occurring at all ages, with the greatest annual rate of decline among males and females aged between 45 and 59 (over 6%) (Figure 1). The decline in cardiovascular mortality has been more rapid than that for total mortality that is declining at a rate of 2.2% among males and 1.9% among females (Table 1).

**Table 1: Proportion of cardiovascular deaths in 1996, and annual rate of change in the age-standardised death rate (all ages), 1985–1996**

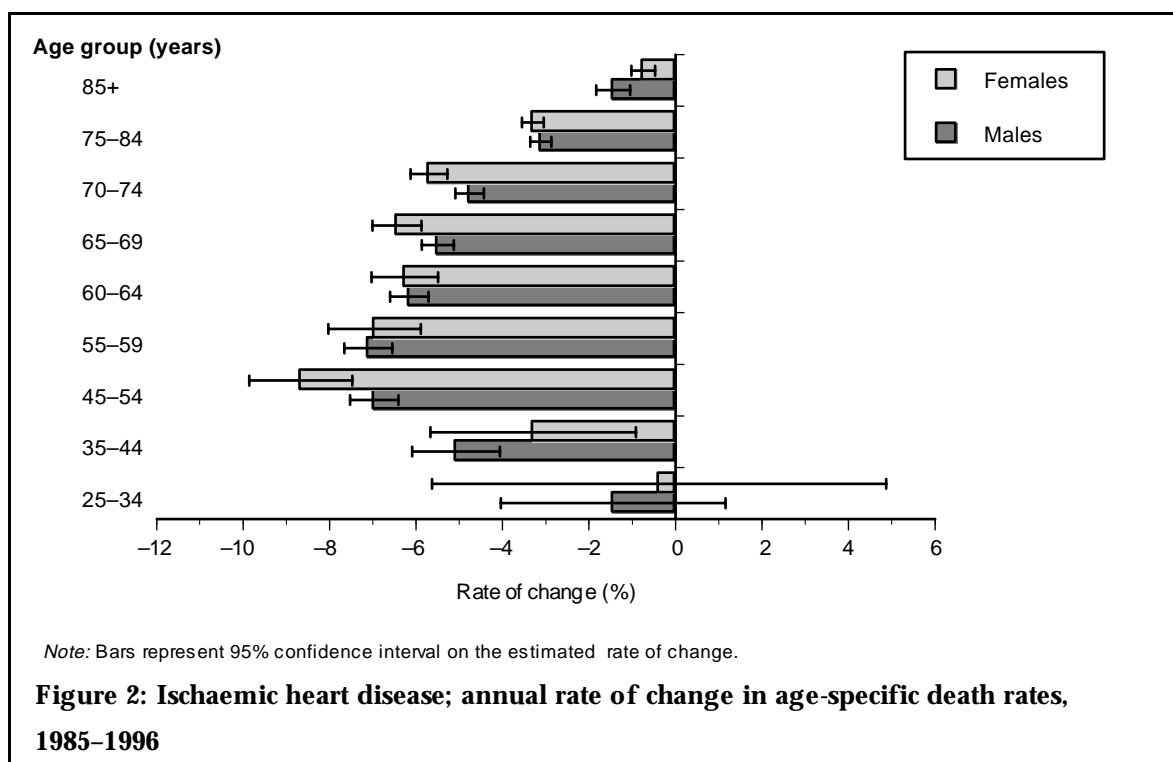
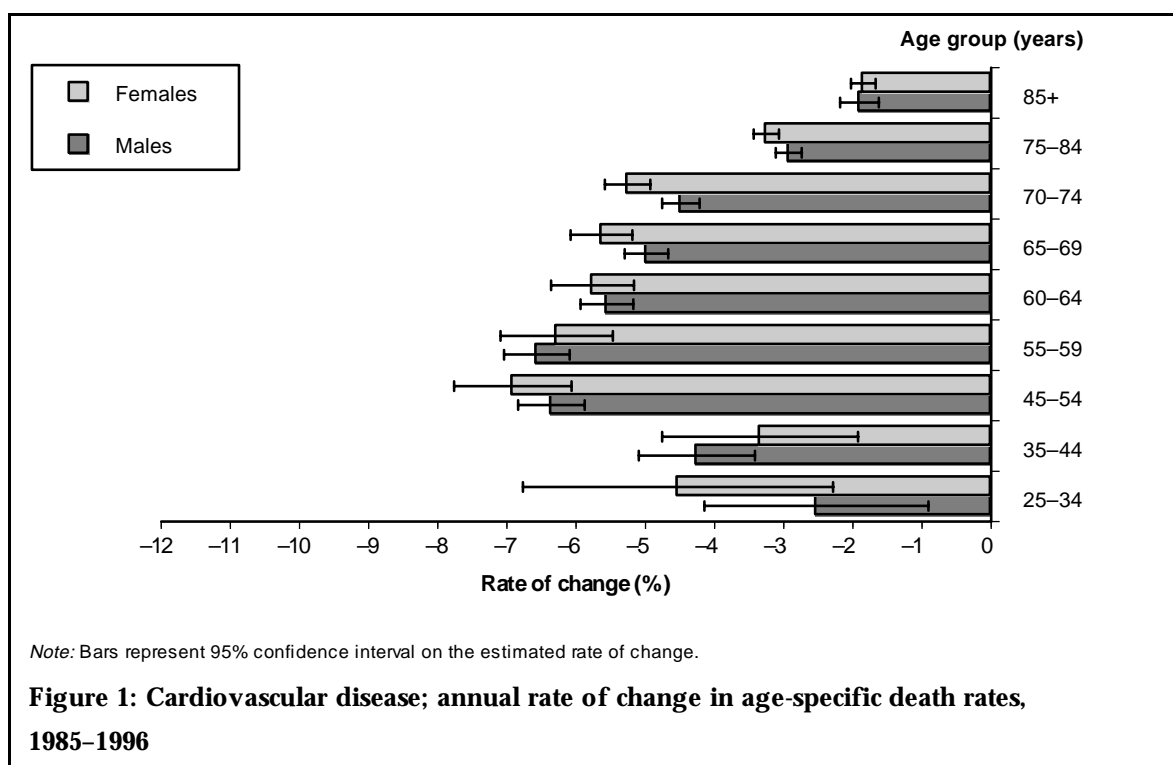
Sub-category	Males			Females		
	Proportion of CVD* (%)	Annual rate of change (%)	95% confidence limits	Proportion of CVD (%)	Annual rate of change (%)	95% confidence limits
Ischaemic heart disease	60.6	-4.0	-4.1, -3.9	49.4	-3.6	-3.7, -3.5
Acute myocardial infarction	36.4	-5.5	-5.6, -5.4	29.5	-4.7	-4.9, -4.6
Other ischaemic heart disease	24.2	-1.1	-1.3, -1.0	19.8	-1.4	-1.6, -1.2
Cerebrovascular disease	19.6	-3.4	-3.5, -3.2	27.7	-3.8	-4.0, -3.6
Heart failure	4.1	-3.8	-4.1, -3.4	6.6	-3.5	-3.8, -3.1
Peripheral vascular disease	4.4	-2.1	-2.4, -1.7	3.1	-0.6	-1.1, -0.1
Hypertensive disease	1.7	-3.5	-4.0, -2.9	2.4	-3.5	-4.1, -2.9
Atherosclerosis	1.1	-7.8	-8.3, -7.2	1.9	-9.1	-9.6, -8.5
Rheumatic heart disease	0.5	-4.5	-5.6, -3.5	0.8	-4.2	-5.0, -3.3
Other cardiovascular disease	8.1	-1.9	-2.2, -1.6	8.1	-1.8	-2.2, -1.5
<b>Cardiovascular disease (N)</b>	<b>26,550</b>	<b>-3.7</b>	<b>-3.8, -3.6</b>	<b>27,440</b>	<b>-3.6</b>	<b>-3.7, -3.5</b>
<i>All causes</i>	<i>68,206</i>	<i>-2.2</i>	<i>-2.2, -2.1</i>	<i>60,513</i>	<i>-1.9</i>	<i>-2.0, -1.9</i>

\* Cardiovascular disease

Australia has the ninth lowest death rate from cardiovascular disease out of the 29 OECD countries. However, given that Australian death rates are 71% higher than for Hong Kong (for males) and 55% higher than for France (for females), this indicates the potential for further reductions in the cardiovascular mortality rate in Australia (AIHW 1998).

### Ischaemic heart disease (or coronary heart disease)

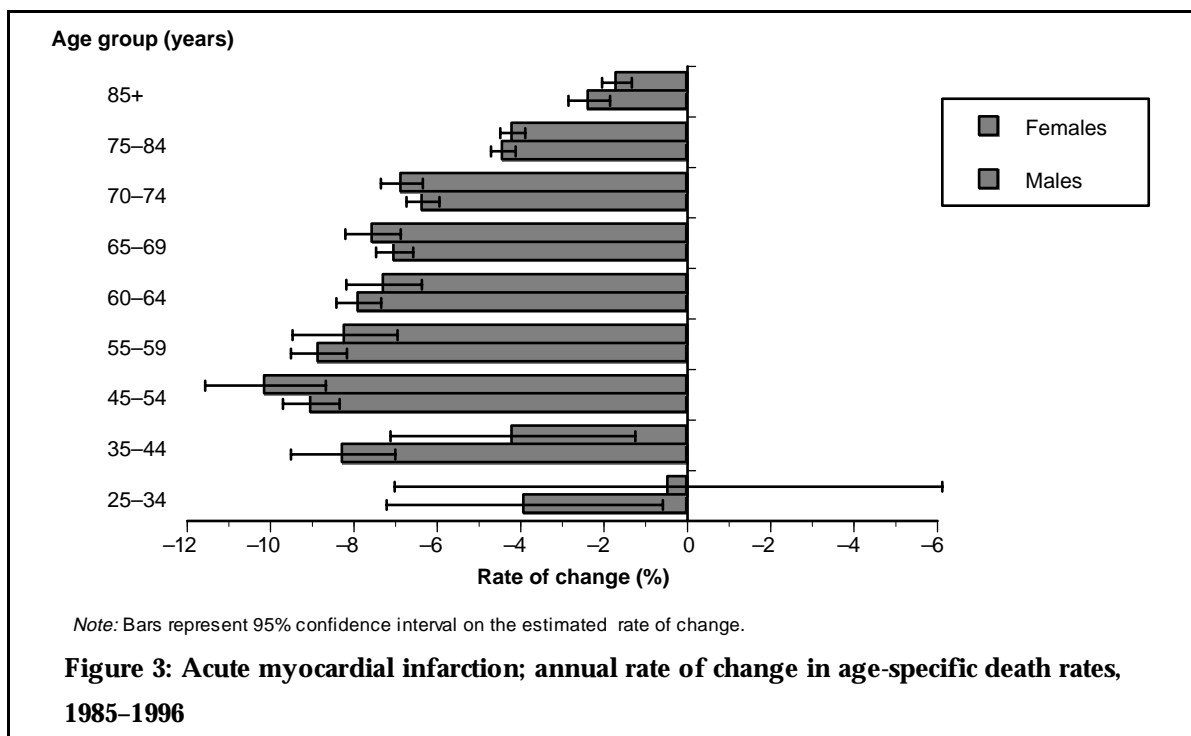
Ischaemic heart disease was the major cardiovascular cause of death, representing 55% of all such deaths. Mortality from ischaemic heart disease has continued the decline that began in the 1960s and is currently declining at a rate of 4% per year among males and 3.6% per year among females. Rates of decline have been greatest among the 45–54 age group, 7% per year among males and 9% per year among females (Figure 2).



### Acute myocardial infarction (or heart attack)

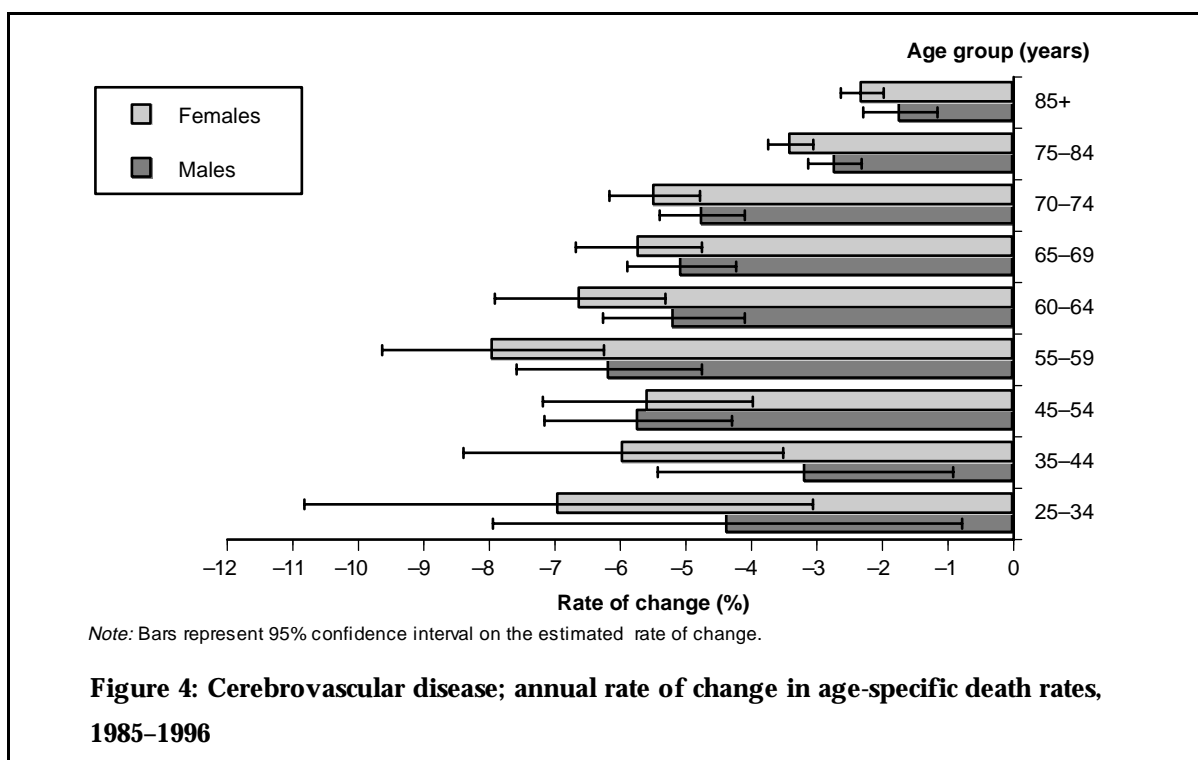
Mortality from acute myocardial infarction, the major contributor to ischaemic heart disease mortality (60% of such deaths), has been declining slightly faster than ischaemic heart disease at an annual rate of 5.5% among males and 4.7% among females.

The differential in rates of decline between the sexes was highest in the 35–44 age group, where the male rate of decline was twice that of the female rate of decline. There were significant rates of decline at all ages, but the rates were greatest among females aged 45–54 (10%) and males aged 45–59 (9%) (Figure 3).



### Cerebrovascular disease (or stroke)

Mortality from cerebrovascular disease, the second leading cardiovascular cause of death (contributing 24% of cardiovascular deaths) has been declining at a rate of 3.4% among males and 3.8% among females. The largest sex differentials in rates of decline occurred in the 35-44 age group, where the female rate of decline was almost twice that of the male rate (6% compared to 3.2%). Rates of decline were highest for the 55-59 age group (6.2% for males and 7.9% for females), with lower rates of decline with increasing age (Figure 4).





### Other cardiovascular diseases

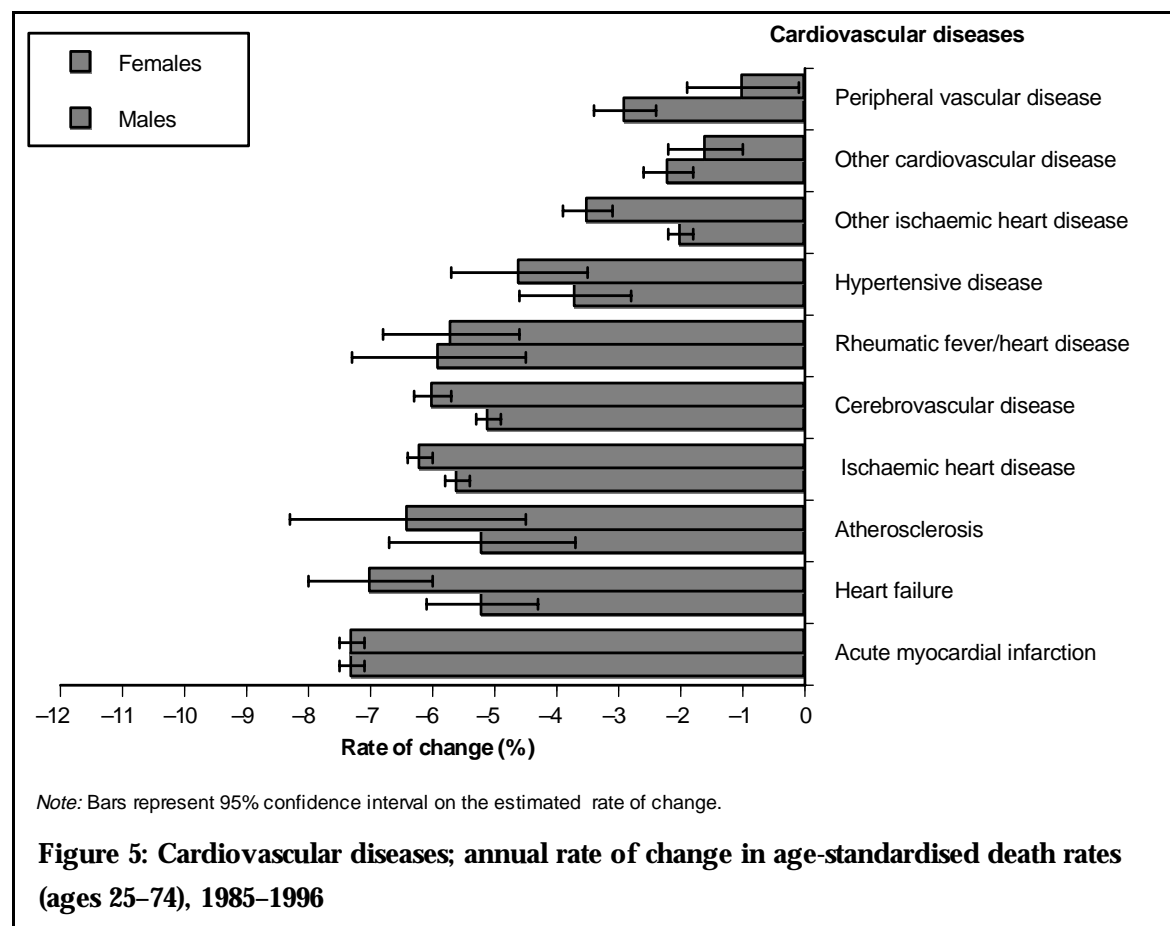
Mortality from heart failure, peripheral vascular disease, hypertensive disease, and rheumatic heart disease were also declining, with rates of decline slowest for peripheral vascular disease (2.1% among males and 0.6% among females). Death rates attributed to atherosclerosis were declining at a faster rate per year than any of the other cardiovascular diseases (7.8% and 9.1% among males and females respectively), with rates of decline higher in older age groups.

### National targets for cardiovascular disease

The report *Better Health Outcomes for Australians* recommends that national targets for premature mortality (25–74 years) from ischaemic heart disease be set at 1,100 deaths per million population among males and 400 deaths per million population among females, for the year 2000. In 1985 age-standardised death rates from ischaemic heart disease (for the 25–74 age group) were 2,661 and 991 deaths per million population for males and females respectively. By 1996 these rates had declined to 1,415 and 495 deaths per million population. If the current rates of decline continue these rates will decrease further by the year 2000 to 1,122 deaths per million population among males and 397 among females.

### Age group 25–74

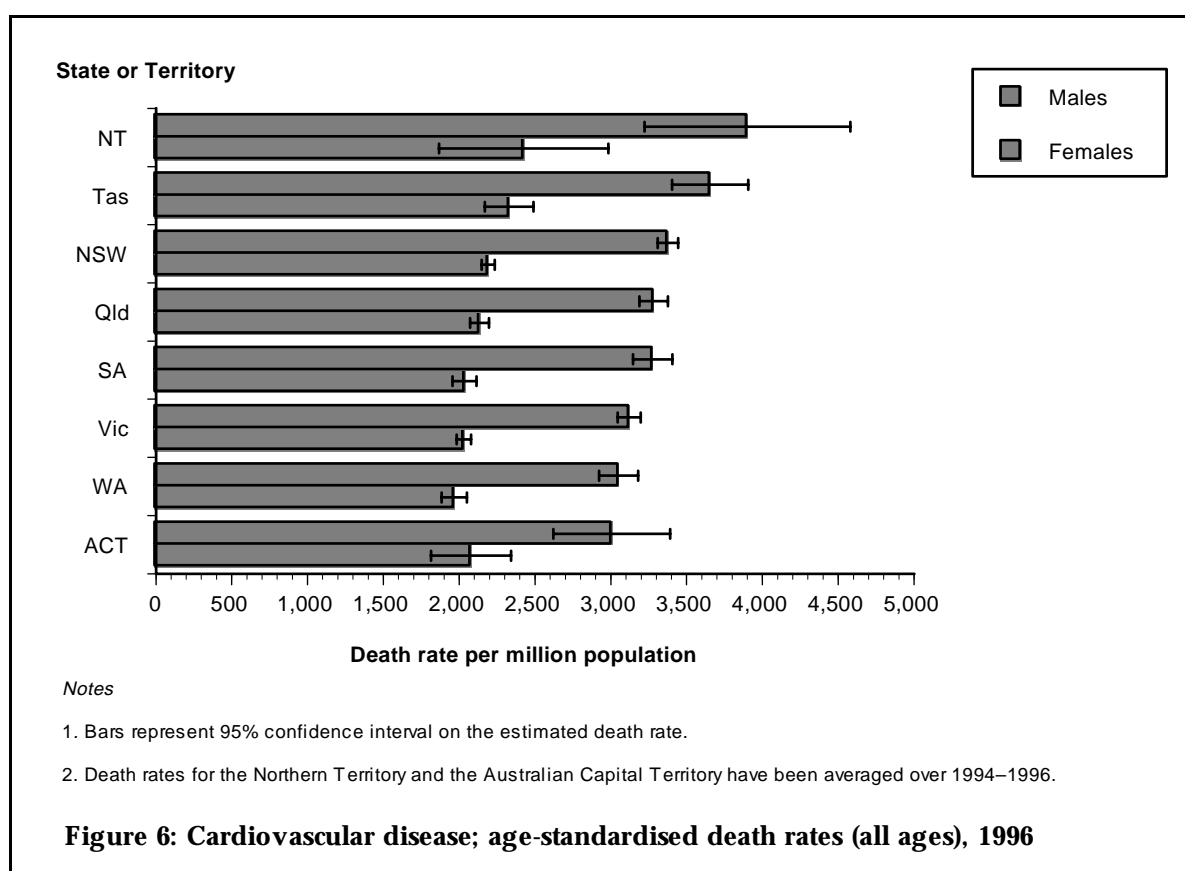
Annual rates of decline for each cardiovascular disease were generally greater for the 25–74 age group than that for all ages, reflecting the slower declines in mortality among the very old. Among those aged 25–74 most cardiovascular diseases were declining by at least 5% per year among males and females (Figure 5). For the 25–74 age group mortality from cardiovascular diseases as a proportion of all causes was significantly lower than that for all ages (31% compared to 42%). For further details see the detailed mortality profiles for Australia.



## States and Territories

### Cardiovascular disease

Mortality from all cardiovascular diseases was highest in the Northern Territory at 3,900 and 2,426 deaths per million population for males and females respectively in 1994–96<sup>2</sup>. This high mortality rate in the Northern Territory can mainly be attributed to the relatively large proportion of Indigenous people in the Territory (26%) compared to the rest of Australia (less than 3%), among whom death rates are two times higher than for other Australians (discussed in more detail in the *Indigenous population* section of this report). Of the remaining States and Territories, death rates were highest in Tasmania and lowest in the Australian Capital Territory for males and Western Australia for females (Figure 6).



The Australian trend of decreasing cardiovascular mortality and higher rates of decline from cardiovascular disease than from all causes, remained consistent across all the States and Territories (Table 2). New South Wales had the largest rate of decline among males (4%) and Tasmania the largest among females (3.9%), with rates of decline also high among males in Victoria and females in New South Wales. The Northern Territory had the lowest rate of decline from cardiovascular mortality among both males and females (0.7% and 2.1% respectively). This slower rate of decline is mainly attributed to the relatively large proportion of Indigenous people in the Territory (26% compared to less than 3% elsewhere), among whom rates of decline in the 25–64 age group are considerably lower. Death rates among Indigenous people in the Northern Territory are declining at a slower rate than among

2. For reliability, death rates in the Northern Territory and the Australian Capital Territory have been averaged over three years (1994–1996). For the States, death rates relate to the most recent year, 1996. For further details see *Introduction*.

Indigenous people in Western Australia, South Australia and the Northern Territory combined (see the *Indigenous population* section). Differences in mortality among Indigenous people living in the Northern Territory compared with those living in Western Australia and South Australia may reflect the diversity of Australia's Indigenous population (ATSIHWIU 1997).

**Table 2: Selected cardiovascular diseases and all causes; annual rate of change in age-standardised death rates (all ages), 1985–1996 (%)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT
<b>Males</b>								
Ischaemic heart disease	-4.4	-4.0	-3.6	-3.9	-3.8	-4.0	-3.7	-1.5
Acute myocardial infarction	-6.0	-5.2	-4.6	-6.1	-5.4	-5.2	-5.1	-1.4
Cerebrovascular disease	-4.1	-3.2	-3.1	-2.1	-2.6	-2.3	-3.3	0.4
Cardiovascular disease	-4.0	-3.7	-3.5	-3.5	-3.4	-3.2	-3.0	-0.7
<i>All causes</i>	-2.5	-2.2	-2.1	-1.9	-1.7	-1.6	-2.2	-1.5
<b>Females</b>								
Ischaemic heart disease	-3.8	-3.6	-3.0	-3.5	-3.7	-3.7	-3.3	-2.7
Acute myocardial infarction	-5.1	-4.3	-4.1	-5.2	-5.1	-4.4	-5.0	-3.3
Cerebrovascular disease	-4.2	-4.3	-3.5	-2.3	-2.7	-4.5	-2.0	3.8
Cardiovascular disease	-3.8	-3.7	-3.1	-3.2	-3.2	-3.9	-2.8	-2.1
<i>All causes</i>	-2.2	-2.0	-1.7	-1.5	-1.5	-1.9	-2.2	-0.8

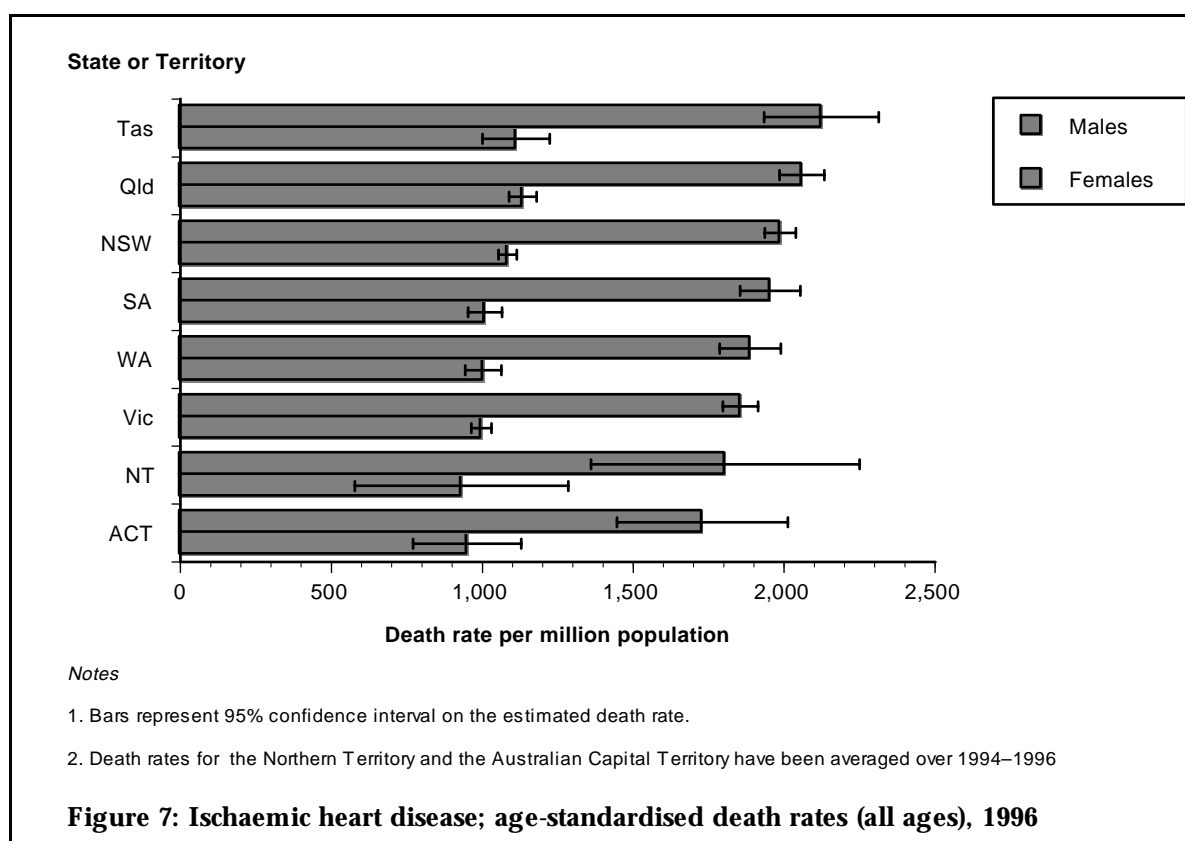
Note: 95% confidence limits for annual rates of change are all within 0.2 of the estimated rate.

### Ischaemic heart disease

Mortality from ischaemic heart disease for both males and females was highest in Tasmania and Queensland, followed by New South Wales. The Australian Capital Territory and the Northern Territory had the lowest death rates for males and females in 1994–1996 (Figure 7). The Northern Territory has moved from having the highest overall death rate from cardiovascular diseases to the lowest for ischaemic heart disease. This may be attributable to the distribution of cardiovascular deaths in the Northern Territory. Ischaemic heart disease accounted for a lower proportion of cardiovascular deaths in the Northern Territory (43%) than in the other States and Territories (55%), due mainly to high mortality from other causes such as other cardiovascular diseases<sup>3</sup> (15% of deaths in the Northern Territory compared to 8% elsewhere).

Rates of decline in ischaemic heart disease mortality were again slowest in the Northern Territory, decreasing at a rate of 1.5% per year for males and 2.7% per year for females. For the remaining States and Territories rates of decline were largest in New South Wales (4.4% for males and 3.8% for females) followed by Tasmania (Table 2).

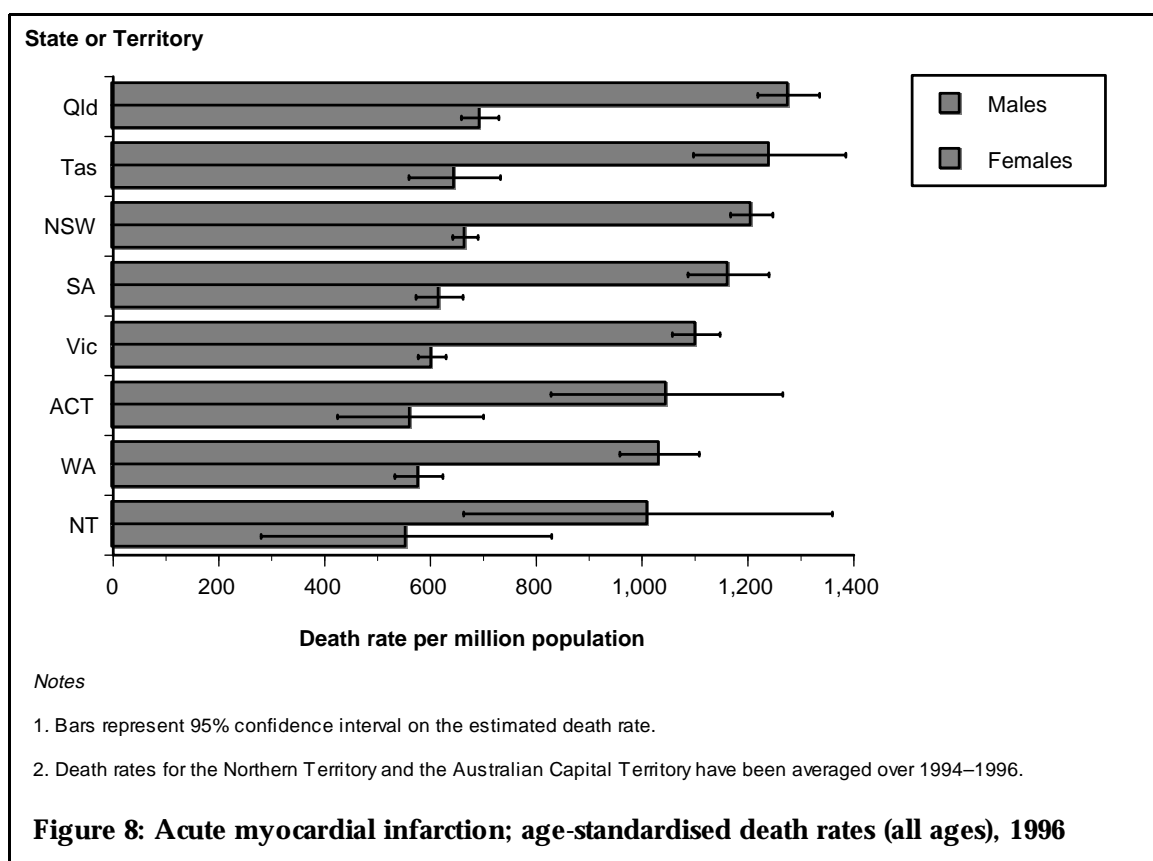
3. Includes such diseases as pulmonary circulation, other forms of heart disease, diseases of the arteries, arterioles and capillaries, and diseases of veins and lymphatics, and other diseases of the circulatory system.



### Acute myocardial infarction

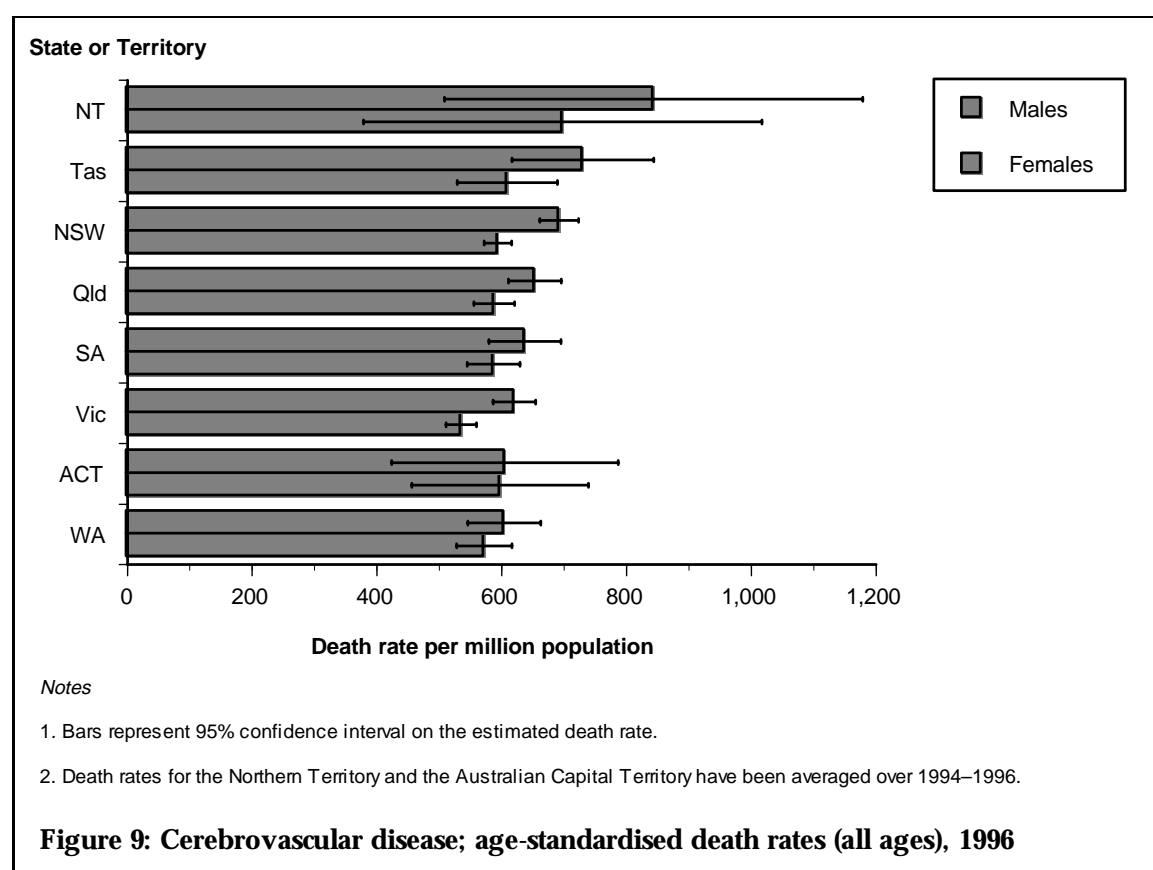
Death rates attributed to acute myocardial infarction were highest in Queensland (1,277 and 694 deaths per million population for males and females respectively) and lowest in the Northern Territory (Figure 8). The Northern Territory had a lower proportion of cardiovascular deaths from acute myocardial infarction than the rest of Australia (24% compared with 33%).

Mortality from acute myocardial infarction was declining at a faster rate than for ischaemic heart disease overall, with the greatest rate of decline occurring in Western Australia (6.1% for males and 5.2% for females). Rates of decline were also high in New South Wales and South Australia, while the lowest rates of decline were seen in the Northern Territory (1.4% and 3.3% respectively for males and females) (Table 2).



### Cerebrovascular disease

The Northern Territory had the highest death rate from cerebrovascular disease in 1994–1996 and was the only State or Territory where death rates increased over the period 1985–1996. The rate of increase was 0.4% per year for males and 3.8% per year for females. Mortality from cerebrovascular disease was also high in Tasmania and New South Wales and lowest in Western Australia for males and Victoria for females. Rates of decline among males was greatest in New South Wales (4.1% per year), while among females Tasmania had the greatest rate of decline of 4.5% per year (Figure 9 and Table 2).



### Projections for the year 2000

In the year 2000, based on current rates of decline, death rates for ischaemic heart disease between ages 25–74 will continue to be lowest in the Australian Capital Territory, Victoria and Western Australia and highest in the Northern Territory, South Australia (for males), Tasmania (for females) and Queensland (Table 3).

**Table 3: Year 2000 projections\* for ischaemic heart disease; age-standardised death rates and 95% confidence intervals (25–74)**

State and Territory	Males		Females	
	Rate	95% Confidence limit	Rate	95% Confidence limit
New South Wales	1,112	1,098–1,126	413	405–422
Victoria	1,041	1,028–1,055	352	344–359
Queensland	1,206	1,191–1,221	435	426–444
Western Australia	1,098	1,084–1,112	373	365–381
South Australia	1,238	1,223–1,253	382	374–390
Tasmania	1,194	1,180–1,209	488	478–497
Australian Capital Territory	912	899–925	276	269–283
Northern Territory	1,478	1,461–1,496	938	922–954
<b>Australia</b>	<b>1,122</b>	<b>1,108–1,137</b>	<b>397</b>	<b>389–405</b>

\* The projected age-standardised death rates for the year 2000 have been calculated using a Poisson regression model.

## Indigenous population

The identification of Indigenous people is not accurately recorded in death registrations in all States and Territories, which means that a reliable national picture of Indigenous mortality cannot be obtained. Since 1993 identification of Indigenous people on death records in Western Australia, South Australia and the Northern Territory has been of an acceptable quality, with registration of Indigenous deaths estimated to be over 90% complete in these jurisdictions (ABS 1993). The information from these States and Territory has been combined to produce quasi-national estimates of death rates for the Indigenous population. For comparability the non-Indigenous estimates also include data from only Western Australia, South Australia and the Northern Territory.

The number of people who identified themselves as Indigenous in the 1996 Census was about a third higher than the number who did so in 1991, a difference much larger than can be explained by natural increase (Cunningham 1998). These changes in Indigenous identification make interpretation of long-term trends difficult. In this report, population estimates for 1992–1996 are based on the 1996 Census, while the 1991 estimate is taken from the 1991 Census. By examining data over a relatively short time period (1991–1996), this lessens the impact of changes in Indigenous identification.

Over the period 1991–1996, mortality has been declining among Indigenous females at a rate of 3.1% per year, but increasing slightly among Indigenous males (0.9%). This equates to 2,923 and 2,217 deaths among Indigenous males and females respectively between 1991 and 1996. Indigenous Australians had higher rates of death than non-Indigenous Australians for most cardiovascular causes of death. Obesity and smoking are more prevalent among Indigenous people than other Australians, which places them at a greater risk of developing health problems such as heart disease (AIHW 1998; Cunningham 1997; Cunningham & Mackerras 1998).

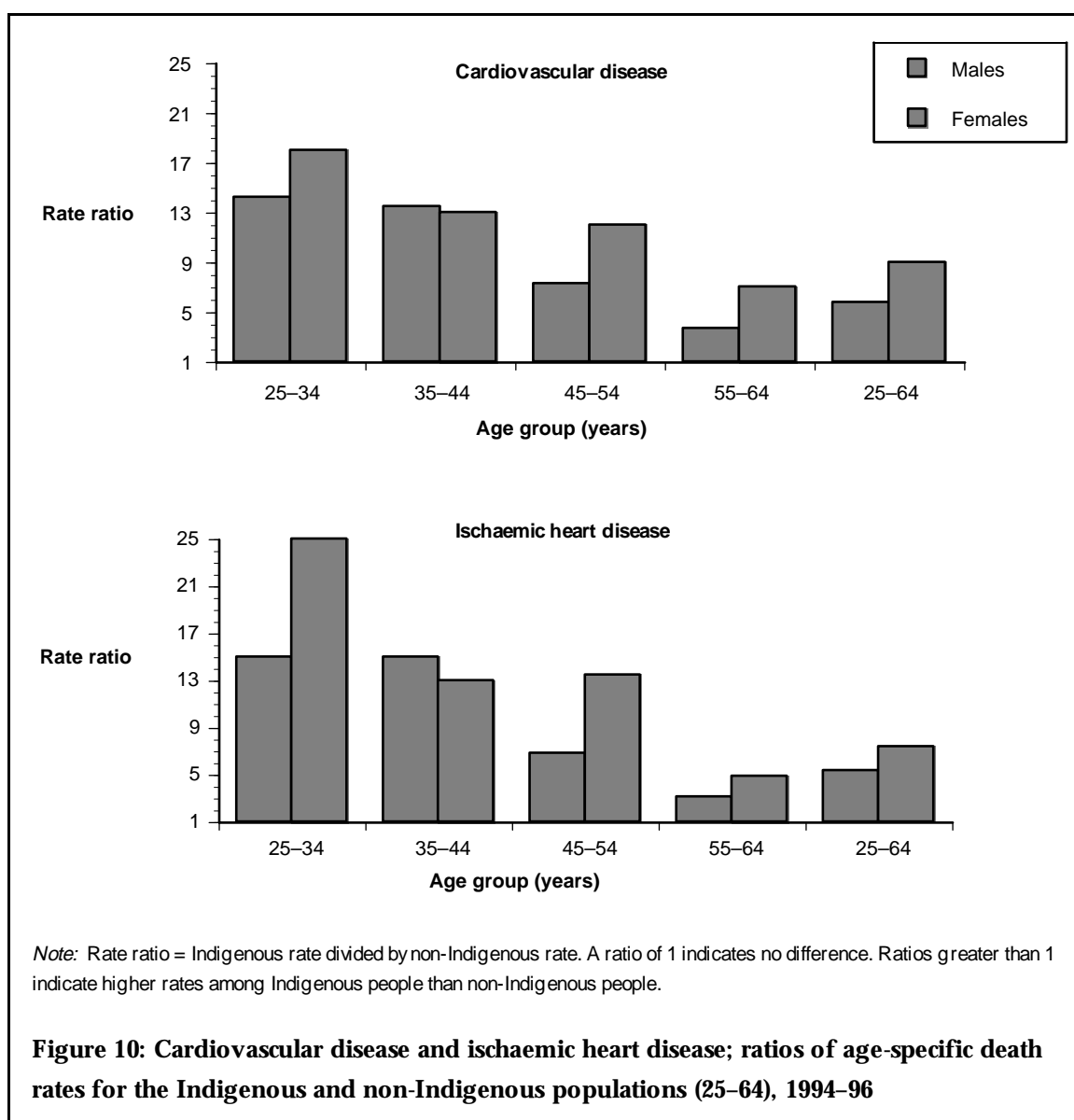
## Cardiovascular disease

Over the period 1994–1996 cardiovascular diseases accounted for 28% of all deaths of Indigenous people, a significantly lower proportion than that evident among the non-Indigenous population (42%). However, mortality from diabetes, road traffic accidents and respiratory diseases constituted a higher proportion of all deaths for Indigenous people, compared with other Australians, with these proportions about two to three times higher among the Indigenous population (ABS 1997).

While cardiovascular diseases comprised a smaller proportion of all deaths among the Indigenous population compared with other Australians, the age-standardised cardiovascular disease death rates for Indigenous people in 1994–1996 were two times greater than non-Indigenous rates. This ratio was greater among adults of working age (25–64), for whom Indigenous people had six and nine times the cardiovascular death rate for non-Indigenous males and females respectively. The difference in rates between the Indigenous and non-Indigenous populations was greater in relative terms for females than for males across almost all age groups. In fact, the death rates were greater at all ages for the Indigenous population compared to other Australians, with the greatest difference in relative terms occurring in the younger age groups (Figure 10).

Mortality from cardiovascular disease among the Indigenous population has been declining at a rate of 5.2% for females, while for males there was no statistically significant rate of change over the period 1991–1996. The female rate of decline is a recent shift, with previous published data pointing to an increase in cardiovascular mortality of 2% for females between 1985 and 1994 (Anderson et al. 1996). While caution needs to be taken in interpreting these results due to changes in Indigenous population estimates, it is possible that a new trend may be developing for Indigenous females.

Over the period 1991–1996 the decline in death rates for Indigenous females was considerably greater than among non-Indigenous females (5.2% compared to 2.6%). For males, the pattern was not so clear with mortality declining by 3.1% per year among the non-Indigenous population, while among the Indigenous population there was no significant rate of change over the period (Figure 11). For the 25–64 age group, however, mortality among Indigenous males was declining by 2.5% per year, a slower rate than that for the corresponding non-Indigenous population (4.6%).



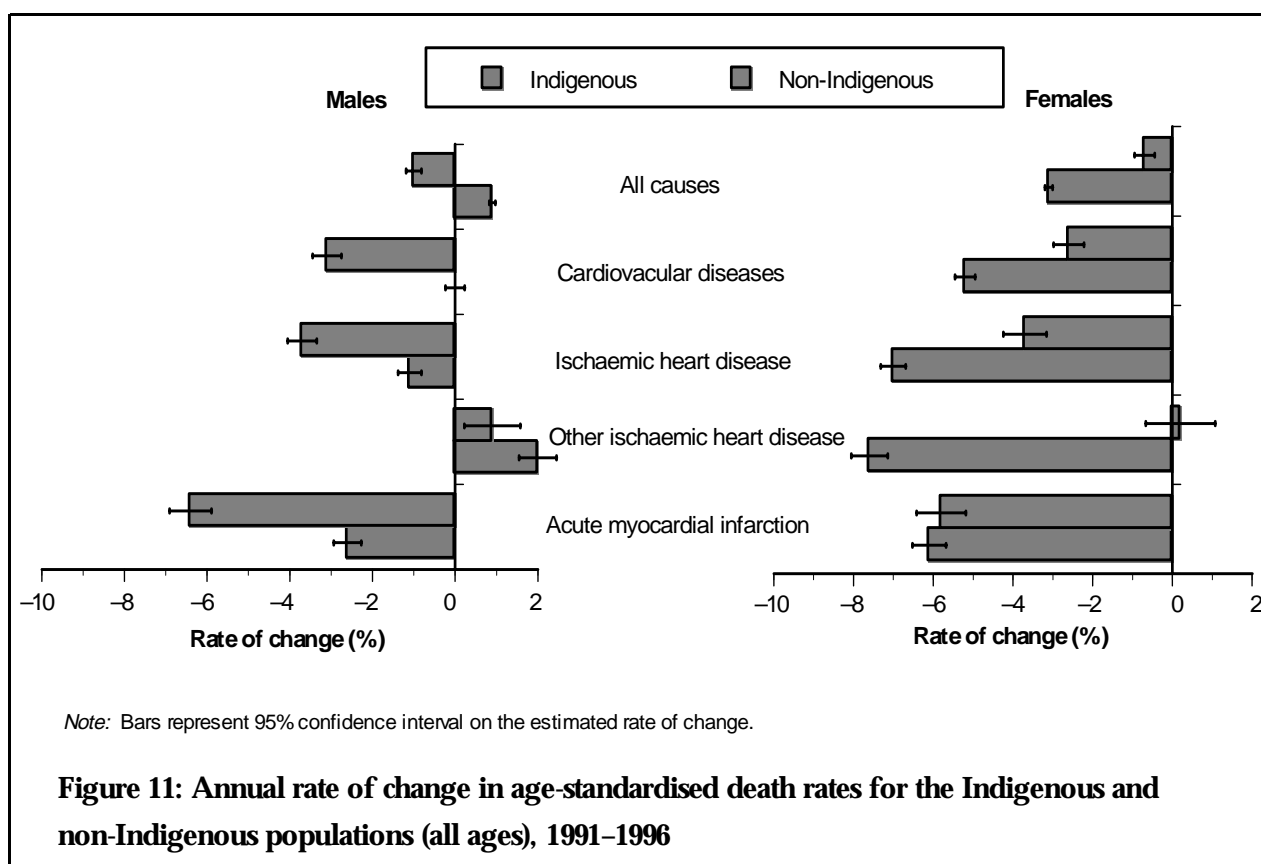
### Ischaemic heart disease

Ischaemic heart disease remained the leading contributor to mortality from cardiovascular diseases for Indigenous people, 55% among males and 41% among females in 1994-1996. Mortality from this cause was declining at a rate of 1.1% per year among Indigenous males, a slower rate than that for non-Indigenous males (3.7%). For females, however, Indigenous death rates declined at a greater rate than non-Indigenous death rates (7% compared to 3.7%) over the period 1991-1996 (Figure 11).

National targets for the Indigenous population endorsed by the Australian Health Ministers Advisory Committee are set at reducing mortality from ischaemic heart disease by 50% in 10 years. Based on current rates of decline, Indigenous females, with rates of decline of 7% per year, are achieving the national target, while Indigenous males (annual decline of 1.1%) are not.

Death rates from ischaemic heart disease for the Indigenous population in 1994-1996 were 1.6 times greater than for other Australians. For the 25-64 age group the difference was even more pronounced, with Indigenous males and females having five and seven times the expected death rate of their non-Indigenous counterparts. The greatest difference between the Indigenous and non-Indigenous populations occurred in the younger age groups (Figure 10).





### Acute myocardial infarction

Between 1991 and 1996 mortality from acute myocardial infarction for Indigenous males was declining slightly faster than for ischaemic heart disease at a rate of 2.6%. Rates of decline were considerably slower among Indigenous males (2.6%) compared with non-Indigenous males (6.4%). For females, rates of decline were similar for the Indigenous and non-Indigenous populations, although slightly higher among the Indigenous population, 6.1% compared to 5.8% (Figure 11).

### Cerebrovascular disease

Mortality from cerebrovascular disease among the Indigenous population is relatively small. Between 1991 and 1996 there were only 150 and 154 deaths from cerebrovascular disease identified in Indigenous males and females respectively. Due to the small number of deaths in each of the age-specific groups no accurate trend analysis can be undertaken for this cause of death.

## Urban, rural and remote areas

### Cardiovascular disease

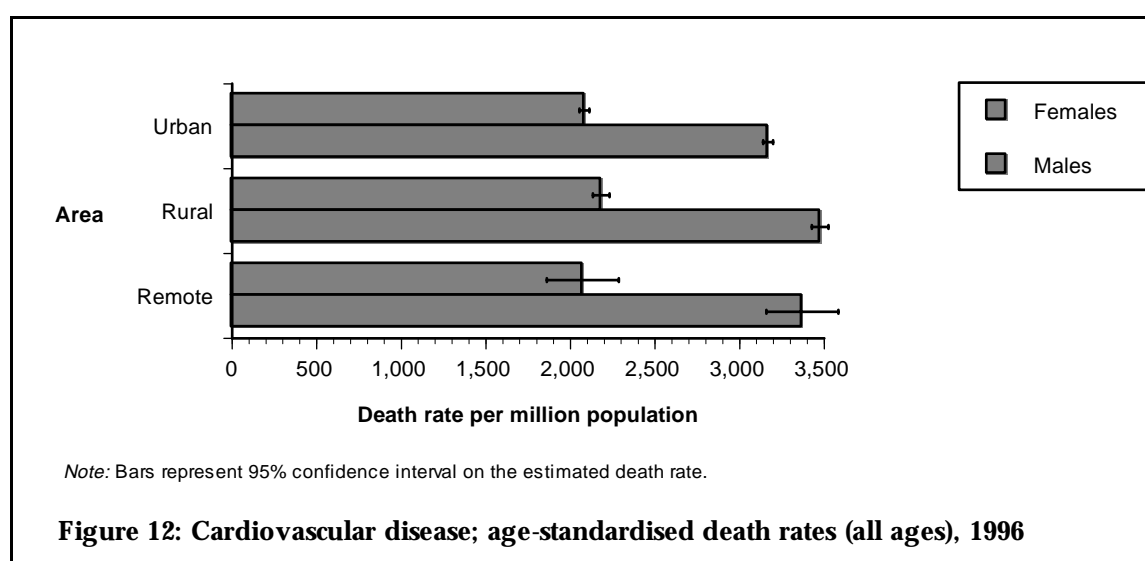
Mortality differences between urban, rural and remote areas are influenced by the proportion of Indigenous people in each area. While the proportion of Indigenous people in urban and rural areas is too small to influence their mortality rates, the relatively high concentration in remote areas (18%) could have a considerable impact on differentials between remote and other areas. Mortality differentials between areas may also reflect differences in access to, and use of, health services. Knowledge of, and attitudes to, illness could also be contributory factors, as could socioeconomic factors.

For males, death rates from cardiovascular disease tended to be slightly higher in rural and remote areas than in urban areas, largely due to ischaemic heart disease (Table 4 and Figure 12). For females, cardiovascular death rates showed little difference across these areas.

**Table 4: Selected cardiovascular diseases and all causes; age-standardised death rates and rate ratios for urban, rural and remote areas (all ages), 1996**

	Urban			Rural			Remote		
	Rate	SE (rate)	Ratio	Rate	SE (rate)	Ratio	Rate	SE (rate)	Ratio
<b>Males</b>									
Ischaemic heart disease	1,897	18.2	1	2,081	29.4	1.10	2,114	114.3	1.11
Acute myocardial infarction	1,126	14.1	1	1,280	23.1	1.14	1,183	85.6	1.05
Cerebrovascular disease	645	10.9	1	688	17.3	1.07	516	58.4	0.80
Cardiovascular disease	3,168	23.4	1	3,476	37.7	1.10	3,370	143.4	1.06
All causes	7,998	36.1	1	8,575	58.1	1.07	9,448	226.4	1.18
<b>Females</b>									
Ischaemic heart disease	1,039	10.8	1	1,101	18.0	1.06	974	75.3	0.94
Acute myocardial infarction	633	8.5	1	663	14.2	1.05	563	57.9	0.89
Cerebrovascular disease	578	7.9	1	575	12.9	0.99	544	56.6	0.94
Cardiovascular disease	2,083	15.0	1	2,182	25.0	1.05	2,073	108.5	1.0
All causes	4,942	23.9	1	5,120	39.7	1.04	5,746	176.4	1.17

Note: Ratio = rural or remote rate divided by urban rate. A ratio of 1 indicates no difference from urban areas. Ratios greater than 1 indicate higher rates among rural and remote areas compared with urban areas.



There were no marked differences in rates of decline in cardiovascular mortality across urban, rural and remote areas (Table 5). In all three areas and for both sexes, change was more rapid for cardiovascular mortality than for mortality from all causes (Table 5).

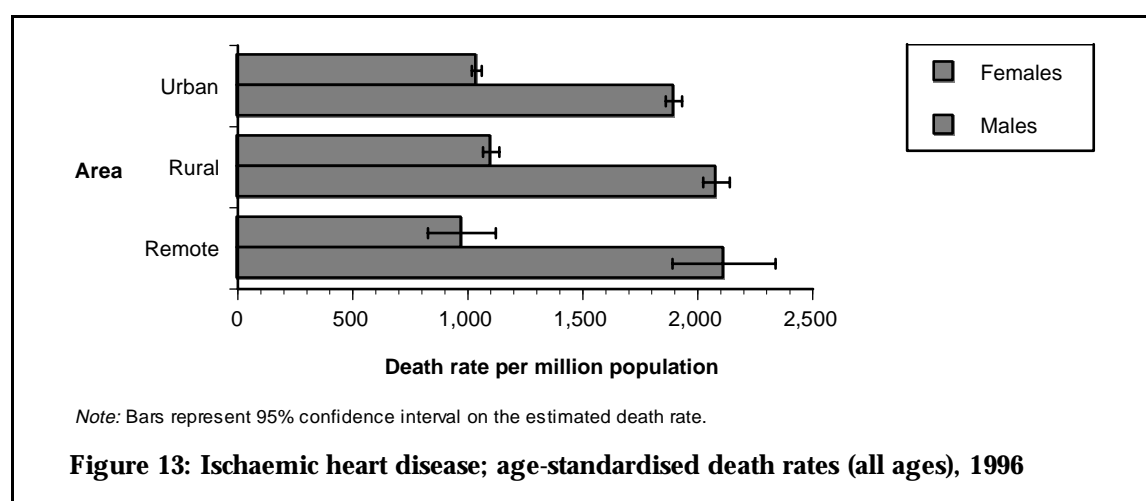
**Table 5: Selected cardiovascular diseases and all causes; annual rate of change in the age-standardised death rate (all ages) in urban, rural and remote areas, 1986–1996**

	Males			Females		
	Urban	Rural	Remote	Urban	Rural	Remote
Ischaemic heart disease	-4.2	-3.5	-3.1	-3.9	-3.2	-3.9
Acute myocardial infarction	-5.8	-5.0	-5.2	-5.1	-4.5	-5.3
Cerebrovascular disease	-3.2	-2.8	-2.9	-3.4	-3.4	-3.1
Cardiovascular disease	-3.7	-3.3	-3.0	-3.5	-3.2	-3.7
<b>All causes</b>	<b>-2.2</b>	<b>-1.8</b>	<b>-2.0</b>	<b>-1.6</b>	<b>-1.7</b>	<b>-1.8</b>

Note: All annual rates of change are statistically significant at the 1% level.

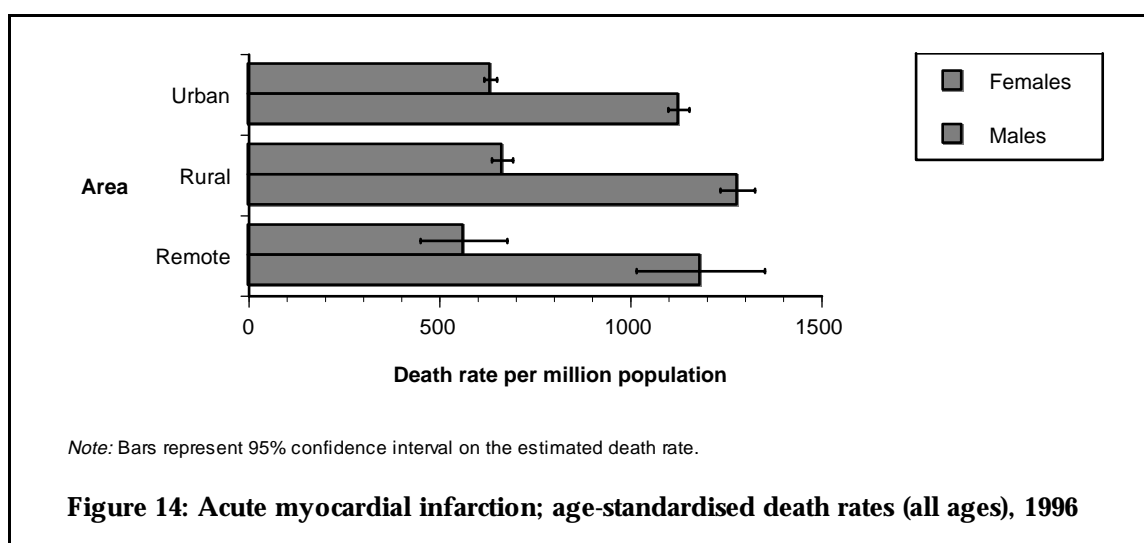
### Ischaemic heart disease

Mortality from ischaemic heart disease was 10–11% higher among rural and remote males compared to urban males (Figure 13 and Table 4). There was less variation in the level of ischaemic heart disease mortality among females. The annual rates of change varied slightly across the three areas, 4.2% among urban males to 3.1% among remote males (Table 5). The rates of decline for urban and remote females were similar and slightly higher than for their rural counterparts.



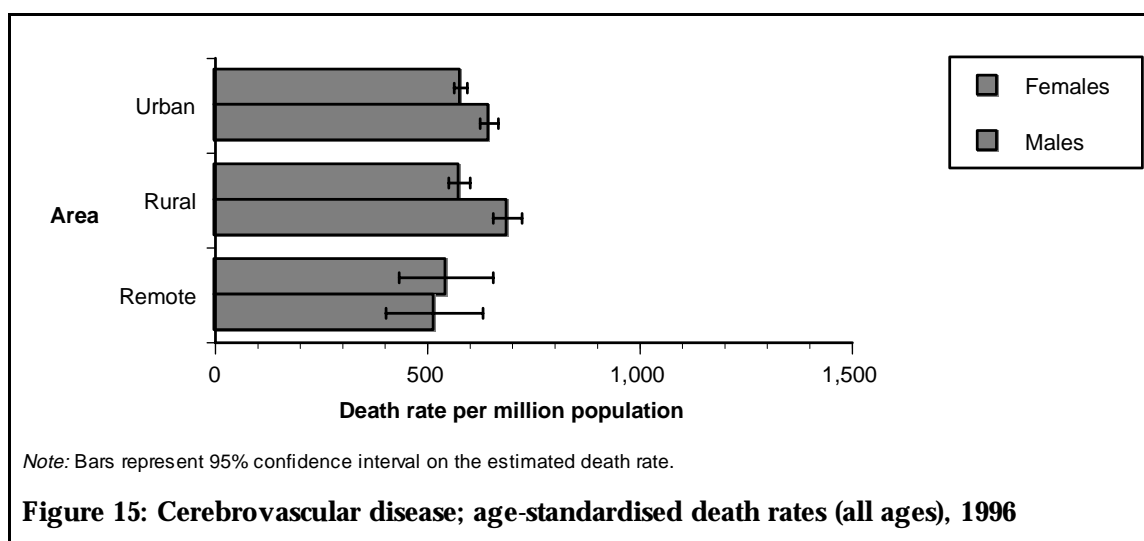
### Acute myocardial infarction

Acute myocardial infarction accounted for about 60% of ischaemic heart disease deaths in urban and rural areas, and 57% in remote areas. Mortality attributed to acute myocardial infarction was 14% higher among rural males compared to urban males, and was about 10% lower for remote females compared with their urban counterparts (Figure 14 and Table 4). The mortality rate for acute myocardial infarction declined faster than for ischaemic heart disease. Urban, rural and remote areas all showed a rapid decline, with urban areas in the lead for males (5.8%) and remote areas in the lead for females (5.3%) (Table 5).



### Cerebrovascular disease

In 1996, cerebrovascular disease accounted for a higher proportion of all cardiovascular deaths among females than among males, in all three areas. The cerebrovascular mortality rate was lowest for remote males, 20% lower than for urban males (Figure 15 and Table 4). The mortality rate was highest for rural males. There was virtually no difference across the three areas for females. Cerebrovascular mortality was declining at about 3% per year in all three areas (Table 5).



### Age group 25–74

Premature deaths (between ages 25–74) accounted for 41–42% of all cardiovascular deaths among males in both urban and rural areas, and about 57% in remote areas. The proportion varied more among females, from 18% in urban areas and 20% in rural, to 36% in remote areas. In this age range, mortality differentials across the three areas were generally more pronounced than for all ages.

Australia

Profiles with graph

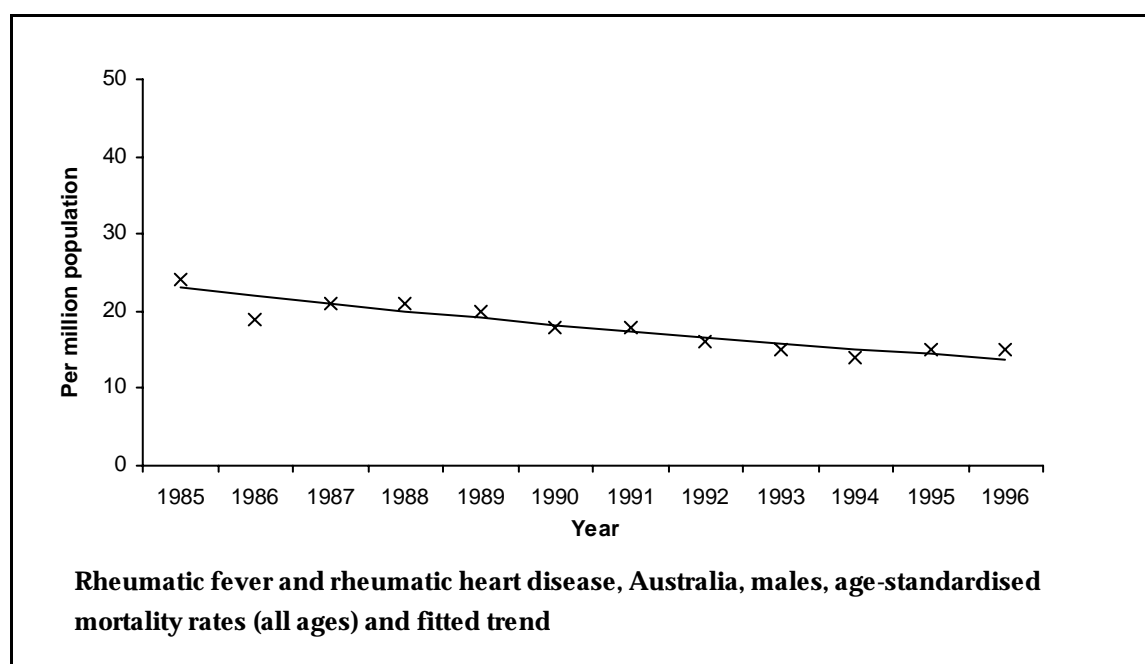
- Rheumatic fever and rheumatic heart disease..... 22
- Hypertensive disease..... 24
- Ischaemic heart disease ..... 26
- Acute myocardial infarction..... 28
- Other ischaemic heart disease ..... 30
- Heart failure..... 32
- Cerebrovascular disease ..... 34
- Atherosclerosis ..... 36
- Peripheral vascular disease ..... 38
- Diseases of the circulatory system..... 40
- Other diseases of the circulatory system ..... 42
- All causes of death..... 44

**ICD-9: 390–398**  
**Rheumatic fever and rheumatic heart disease**

**Australia**  
**Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	5	2	1	5	8	5	3	3	3	4	4	4	4		
25–34	8	8	8	4	3	4	2	3	0	3	2	4	4		
35–44	3	6	6	7	9	5	8	5	5	6	5	3	3		
45–54	14	15	12	22	10	12	9	6	7	6	11	8	8		
55–59	13	10	12	8	12	9	9	10	5	5	5	10	10		
60–64	13	15	14	16	18	16	20	6	12	7	16	9	9		
65–69	22	17	18	20	20	19	12	20	16	17	18	10	10		
70–74	21	21	19	25	25	23	23	20	21	17	14	22	22		
75–84	36	31	37	38	27	27	36	34	34	38	32	40	40		
85+	15	6	13	4	14	13	11	11	13	7	18	15	15		
Not stated	0	0	0	0	0	0	0	0	0	1	0	0	0		
25–74	94	92	89	102	97	88	83	70	66	61	71	66	66		
<b>All ages</b>	<b>150</b>	<b>131</b>	<b>140</b>	<b>149</b>	<b>146</b>	<b>133</b>	<b>133</b>	<b>118</b>	<b>116</b>	<b>111</b>	<b>125</b>	<b>125</b>	<b>125</b>		
<b>Age-specific rates (per million population)</b>															
<25	2	1	0	2	2	2	1	1	1	1	1	1	1	-0.3	3.2
25–34	6	6	6	3	2	3	1	2	0	2	1	3	3	-13.8 **	256.1
35–44	3	5	5	6	7	4	6	4	4	4	4	2	2	-3.6	-49.2
45–54	18	19	14	26	11	13	9	6	7	5	10	7	7	-10.6 **	18.0
55–59	34	26	32	21	32	25	25	27	13	13	12	24	24	-6.1	74.6
60–64	38	43	39	44	49	44	55	17	34	20	45	25	25	-3.6	-21.7
65–69	87	64	65	68	65	61	37	62	49	51	54	30	30	-5.6 *	-34.7
70–74	102	100	89	118	118	106	101	84	84	64	52	80	80	-4.4 *	20.1
75–84	190	156	178	175	119	115	148	136	133	145	118	140	140	-2.8	19.1
85+	463	173	359	106	350	313	249	232	258	131	317	249	249	-2.6	12.5
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	19	16	17	18	17	16	15	14	13	12	14	14	14		
Age std	24	19	21	21	20	18	18	16	15	14	15	15	15	-4.5 **	9.9
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	21	20	19	22	20	18	17	14	13	12	13	12	12		
Age std	22	21	20	23	21	19	17	14	13	12	14	12	12	-5.9 **	1.8

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



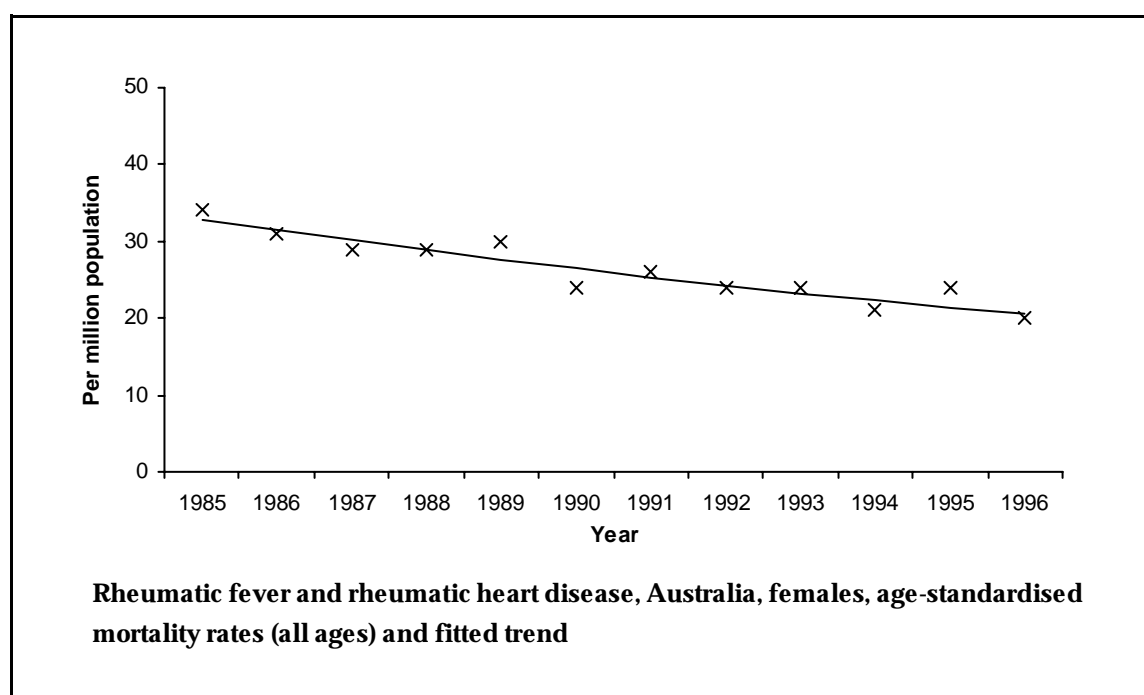
**ICD-9: 390-398**  
**Rheumatic fever and rheumatic heart disease**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	1	6	1	4	1	2	2	2	2	1	3	1		
25-34	8	6	4	8	1	4	4	3	1	3	4	2		
35-44	11	10	6	9	9	6	8	3	9	5	11	4		
45-54	13	25	15	17	15	15	20	17	13	12	13	11		
55-59	18	14	24	16	12	14	3	11	15	13	18	15		
60-64	20	23	27	20	17	15	27	14	17	11	20	10		
65-69	39	34	30	39	39	26	31	23	30	15	18	28		
70-74	58	49	37	40	40	31	45	48	42	29	42	38		
75-84	79	65	77	69	95	90	80	82	70	100	82	71		
85+	34	37	34	37	52	28	39	40	50	40	45	41		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25-74	167	161	143	149	133	111	138	119	127	88	126	108		
<b>All ages</b>	<b>281</b>	<b>269</b>	<b>255</b>	<b>259</b>	<b>281</b>	<b>231</b>	<b>259</b>	<b>243</b>	<b>249</b>	<b>229</b>	<b>256</b>	<b>221</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	2	0	1	0	1	1	1	1	0	1	0	-5.7	-43.1
25-34	6	5	3	6	1	3	3	2	1	2	3	1	-11.2 *	-1.1
35-44	10	9	5	7	7	5	6	2	7	4	8	3	-6.4	-38.4
45-54	17	33	19	21	18	17	22	18	13	11	12	10	-7.2 **	-17.9
55-59	48	38	65	44	33	39	8	30	40	34	46	37	-2.9	18.3
60-64	55	63	73	54	46	40	73	38	47	31	56	28	-4.6 *	-33.4
65-69	133	112	95	118	114	75	88	65	84	42	51	79	-7.1 **	57.8
70-74	224	186	138	150	150	115	159	164	138	91	130	116	-4.6 **	5.3
75-84	264	209	239	206	273	250	216	215	180	253	202	169	-2.2 *	-19.3
85+	383	391	350	371	504	265	354	346	410	314	335	290	-2.0	-13.6
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	36	34	31	31	33	27	30	28	28	26	28	24		
Age std	34	31	29	29	30	24	26	24	24	21	23	20	-4.2 **	-6.2
<b>Ages 25-74: Crude and age-standardised rates (per million population)</b>														
Crude	38	36	31	32	28	23	28	23	25	17	24	20		
Age std	36	34	30	30	27	22	27	22	24	16	23	19	-5.7 **	5.2

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 401–405  
Hypertensive disease**

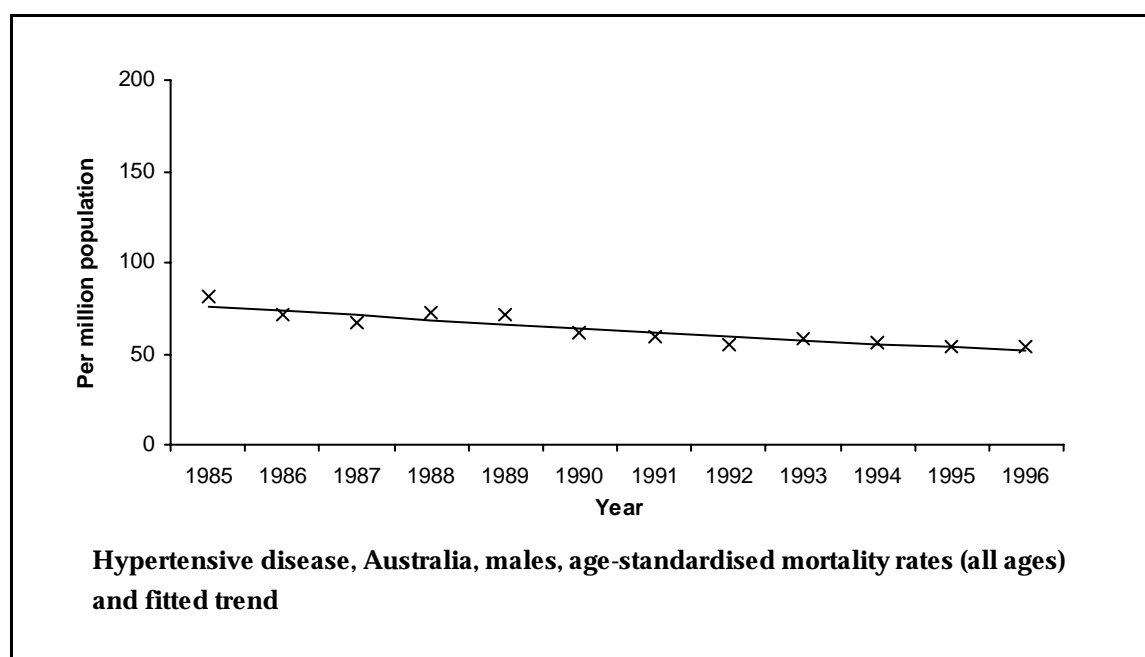
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	0	1	0	2	0	2	0	0	0	1	1	0		
25–34	6	1	2	6	2	3	4	0	1	3	4	4		
35–44	11	4	5	5	10	4	8	7	5	2	8	6		
45–54	23	11	18	24	11	19	16	8	17	14	19	15		
55–59	24	20	17	18	19	15	17	11	15	11	15	12		
60–64	43	35	37	35	41	27	34	38	27	30	22	25		
65–69	53	44	55	48	46	45	46	56	49	42	48	51		
70–74	77	73	74	75	81	67	67	53	75	96	71	69		
75–84	156	160	150	165	152	152	151	151	158	144	141	158		
85+	68	60	54	73	90	71	65	66	80	84	91	100		
Not stated	0	0	1	0	0	0	0	0	0	0	0	0		
25–74	237	188	208	211	210	180	192	173	189	198	187	182		
<b>All ages</b>	<b>461</b>	<b>409</b>	<b>413</b>	<b>451</b>	<b>452</b>	<b>405</b>	<b>408</b>	<b>390</b>	<b>427</b>	<b>427</b>	<b>420</b>	<b>440</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	0	0	1	0	1	0	0	0	0	0	0		
25–34	5	1	1	4	1	2	3	0	1	2	3	3	-2.9	89.1
35–44	10	3	4	4	8	3	6	5	4	1	6	4	-4.3	17.8
45–54	29	14	22	28	12	21	17	8	16	13	17	13	-5.5 *	3.7
55–59	62	52	45	48	51	41	46	29	39	28	37	29	-5.9 *	-4.7
60–64	125	100	104	97	112	73	93	105	75	84	62	71	-4.4 *	-0.3
65–69	209	165	197	164	150	143	144	172	149	126	143	151	-2.8 *	16.7
70–74	375	349	348	353	382	307	293	222	299	364	263	250	-3.0 *	-8.6
75–84	822	804	721	760	670	646	620	603	616	550	518	554	-4.0 **	9.2
85+	2,098	1,729	1,489	1,927	2,251	1,708	1,470	1,394	1,589	1,577	1,603	1,658	-1.9	12.2
<b>All ages: Crude and age-standardised rates (per million population)</b>														
<b>Crude</b>	58	51	51	55	54	48	47	45	49	48	47	48		
<b>Age std</b>	81	71	67	72	71	61	59	55	58	56	53	54	-3.5 **	7.7
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
<b>Crude</b>	54	42	45	45	44	37	39	34	37	38	35	34		
<b>Age std</b>	56	44	48	47	47	39	40	36	38	39	36	35	-3.7 **	2.8

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.





**ICD-9: 401-405  
Hypertensive disease**
**Australia  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	1	0	0	0	0	1	0	0	0	0	0		
25-34	0	1	1	1	0	1	0	1	0	0	0	0	0		
35-44	3	3	4	6	5	1	4	2	6	4	7	2	2		
45-54	10	8	9	9	14	9	6	6	13	6	9	6	6		
55-59	13	17	5	9	13	9	5	11	14	9	12	10	10		
60-64	33	25	16	28	16	19	19	24	22	9	13	25	25		
65-69	44	40	36	43	45	35	48	40	32	40	26	31	31		
70-74	91	85	73	70	65	61	64	74	65	62	57	61	61		
75-84	270	242	263	259	267	235	222	233	267	251	243	215	215		
85+	258	255	237	247	273	274	253	292	291	310	314	310	310		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25-74	194	179	144	166	158	135	146	158	152	130	124	135	135		
<b>All ages</b>	<b>722</b>	<b>676</b>	<b>645</b>	<b>672</b>	<b>698</b>	<b>644</b>	<b>621</b>	<b>684</b>	<b>710</b>	<b>691</b>	<b>681</b>	<b>660</b>	<b>660</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25-34	0	1	1	1	0	1	0	1	0	0	0	0	0		
35-44	3	3	3	5	4	1	3	2	4	3	5	1	1	-0.6	-61.9
45-54	13	10	11	11	17	10	7	6	13	6	8	5	5	-6.2 *	-27.9
55-59	35	46	14	25	36	25	14	30	37	23	30	25	25	-1.8	-5.6
60-64	91	68	43	76	43	51	51	66	61	25	36	70	70	-3.9	91.0 *
65-69	150	132	114	131	131	100	137	113	90	113	73	87	87	-4.4 **	-1.7
70-74	351	322	273	262	245	225	227	253	214	195	176	187	187	-5.4 **	7.7
75-84	902	780	815	773	766	653	599	612	688	635	599	511	511	-4.0 **	-9.4
85+	2,905	2,696	2,438	2,475	2,645	2,594	2,299	2,525	2,388	2,431	2,337	2,189	2,189	-1.7 **	-4.9
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	91	84	79	81	83	75	72	78	80	77	75	72	72		
Age std	81	73	67	68	69	61	58	61	61	57	54	51	51	-3.5 **	-2.3
<b>Ages 25-74: Crude and age-standardised rates (per million population)</b>															
Crude	44	40	31	35	33	28	29	31	30	25	23	25	25		
Age std	41	36	29	33	31	26	28	29	28	23	22	24	24	-4.6 **	9.5

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410–414  
Ischaemic heart disease**

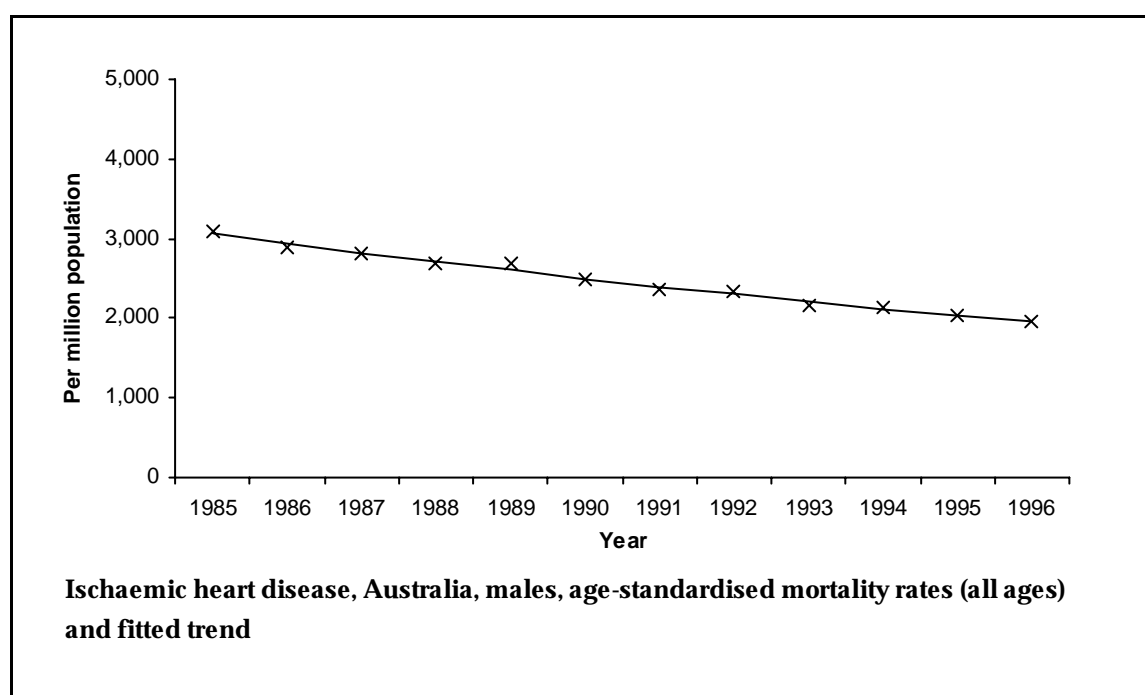
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	4	6	10	5	1	11	11	5	5	7	8	6			
25–34	53	48	55	59	52	52	42	50	41	55	51	52			
35–44	348	399	316	388	318	321	309	289	285	250	288	269			
45–54	1,236	1,161	1,123	1,064	1,022	946	906	940	852	871	864	858			
55–59	1,459	1,331	1,283	1,163	1,073	1,042	892	848	836	722	778	698			
60–64	2,129	2,148	1,973	1,889	1,874	1,682	1,595	1,533	1,362	1,233	1,156	1,143			
65–69	2,635	2,529	2,562	2,651	2,581	2,518	2,302	2,275	2,181	2,164	1,920	1,847			
70–74	3,378	3,123	3,193	3,063	3,052	2,773	2,771	2,831	2,795	2,735	2,743	2,624			
75–84	5,510	5,485	5,538	5,516	5,949	5,742	5,832	5,894	5,587	5,826	5,597	5,738			
85+	1,881	1,825	1,930	1,939	2,210	2,099	2,089	2,395	2,391	2,652	2,726	2,852			
Not stated	8	2	5	0	0	0	4	3	2	0	2	5			
25–74	11,238	10,739	10,505	10,277	9,972	9,334	8,817	8,766	8,352	8,030	7,800	7,491			
<b>All ages</b>	<b>18,641</b>	<b>18,057</b>	<b>17,988</b>	<b>17,737</b>	<b>18,132</b>	<b>17,186</b>	<b>16,753</b>	<b>17,063</b>	<b>16,337</b>	<b>16,515</b>	<b>16,133</b>	<b>16,092</b>			
<b>Age-specific rates (per million population)</b>															
<25	1	2	3	2	0	3	3	1	1	2	2	2	1.3	-21.8	
25–34	41	36	41	43	37	37	30	35	29	39	36	36	-1.4	10.8	
35–44	311	343	264	314	251	248	234	217	213	185	209	192	-5.1 **	6.3	
45–54	1,554	1,433	1,351	1,245	1,151	1,024	943	933	810	798	764	732	-7.0 **	8.2	
55–59	3,789	3,459	3,373	3,099	2,891	2,840	2,429	2,266	2,180	1,833	1,913	1,662	-7.1 **	-3.5	
60–64	6,177	6,109	5,552	5,231	5,138	4,573	4,349	4,227	3,804	3,471	3,270	3,230	-6.2 **	2.8	
65–69	10,378	9,506	9,186	9,070	8,408	8,025	7,191	7,001	6,612	6,509	5,728	5,473	-5.5 **	-2.6	
70–74	16,467	14,918	14,998	14,403	14,383	12,727	12,127	11,834	11,154	10,367	10,158	9,504	-4.8 **	-1.5	
75–84	29,039	27,551	26,620	25,423	26,223	24,402	23,960	23,536	21,781	22,252	20,569	20,102	-3.1 **	-1.3	
85+	58,043	52,583	53,236	51,181	55,278	50,498	47,241	50,585	47,489	49,774	48,019	47,296	-1.4 **	1.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,365	2,257	2,216	2,150	2,162	2,019	1,945	1,958	1,857	1,858	1,794	1,767			
Age std	3,102	2,895	2,807	2,693	2,700	2,487	2,354	2,334	2,169	2,141	2,023	1,955	-4.0 **	0.3	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,555	2,386	2,283	2,184	2,073	1,904	1,771	1,733	1,629	1,542	1,473	1,389			
Age std	2,661	2,480	2,378	2,290	2,186	2,005	1,851	1,799	1,676	1,571	1,498	1,415	-5.6 **	0.0	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



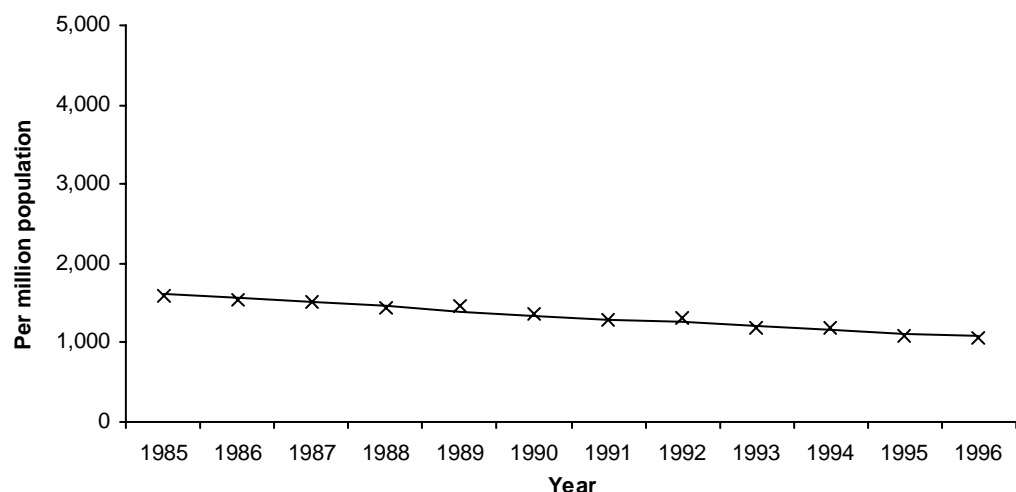
**ICD-9: 410–414**  
**Ischaemic heart disease**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	2	0	2	3	1	2	0	2	2	1	2	3		
25–34	12	14	13	8	13	11	13	12	17	10	10	15		
35–44	70	60	64	52	55	62	46	63	59	53	61	57		
45–54	285	273	250	222	230	187	170	196	170	174	182	161		
55–59	365	379	346	310	275	239	234	272	226	206	178	198		
60–64	749	751	647	624	610	594	509	504	466	411	385	355		
65–69	1,146	1,243	1,205	1,160	1,128	1,136	1,007	947	874	846	756	693		
70–74	2,093	1,967	1,962	1,907	1,852	1,796	1,678	1,640	1,601	1,498	1,466	1,366		
75–84	5,341	5,289	5,479	5,433	5,752	5,503	5,413	5,758	5,186	5,525	5,119	5,084		
85+	3,898	3,970	4,136	4,128	4,591	4,458	4,500	5,024	4,824	5,335	5,321	5,611		
Not stated	1	0	1	0	0	0	0	1	0	1	0	2		
25–74	4,720	4,687	4,487	4,283	4,163	4,025	3,657	3,634	3,413	3,198	3,038	2,845		
<b>All ages</b>	<b>13,962</b>	<b>13,946</b>	<b>14,105</b>	<b>13,847</b>	<b>14,507</b>	<b>13,988</b>	<b>13,570</b>	<b>14,419</b>	<b>13,425</b>	<b>14,060</b>	<b>13,480</b>	<b>13,545</b>		
<b>Age-specific rates (per million population)</b>														
<25	1	0	1	1	0	1	0	1	1	0	1	1		
25–34	9	11	10	6	9	8	9	8	12	7	7	10	-0.4	30.2
35–44	65	54	55	43	44	49	35	48	44	39	44	40	-3.3 *	7.0
45–54	377	355	317	273	272	213	186	204	169	166	167	142	-8.7 **	4.7
55–59	976	1,022	942	853	762	665	652	742	601	534	450	486	-7.0 **	4.0
60–64	2,058	2,042	1,757	1,686	1,646	1,603	1,375	1,380	1,296	1,151	1,079	995	-6.3 **	-4.4
65–69	3,919	4,087	3,812	3,522	3,290	3,259	2,867	2,683	2,460	2,387	2,134	1,954	-6.4 **	-6.1
70–74	8,075	7,455	7,343	7,128	6,967	6,636	5,945	5,606	5,274	4,721	4,539	4,177	-5.7 **	-5.8
75–84	17,840	17,040	16,981	16,222	16,501	15,285	14,594	15,132	13,355	13,988	12,614	12,093	-3.3 **	-4.6 *
85+	43,891	41,971	42,554	41,357	44,483	42,212	40,899	43,447	39,591	41,841	39,611	39,626	-0.7 **	-1.7
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,766	1,739	1,732	1,672	1,722	1,635	1,565	1,643	1,514	1,568	1,485	1,472		
Age std	1,594	1,535	1,504	1,434	1,454	1,367	1,279	1,308	1,178	1,184	1,095	1,055	-3.6 **	-3.1 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,073	1,043	976	910	865	821	733	716	663	611	571	525		
Age std	991	966	908	853	821	781	694	678	623	571	534	495	-6.2 **	-4.2 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.


**Ischaemic heart disease, Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 410  
Acute myocardial infarction**

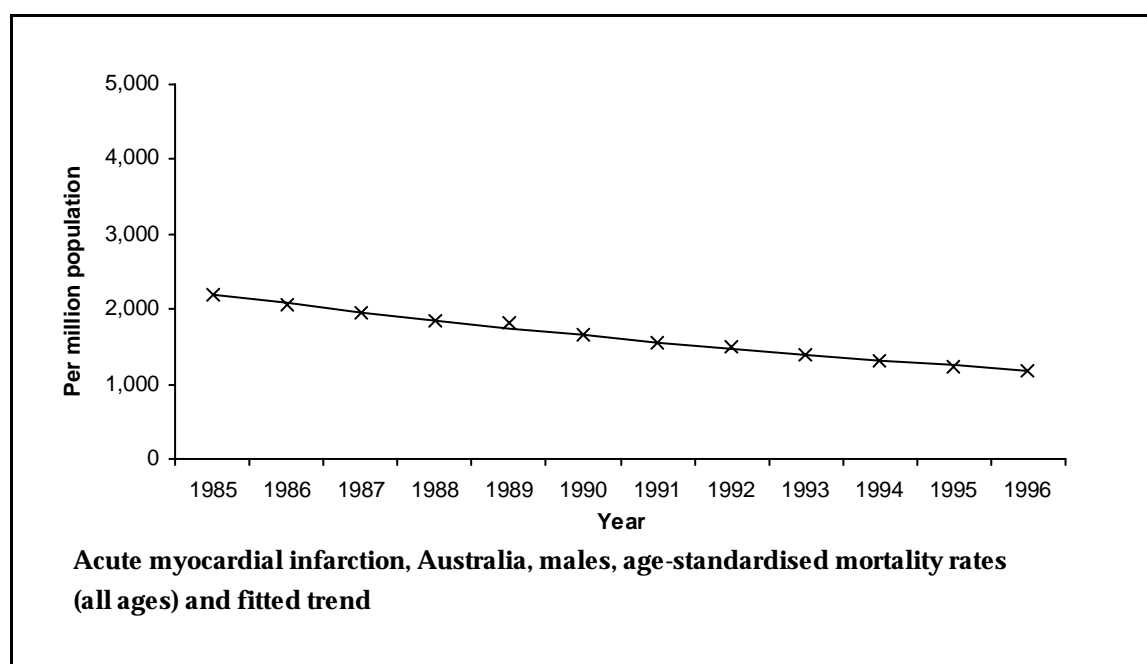
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	3	5	3	4	0	7	7	3	3	3	4	3			
25–34	32	33	37	37	31	29	21	33	23	24	28	27			
35–44	245	300	219	251	195	209	203	170	169	133	149	130			
45–54	919	840	769	726	673	626	585	580	502	542	488	517			
55–59	1,032	976	887	788	742	690	589	546	531	424	462	407			
60–64	1,544	1,591	1,409	1,334	1,315	1,156	1,053	1,021	862	763	706	690			
65–69	1,936	1,890	1,843	1,861	1,799	1,745	1,587	1,505	1,430	1,404	1,206	1,133			
70–74	2,467	2,292	2,357	2,194	2,110	1,888	1,889	1,887	1,787	1,739	1,767	1,601			
75–84	3,935	3,887	3,870	3,859	4,035	3,895	3,886	3,913	3,618	3,678	3,498	3,548			
85+	1,156	1,153	1,175	1,191	1,399	1,311	1,288	1,425	1,374	1,530	1,598	1,605			
Not stated	5	1	1	0	0	0	1	2	0	0	0	1			
25–74	8,175	7,922	7,521	7,191	6,865	6,343	5,927	5,742	5,304	5,029	4,806	4,505			
<b>All ages</b>	<b>23,274</b>	<b>12,968</b>	<b>12,570</b>	<b>12,245</b>	<b>12,299</b>	<b>11,556</b>	<b>11,109</b>	<b>11,085</b>	<b>10,299</b>	<b>10,240</b>	<b>9,906</b>	<b>9,662</b>			
<b>Age-specific rates (per million population)</b>															
<25	1	2	1	1	0	2	2	1	1	1	1	1	-0.8	-23.0	
25–34	25	25	28	27	22	20	15	23	16	17	20	19	-3.9 *	15.4	
35–44	219	258	183	203	154	161	154	128	126	98	108	93	-8.3 **	-1.3	
45–54	1,156	1,037	925	849	758	678	609	575	477	497	431	441	-9.0 **	15.8 *	
55–59	2,680	2,536	2,332	2,100	1,999	1,880	1,604	1,459	1,384	1,076	1,136	969	-8.8 **	-4.9	
60–64	4,479	4,525	3,965	3,694	3,605	3,143	2,871	2,815	2,408	2,148	1,997	1,950	-7.9 **	2.2	
65–69	7,625	7,104	6,608	6,367	5,861	5,561	4,957	4,631	4,335	4,223	3,598	3,358	-7.0 **	-4.5	
70–74	12,026	10,948	11,071	10,316	9,943	8,665	8,267	7,888	7,131	6,592	6,544	5,799	-6.3 **	-3.6	
75–84	20,738	19,525	18,602	17,786	17,786	16,552	15,965	15,625	14,105	14,048	12,855	12,430	-4.4 **	-1.8	
85+	35,671	33,221	32,410	31,437	34,992	31,540	29,127	30,098	27,290	28,716	28,149	26,616	-2.4 **	-1.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,684	1,621	1,548	1,484	1,466	1,358	1,289	1,272	1,171	1,152	1,101	1,061			
Age std	2,183	2,056	1,943	1,845	1,821	1,664	1,554	1,509	1,362	1,323	1,241	1,172	-5.5 **	-0.9	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,858	1,760	1,635	1,528	1,427	1,294	1,190	1,135	1,034	966	908	835			
Age std	1,937	1,830	1,705	1,604	1,505	1,363	1,246	1,180	1,065	985	924	852	-7.3 **	-1.1	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



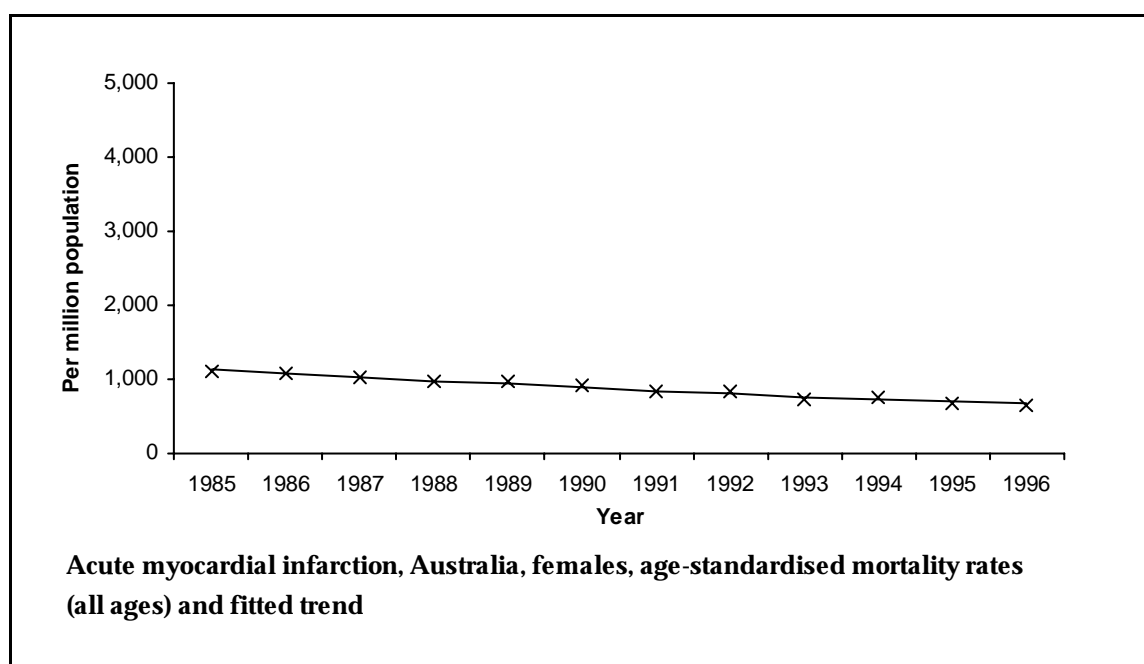
**ICD-9: 410**  
**Acute myocardial infarction**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	2	0	2	1	1	2	0	2	2	0	1	1		
25–34	6	9	9	5	8	9	10	4	11	7	6	9		
35–44	46	31	46	34	38	47	33	41	32	35	33	34		
45–54	199	197	168	155	151	129	123	130	100	97	105	107		
55–59	273	286	260	209	205	173	159	188	152	136	119	128		
60–64	540	564	466	438	451	419	361	354	300	287	259	221		
65–69	869	930	870	879	801	830	692	639	605	565	499	479		
70–74	1,541	1,447	1,447	1,379	1,350	1,302	1,181	1,118	1,069	995	977	880		
75–84	3,744	3,752	3,815	3,786	3,854	3,803	3,742	3,863	3,369	3,651	3,314	3,199		
85+	2,344	2,480	2,403	2,437	2,735	2,653	2,614	2,861	2,732	2,985	2,991	3,044		
Not stated	0	0	0	0	0	0	0	0	0	0	0	1		
25–74	3,474	3,464	3,266	3,099	3,004	2,909	2,559	2,474	2,269	2,122	1,998	1,858		
<b>All ages</b>	<b>9,564</b>	<b>9,696</b>	<b>9,486</b>	<b>9,323</b>	<b>9,594</b>	<b>9,367</b>	<b>8,915</b>	<b>9,200</b>	<b>8,372</b>	<b>8,758</b>	<b>8,304</b>	<b>8,103</b>		
<b>Age-specific rates (per million population)</b>														
<25	1	0	1	0	0	1	0	1	1	0	0	0		
25–34	5	7	7	4	6	6	7	3	8	5	4	6	-0.5	22.1
35–44	43	28	40	28	31	37	25	31	24	26	24	24	-4.2 *	4.1
45–54	263	256	213	191	179	147	134	135	99	92	96	94	-10.1 **	20.0
55–59	730	772	708	575	568	482	443	513	405	353	301	314	-8.2 **	3.2
60–64	1,484	1,533	1,265	1,184	1,217	1,130	975	969	834	804	726	620	-7.3 **	-11.0
65–69	2,972	3,058	2,752	2,669	2,336	2,381	1,970	1,810	1,703	1,594	1,409	1,350	-7.5 **	-0.8
70–74	5,945	5,484	5,415	5,155	5,079	4,811	4,184	3,822	3,522	3,136	3,025	2,691	-6.9 **	-7.8
75–84	12,506	12,088	11,824	11,304	11,056	10,563	10,089	10,152	8,676	9,244	8,166	7,609	-4.2 **	-7.2 **
85+	26,393	26,219	24,724	24,416	26,500	25,121	23,758	24,742	22,422	23,411	22,266	21,497	-1.7 **	-3.8
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,210	1,209	1,165	1,126	1,139	1,095	1,028	1,048	944	977	915	881		
Age std	1,098	1,074	1,020	973	969	923	847	842	742	746	683	641	-4.7 **	-5.0 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	790	771	710	659	624	593	513	488	441	406	376	343		
Age std	730	714	660	617	592	565	485	461	414	379	351	324	-7.3 **	-4.2

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 411–414  
Other ischaemic heart disease**

**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	1	1	7	1	1	4	4	2	2	4	4	4	3		
25–34	21	15	18	22	21	23	21	17	18	31	23	25			
35–44	103	99	97	137	123	112	106	119	116	117	139	139			
45–54	317	321	354	338	349	320	321	360	350	329	376	341			
55–59	427	355	396	375	331	352	303	302	305	298	316	291			
60–64	585	557	564	555	559	526	542	512	500	470	450	453			
65–69	699	639	719	790	782	773	715	770	751	760	714	714			
70–74	911	831	836	869	942	885	882	944	1,008	996	976	1,023			
75–84	1,575	1,598	1,668	1,657	1,914	1,847	1,946	1,981	1,969	2,148	2,099	2,190			
85+	725	672	755	748	811	788	801	970	1,017	1,122	1,128	1,247			
Not stated	3	1	4	0	0	0	3	1	2	0	2	4			
25–74	3,063	2,817	2,984	3,086	3,107	2,991	2,890	3,024	3,048	3,001	2,994	2,986			
<b>All ages</b>	<b>5,367</b>	<b>5,089</b>	<b>5,418</b>	<b>5,492</b>	<b>5,833</b>	<b>5,630</b>	<b>5,644</b>	<b>5,978</b>	<b>6,038</b>	<b>6,275</b>	<b>6,227</b>	<b>6,430</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	2	0	0	1	1	1	1	1	1	1	4.2	-21.8	
25–34	16	11	13	16	15	16	15	12	13	22	16	17	2.1	3.5	
35–44	92	85	81	111	97	86	80	90	87	86	101	99	0.4	8.9	
45–54	399	396	426	395	393	346	334	357	333	301	332	291	-3.0 **	-5.2	
55–59	1,109	922	1,041	999	892	959	825	807	795	757	777	693	-3.6 **	-3.9	
60–64	1,697	1,584	1,587	1,537	1,533	1,430	1,478	1,412	1,397	1,323	1,273	1,280	-2.4 **	0.9	
65–69	2,753	2,402	2,578	2,703	2,547	2,463	2,233	2,369	2,277	2,286	2,130	2,116	-2.1 **	-1.3	
70–74	4,441	3,970	3,927	4,086	4,439	4,062	3,860	3,946	4,023	3,775	3,614	3,705	-1.3 **	-0.2	
75–84	8,301	8,027	8,018	7,637	8,437	7,849	7,995	7,910	7,676	8,204	7,714	7,672	-0.4	-1.8	
85+	22,372	19,362	20,825	19,744	20,285	18,958	18,114	20,487	20,199	21,058	19,870	20,680	-0.0	4.3	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	681	636	667	666	695	661	655	686	686	706	692	706			
Age std	918	839	864	848	879	823	800	825	807	818	782	783	-1.1 **	0.4	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	696	626	649	656	646	610	580	598	594	576	565	554			
Age std	723	650	673	686	681	642	606	619	610	586	574	564	-2.0 **	-0.7	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



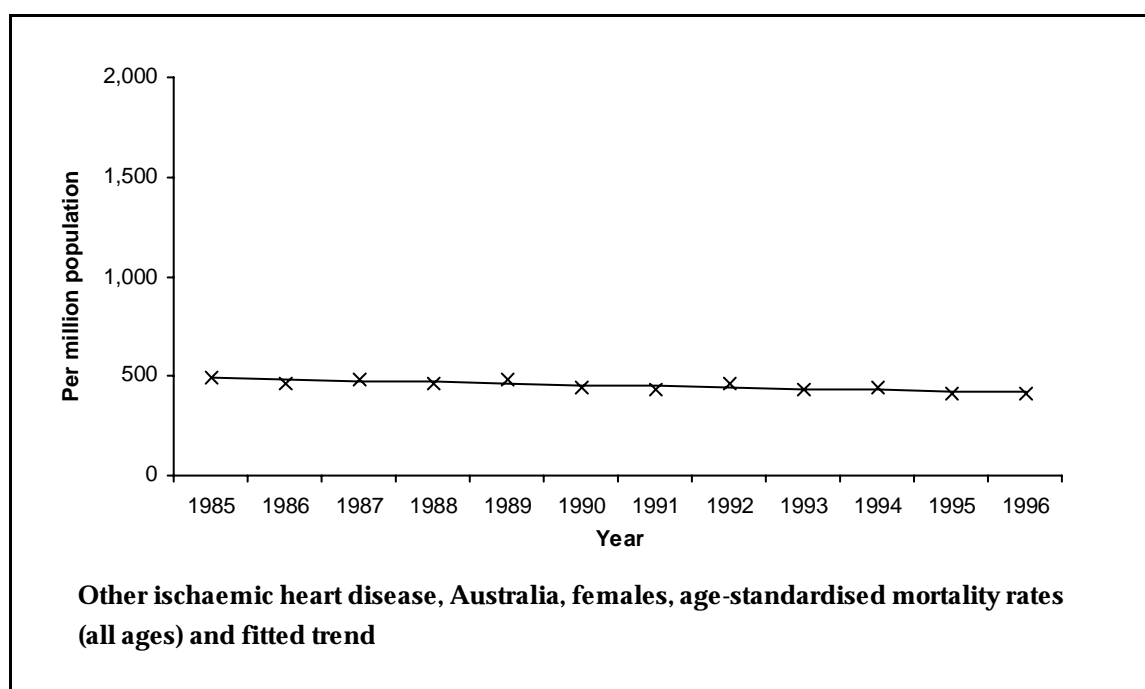
**ICD-9: 411–414**  
**Other ischaemic heart disease**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	0	0	0	2	0	0	0	0	0	1	1	2		
25–34	6	5	4	3	5	2	3	8	6	3	4	6		
35–44	24	29	18	18	17	15	13	22	27	18	28	23		
45–54	86	76	82	67	79	58	47	66	70	77	77	54		
55–59	92	93	86	101	70	66	75	84	74	70	59	70		
60–64	209	187	181	186	159	175	148	150	166	124	126	134		
65–69	277	313	335	281	327	306	315	308	269	281	257	214		
70–74	552	520	515	528	502	494	497	522	532	503	489	486		
75–84	1,597	1,537	1,664	1,647	1,898	1,700	1,671	1,895	1,817	1,874	1,805	1,885		
85+	1,554	1,490	1,733	1,691	1,856	1,805	1,886	2,163	2,092	2,350	2,330	2,567		
Not stated	1	0	1	0	0	0	0	1	0	1	0	1		
25–74	1,246	1,223	1,221	1,184	1,159	1,116	1,098	1,160	1,144	1,076	1,040	987		
<b>All ages</b>	<b>4,398</b>	<b>4,250</b>	<b>4,619</b>	<b>4,524</b>	<b>4,913</b>	<b>4,621</b>	<b>4,655</b>	<b>5,219</b>	<b>5,053</b>	<b>5,302</b>	<b>5,176</b>	<b>5,442</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	0	0	1	0	0	0	0	0	0	0	1		
25–34	5	4	3	2	4	1	2	6	4	2	3	4	-0.3	44.6
35–44	22	26	16	15	14	12	10	17	20	13	20	16	-1.7	11.1
45–54	114	99	104	82	93	66	51	69	70	73	70	47	-5.8 **	-18.7
55–59	246	251	234	278	194	184	209	229	197	182	149	172	-3.9 **	3.7
60–64	574	508	491	503	429	472	400	411	462	347	353	376	-3.8 **	8.1
65–69	947	1,029	1,060	853	954	878	897	873	757	793	726	603	-3.7 **	-17.8 *
70–74	2,130	1,971	1,927	1,974	1,889	1,825	1,761	1,784	1,753	1,585	1,514	1,486	-2.9 **	-3.2
75–84	5,334	4,952	5,157	4,918	5,445	4,722	4,505	4,980	4,679	4,745	4,448	4,484	-1.4 **	-0.3
85+	17,498	15,752	17,830	16,942	17,983	17,091	17,141	18,705	17,169	18,431	17,345	18,129	0.6 *	0.6
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	556	530	567	546	583	540	537	595	570	591	570	591		
Age std	495	461	484	461	485	444	431	466	436	438	412	415	-1.4 **	-1.0
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	283	272	266	252	241	228	220	229	222	206	195	182		
Age std	262	253	248	236	229	217	208	216	209	192	183	172	-3.5 **	-5.5

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



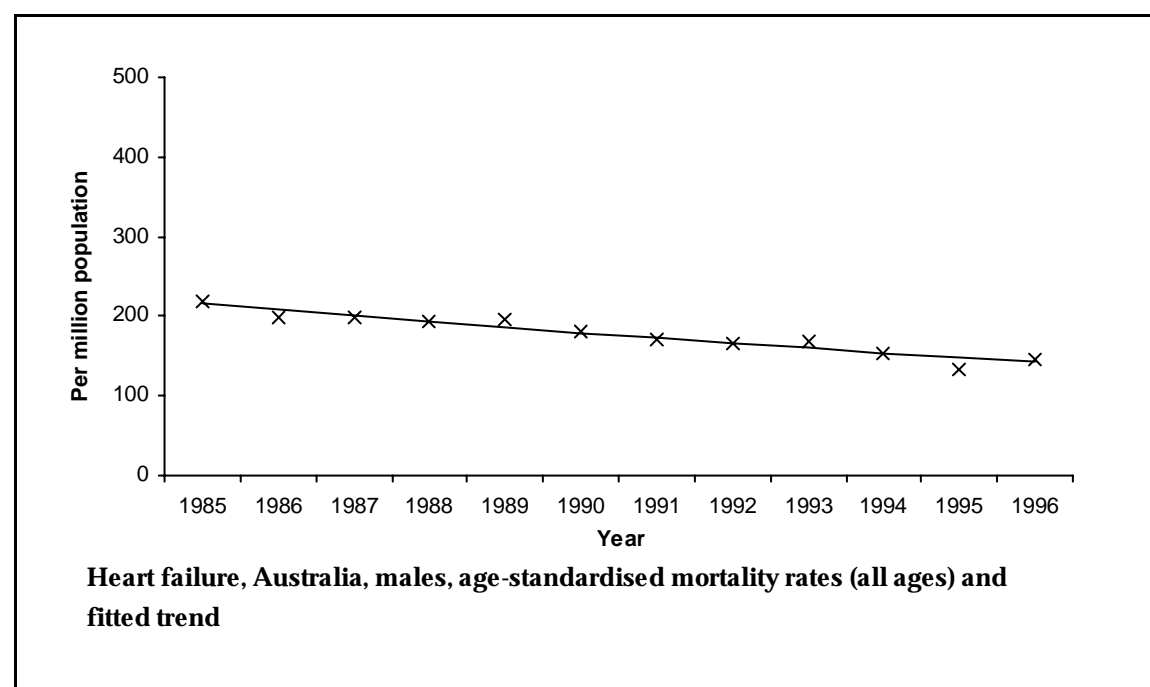
**ICD-9: 428**  
**Heart failure**
**Australia**  
**Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	4	3	1	1	1	0	0	0	0	2	3	1		
25–34	2	1	4	0	0	1	0	0	1	1	1	2		
35–44	1	2	3	4	5	3	5	1	4	4	3	0		
45–54	11	10	14	13	9	8	13	13	10	8	10	10		
55–59	17	19	18	10	18	10	10	13	11	7	7	7		
60–64	34	34	24	28	34	28	23	28	24	25	23	16		
65–69	64	57	57	59	80	71	56	56	49	69	38	36		
70–74	118	92	105	102	105	91	78	89	106	79	89	84		
75–84	469	431	400	462	474	455	460	458	462	453	382	455		
85+	336	347	397	371	391	389	396	406	443	422	408	489		
Not stated	0	0	0	1	0	0	0	0	0	0	0	0		
25–74	247	215	225	216	251	212	185	200	205	193	171	155		
<b>All ages</b>	<b>1,056</b>	<b>996</b>	<b>1,023</b>	<b>1,051</b>	<b>1,117</b>	<b>1,056</b>	<b>1,041</b>	<b>1,064</b>	<b>1,110</b>	<b>1,070</b>	<b>964</b>	<b>1,100</b>		
<b>Age-specific rates (per million population)</b>														
<25	1	1	0	0	0	0	0	0	0	1	1	0		
25–34	2	1	3	0	0	1	0	0	1	1	1	1		
35–44	1	2	3	3	4	2	4	1	3	3	2	0	-2.5	-100.0
45–54	14	12	17	15	10	9	14	13	10	7	9	9	-5.2	2.3
55–59	44	49	47	27	48	27	27	35	29	18	17	17	-8.9 **	-11.5
60–64	99	97	68	78	93	76	63	77	67	70	65	45	-4.4 *	-27.1
65–69	252	214	204	202	261	226	175	172	149	208	113	107	-5.7 **	-27.0
70–74	575	439	493	480	495	418	341	372	423	299	330	304	-5.0 **	-1.2
75–84	2,472	2,165	1,923	2,129	2,089	1,934	1,890	1,829	1,801	1,730	1,404	1,594	-3.7 **	4.5
85+	10,368	9,998	10,951	9,793	9,780	9,359	8,955	8,575	8,799	7,920	7,187	8,109	-3.1 **	8.8
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	134	124	126	127	133	124	121	122	126	120	107	121		
Age std	220	199	198	194	196	181	172	167	167	154	133	146	-3.8 **	3.7
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	56	48	49	46	52	43	37	40	40	37	32	29		
Age std	60	51	52	50	56	47	39	42	41	38	33	29	-5.2 **	-13.7

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.





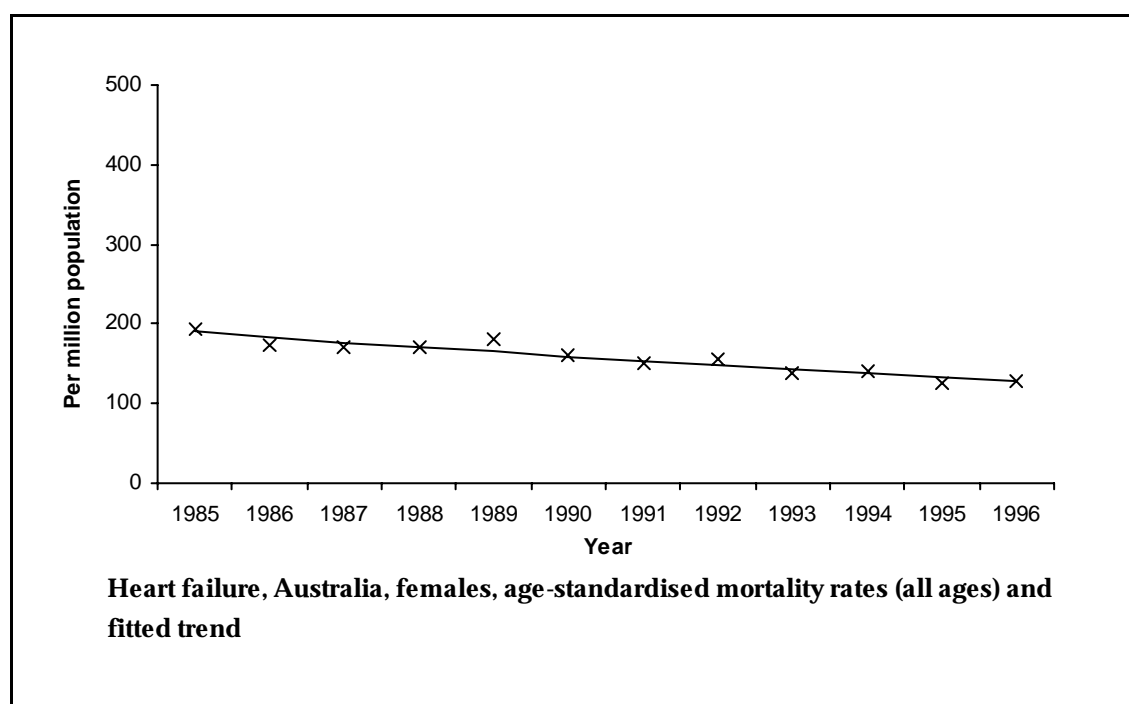
**ICD-9: 428**  
**Heart failure**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	3	2	0	2	0	1	1	0	1	0	0	0			
25-34	2	2	1	1	1	2	1	0	2	1	0	1			
35-44	0	2	6	3	3	2	3	4	2	1	1	2			
45-54	10	8	5	4	7	4	2	4	4	2	8	4			
55-59	8	6	7	8	5	8	5	10	8	6	7	7			
60-64	34	26	11	26	21	17	15	21	7	11	10	13			
65-69	47	46	43	50	39	29	35	42	29	37	26	22			
70-74	123	104	92	71	94	88	76	93	82	82	62	53			
75-84	584	555	584	573	645	620	554	588	558	563	521	512			
85+	961	933	950	1,038	1,110	993	1,018	1,100	1,016	1,130	1,080	1,195			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25-74	224	194	165	163	170	150	137	174	134	140	114	102			
<b>All ages</b>	<b>1,772</b>	<b>1,684</b>	<b>1,699</b>	<b>1,776</b>	<b>1,925</b>	<b>1,764</b>	<b>1,710</b>	<b>1,862</b>	<b>1,709</b>	<b>1,833</b>	<b>1,715</b>	<b>1,809</b>			
<b>Age-specific rates (per million population)</b>															
<25	1	1	0	1	0	0	0	0	0	0	0	0			
25-34	2	2	1	1	1	1	1	0	1	1	0	1			
35-44	0	2	5	2	2	2	2	3	1	1	1	1	-5.6	2.9	
45-54	13	10	6	5	8	5	2	4	4	2	7	4	-10.0 *	18.7	
55-59	21	16	19	22	14	22	14	27	21	16	18	17	-0.6	-9.0	
60-64	93	71	30	70	57	46	41	57	19	31	28	36	-8.9 **	46.4	
65-69	161	151	136	152	114	83	100	119	82	104	73	62	-7.1 **	-17.4	
70-74	475	394	344	265	354	325	269	318	270	258	192	162	-6.8 **	-23.5	
75-84	1,951	1,788	1,810	1,711	1,850	1,722	1,494	1,545	1,437	1,425	1,284	1,218	-3.9 **	-6.4	
85+	10,821	9,864	9,774	10,399	10,755	9,403	9,252	9,513	8,338	8,862	8,040	8,439	-2.3 **	3.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	224	210	209	214	228	206	197	212	193	204	189	197			
Age std	192	174	170	172	180	161	150	157	138	141	127	127	-3.5 **	-1.6	
<b>Ages 25-74: Crude and age-standardised rates (per million population)</b>															
Crude	51	43	36	35	35	31	27	34	26	27	21	19			
Age std	47	40	33	32	33	29	26	32	24	24	20	18	-7.0 **	-11.7	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 430–438  
Cerebrovascular disease**

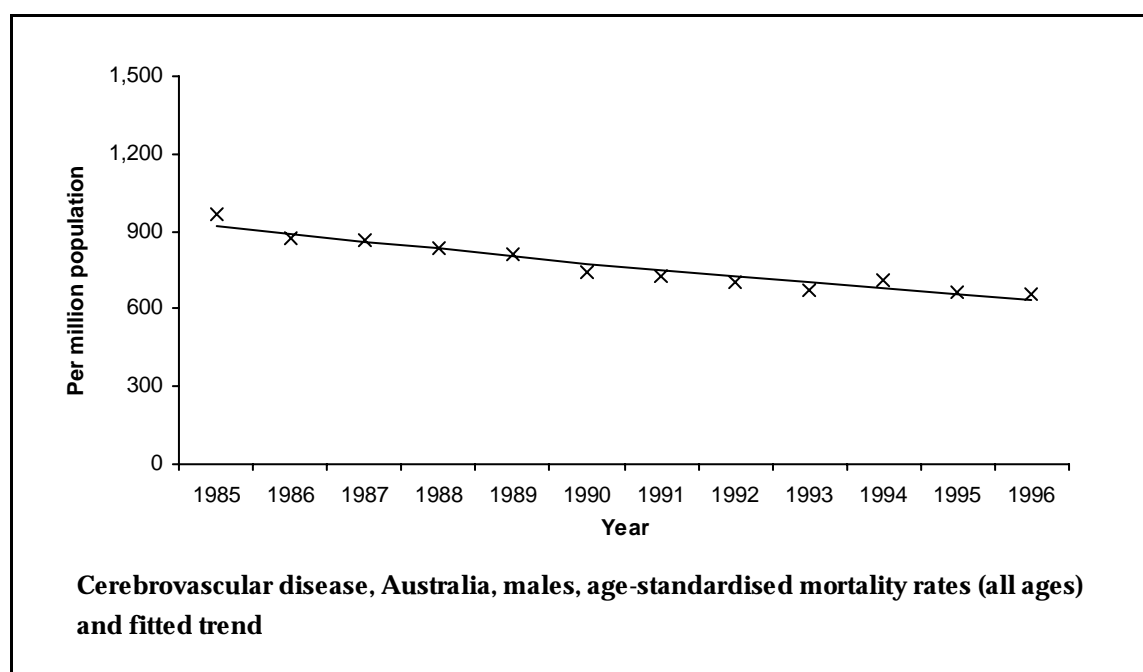
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	24	20	8	19	16	19	6	15	5	17	6	11			
25–34	25	36	17	26	37	26	33	20	21	24	17	19			
35–44	76	64	66	69	66	65	68	67	54	56	68	63			
45–54	197	169	176	126	132	172	147	134	136	128	146	157			
55–59	228	211	199	139	161	143	147	133	114	136	124	123			
60–64	363	341	334	315	290	308	278	236	235	248	218	199			
65–69	534	540	489	513	562	455	473	476	422	414	420	421			
70–74	891	821	831	784	762	696	651	681	726	729	730	691			
75–84	2,020	1,900	1,981	2,080	2,004	1,956	2,029	2,072	1,999	2,210	2,078	2,141			
85+	915	898	973	963	1,027	952	997	1,026	1,107	1,298	1,301	1,380			
Not stated	3	0	1	0	0	0	0	0	0	0	0	0			
25–74	2,314	2,182	2,112	1,972	2,010	1,865	1,797	1,747	1,708	1,735	1,723	1,673			
<b>All ages</b>	<b>5,276</b>	<b>5,000</b>	<b>5,075</b>	<b>5,034</b>	<b>5,057</b>	<b>4,792</b>	<b>4,829</b>	<b>4,860</b>	<b>4,819</b>	<b>5,260</b>	<b>5,108</b>	<b>5,205</b>			
<b>Age-specific rates (per million population)</b>															
<25	7	6	2	6	5	6	2	4	1	5	2	3	-7.5 **	35.5	
25–34	19	27	13	19	26	18	23	14	15	17	12	13	-4.4 *	-7.2	
35–44	68	55	55	56	52	50	52	50	40	41	49	45	-3.2 *	7.9	
45–54	248	209	212	147	149	186	153	133	129	117	129	134	-5.7 **	24.6 *	
55–59	592	548	523	370	434	390	400	355	297	345	305	293	-6.2 **	7.2	
60–64	1,053	970	940	872	795	837	758	651	656	698	617	562	-5.2 **	-3.0	
65–69	2,103	2,030	1,753	1,755	1,831	1,450	1,477	1,465	1,279	1,245	1,253	1,248	-5.1 **	10.2	
70–74	4,343	3,922	3,903	3,686	3,591	3,194	2,849	2,847	2,897	2,763	2,703	2,503	-4.8 **	2.1	
75–84	10,646	9,544	9,522	9,587	8,834	8,312	8,336	8,274	7,793	8,441	7,637	7,500	-2.7 **	1.2	
85+	28,235	25,874	26,838	25,419	25,688	22,903	22,546	21,670	21,987	24,361	22,917	22,885	-1.7 **	6.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	669	625	625	610	603	563	561	558	548	592	568	571			
Age std	965	876	866	835	810	741	723	701	674	715	667	655	-3.4 **	4.9 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	526	485	459	419	418	380	361	345	333	333	325	310			
Age std	555	511	484	446	447	405	380	361	344	340	332	316	-5.1 **	5.8 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



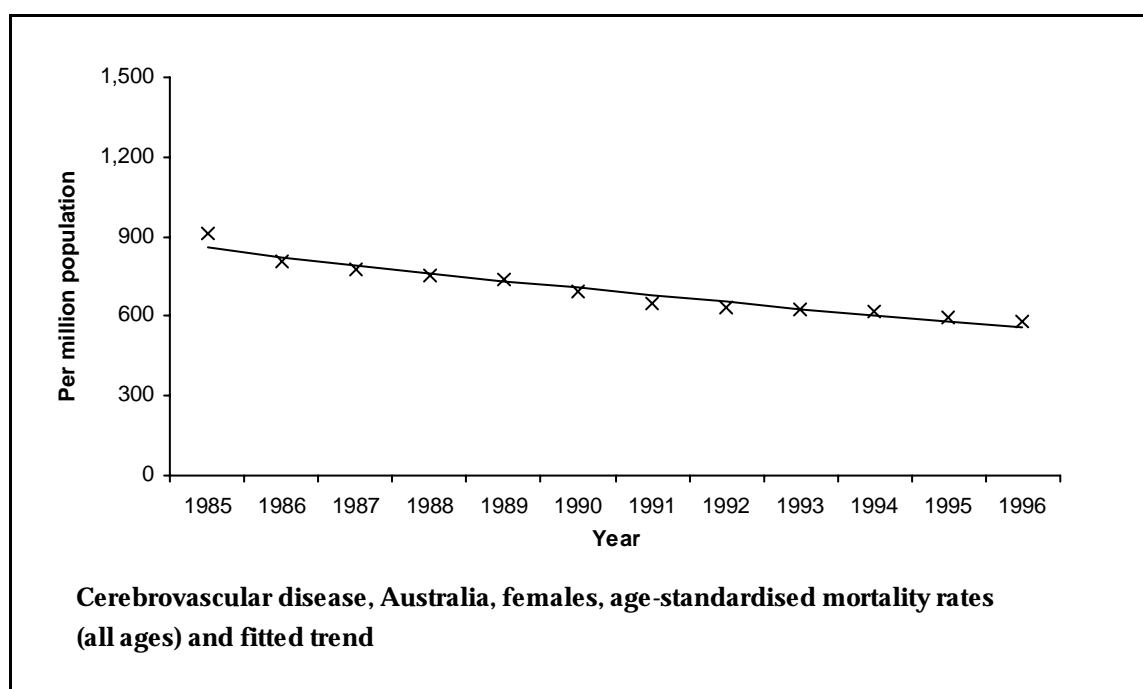
**ICD-9: 430-438  
Cerebrovascular disease**
**Australia  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	16	12	5	11	6	10	10	12	8	10	6	8			
25-34	32	20	25	31	19	18	18	20	17	13	19	14			
35-44	84	58	45	51	61	45	56	50	46	47	50	42			
45-54	144	133	126	114	121	115	123	131	117	104	103	119			
55-59	172	138	128	119	127	96	96	89	79	73	73	79			
60-64	274	253	227	234	204	185	175	178	141	140	128	136			
65-69	450	450	359	378	400	343	346	327	291	305	298	292			
70-74	820	815	739	703	675	631	578	548	605	586	632	570			
75-84	3,047	2,742	2,845	2,857	2,809	2,863	2,649	2,679	2,861	2,838	2,776	2,747			
85+	3,094	2,870	2,994	2,909	3,100	2,987	3,003	3,092	3,154	3,462	3,487	3,594			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25-74	1,976	1,867	1,649	1,630	1,607	1,433	1,392	1,343	1,296	1,268	1,303	1,252			
<b>All ages</b>	<b>8,133</b>	<b>7,491</b>	<b>7,493</b>	<b>7,407</b>	<b>7,522</b>	<b>7,293</b>	<b>7,054</b>	<b>7,126</b>	<b>7,319</b>	<b>7,578</b>	<b>7,572</b>	<b>7,601</b>			
<b>Age-specific rates (per million population)</b>															
<25	5	4	2	3	2	3	3	4	2	3	2	2	-4.1	7.8	
25-34	25	15	19	23	14	13	13	14	12	9	13	10	-6.9 **	-0.1	
35-44	78	52	39	42	49	35	43	38	34	35	36	30	-6.0 **	0.6	
45-54	190	173	160	140	143	131	134	136	116	99	94	105	-5.6 **	11.9	
55-59	460	372	349	327	352	267	268	243	210	189	185	194	-7.9 **	16.3	
60-64	753	688	616	632	550	499	473	487	392	392	359	381	-6.6 **	13.9	
65-69	1,539	1,480	1,136	1,148	1,167	984	985	926	819	860	841	823	-5.7 **	13.7	
70-74	3,164	3,089	2,766	2,628	2,539	2,332	2,048	1,873	1,993	1,847	1,957	1,743	-5.5 **	5.3	
75-84	10,177	8,834	8,818	8,530	8,058	7,952	7,142	7,040	7,368	7,185	6,840	6,534	-3.4 **	1.6	
85+	34,838	30,342	30,804	29,145	30,036	28,284	27,293	26,739	25,885	27,152	25,958	25,382	-2.3 **	2.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,029	934	920	894	893	853	814	812	825	845	834	826			
Age std	913	807	779	750	737	695	649	631	622	619	597	577	-3.8 **	4.4 **	
<b>Ages 25-74: Crude and age-standardised rates (per million population)</b>															
Crude	449	415	359	346	334	292	279	265	252	242	245	231			
Age std	419	386	335	327	319	280	266	252	236	226	228	218	-6.0 **	10.0 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 440  
Atherosclerosis**

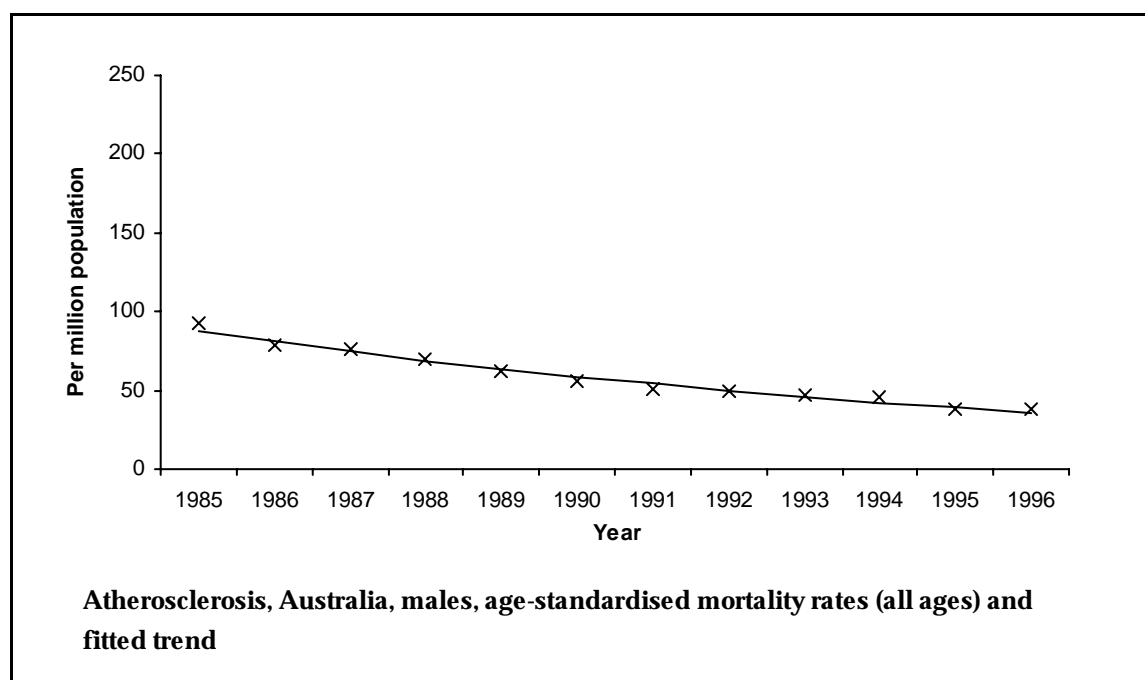
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	0	0	0	0	0	0	0	0	0	0		
35–44	2	0	1	1	1	0	2	0	0	1	0	0	0		
45–54	2	3	3	3	1	2	4	1	0	2	3	2	2		
55–59	8	6	4	5	4	4	5	2	6	4	1	2	2		
60–64	10	10	16	12	7	14	7	10	10	11	6	5	5		
65–69	11	28	24	24	20	18	22	9	21	21	19	18	18		
70–74	53	34	38	48	39	33	34	31	36	48	32	29	29		
75–84	160	153	142	140	134	129	130	135	99	107	107	108	108		
85+	177	153	158	144	137	125	108	128	135	130	111	121	121		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	87	81	86	93	72	71	74	53	73	87	61	56	56		
<b>All ages</b>	<b>424</b>	<b>387</b>	<b>386</b>	<b>377</b>	<b>343</b>	<b>325</b>	<b>312</b>	<b>316</b>	<b>307</b>	<b>324</b>	<b>279</b>	<b>285</b>	<b>285</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	0	0	0	0	0	0	0	0	0	0		
35–44	2	0	1	1	1	0	2	0	0	1	0	0	0		
45–54	3	4	4	4	1	2	4	1	0	2	3	2	2	-6.7	14.9
55–59	21	16	11	13	11	11	14	5	16	10	2	5	5	-9.3 *	-28.1
60–64	29	28	45	33	19	38	19	28	28	31	17	14	14	-4.8	-38.4
65–69	43	105	86	82	65	57	69	28	64	63	57	53	53	-3.7	4.1
70–74	258	162	178	226	184	151	149	130	144	182	119	105	105	-5.4 **	-16.3
75–84	843	769	683	645	591	548	534	539	386	409	393	378	378	-7.2 **	7.4
85+	5,462	4,408	4,358	3,801	3,427	3,007	2,442	2,704	2,681	2,440	1,955	2,007	2,007	-8.5 **	8.6
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	54	48	48	46	41	38	36	36	35	36	31	31	31		
Age std	92	79	76	70	62	56	50	50	46	46	38	38	38	-7.8 **	5.4
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	20	18	19	20	15	14	15	10	14	17	12	10	10		
Age std	21	19	20	21	16	16	16	11	15	17	12	11	11	-5.2 **	-13.2

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



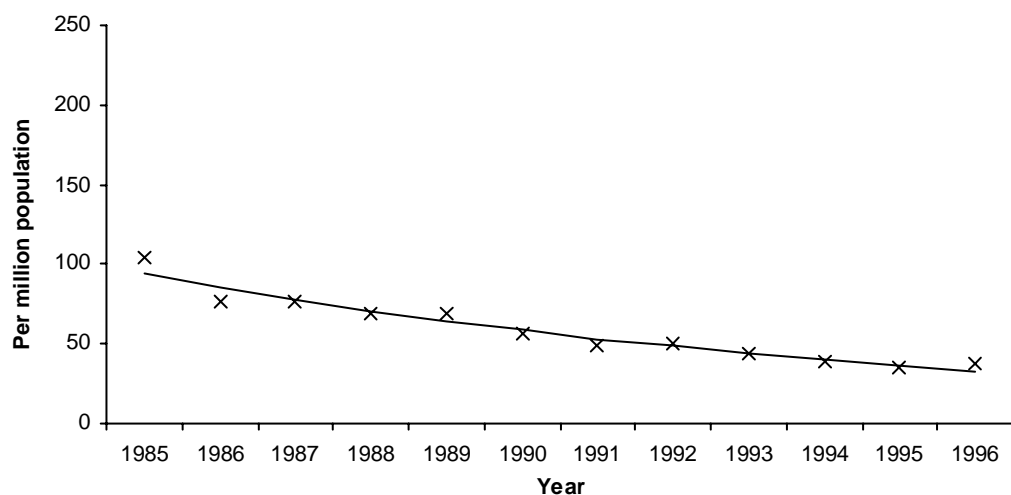
**ICD-9: 440  
Atherosclerosis**
**Australia  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	1	0	0	0	0	0	0	0	0	1	0	0		
25-34	0	1	0	0	0	0	0	0	0	0	0	0		
35-44	2	0	0	0	0	0	0	0	0	1	0	0		
45-54	2	2	2	1	3	0	2	0	1	1	1	1		
55-59	2	3	1	1	1	1	1	3	2	1	2	1		
60-64	8	2	3	4	5	5	4	4	9	4	2	1		
65-69	13	10	14	14	12	11	11	18	10	12	4	17		
70-74	40	40	28	26	31	17	27	27	24	20	19	19		
75-84	274	202	210	209	199	176	148	171	144	116	125	126		
85+	643	497	522	472	498	424	371	378	363	352	339	365		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25-74	67	58	48	46	52	34	45	52	46	39	28	39		
<b>All ages</b>	<b>985</b>	<b>757</b>	<b>780</b>	<b>727</b>	<b>749</b>	<b>634</b>	<b>564</b>	<b>601</b>	<b>553</b>	<b>508</b>	<b>492</b>	<b>530</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	0	0	0	0	0	0	0	0	0	0	0		
25-34	0	1	0	0	0	0	0	0	0	0	0	0		
35-44	2	0	0	0	0	0	0	0	0	1	0	0		
45-54	3	3	3	1	4	0	2	0	1	1	1	1		
55-59	5	8	3	3	3	3	3	8	5	3	5	2		
60-64	22	5	8	11	13	13	11	11	25	11	6	3	-3.7	-76.5
65-69	44	33	44	43	35	32	31	51	28	34	11	48	-2.4	89.0
70-74	154	152	105	97	117	63	96	92	79	63	59	58	-8.3 **	4.7
75-84	915	651	651	624	571	489	399	449	371	294	308	300	-9.5 **	13.2
85+	7,240	5,254	5,371	4,729	4,825	4,015	3,372	3,269	2,979	2,761	2,524	2,578	-8.9 **	16.0 *
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	125	94	96	88	89	74	65	68	62	57	54	58		
Age std	105	77	76	69	69	57	49	50	44	39	36	37	-9.1 **	16.1 **
<b>Ages 25-74: Crude and age-standardised rates (per million population)</b>														
Crude	15	13	10	10	11	7	9	10	9	7	5	7		
Age std	14	12	10	9	10	7	8	10	8	7	5	7	-6.4 **	18.0

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.


**Atherosclerosis, Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 441–444  
Peripheral vascular disease**

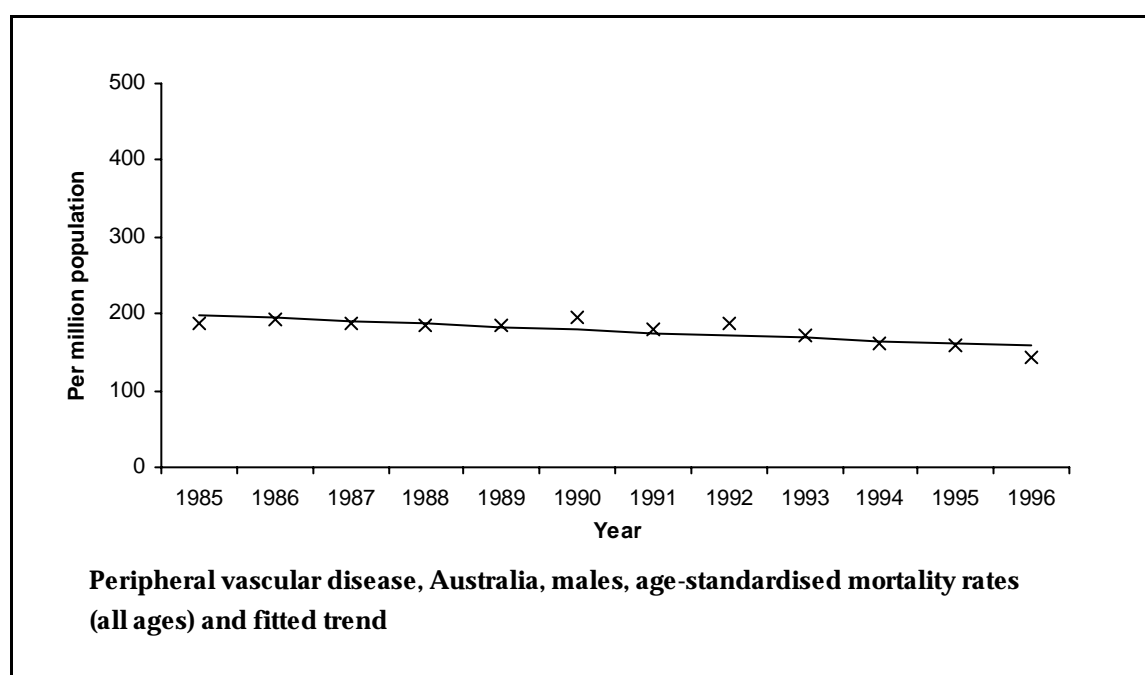
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	1	5	0	1	3	1	1	2	0	0	1	2			
25–34	4	2	4	3	3	4	4	3	1	5	4	2			
35–44	10	8	8	5	10	7	9	8	7	4	12	9			
45–54	19	29	29	23	20	41	23	33	30	25	25	26			
55–59	56	61	40	44	35	28	35	47	24	48	39	39			
60–64	101	110	79	93	101	112	99	112	70	66	71	60			
65–69	135	182	190	179	170	194	187	195	170	176	158	128			
70–74	227	222	246	240	236	237	224	236	246	242	261	219			
75–84	398	430	431	430	492	521	492	522	503	444	485	460			
85+	133	123	134	152	144	170	175	197	210	219	205	212			
Not stated	1	0	0	1	0	0	0	0	0	0	0	0			
25–74	552	614	596	587	575	623	581	634	548	566	570	483			
<b>All ages</b>	<b>1,085</b>	<b>1,172</b>	<b>1,161</b>	<b>1,171</b>	<b>1,214</b>	<b>1,315</b>	<b>1,249</b>	<b>1,355</b>	<b>1,261</b>	<b>1,229</b>	<b>1,261</b>	<b>1,157</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	2	0	0	1	0	0	1	0	0	0	1			
25–34	3	2	3	2	2	3	3	2	1	4	3	1	-1.6	-43.1	
35–44	9	7	7	4	8	5	7	6	5	3	9	6	-1.7	17.8	
45–54	24	36	35	27	23	44	24	33	29	23	22	22	-2.8	-11.5	
55–59	145	159	105	117	94	76	95	126	63	122	96	93	-3.8 *	10.3	
60–64	293	313	222	258	277	305	270	309	196	186	201	170	-3.9 **	-18.9	
65–69	532	684	681	612	554	618	584	600	515	529	471	379	-3.2 **	-24.7 *	
70–74	1,107	1,060	1,155	1,129	1,112	1,088	980	986	982	917	967	793	-2.5 **	-14.4	
75–84	2,098	2,160	2,072	1,982	2,169	2,214	2,021	2,084	1,961	1,696	1,782	1,612	-2.2 **	-11.2	
85+	4,104	3,544	3,696	4,012	3,602	4,090	3,957	4,161	4,171	4,110	3,611	3,516	-0.2	-12.1	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	138	146	143	142	145	155	145	155	143	138	140	127			
Age std	188	193	187	184	184	195	179	188	171	161	159	142	-2.1 **	-13.6 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	125	136	130	125	120	127	117	125	107	109	108	90			
Age std	133	144	138	133	129	136	124	131	111	111	110	92	-2.9 **	-16.7 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



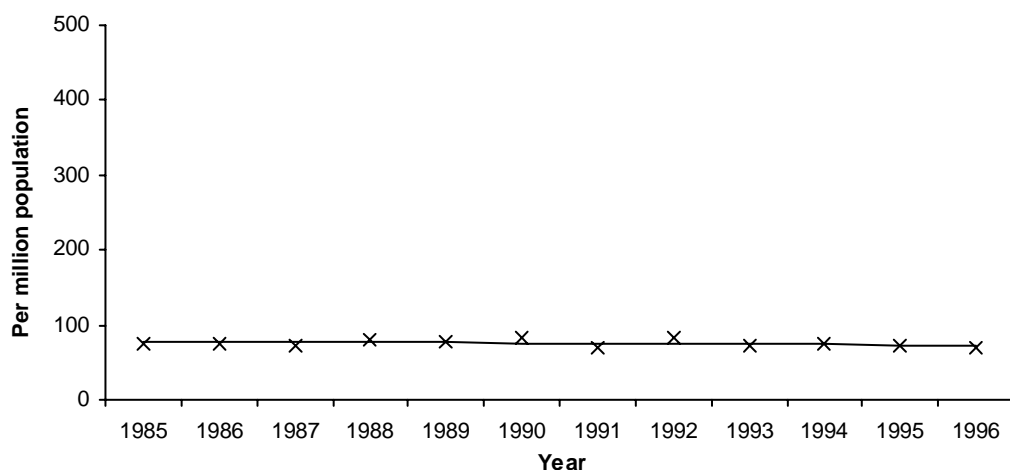
**ICD-9: 441–444**  
**Peripheral vascular disease**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	4	2	2	0	1	0	0	0	0	0	1	0		
25–34	2	0	2	2	1	1	1	1	2	3	2	1		
35–44	1	3	2	5	8	5	2	5	5	5	5	2		
45–54	8	12	8	9	11	8	6	12	9	8	9	7		
55–59	13	15	19	14	13	10	6	18	13	11	8	4		
60–64	28	29	34	26	27	37	19	36	24	30	32	33		
65–69	36	58	48	57	50	66	58	59	75	57	55	50		
70–74	93	82	85	105	97	107	93	98	70	123	94	94		
75–84	266	269	260	285	290	328	293	362	318	331	333	351		
85+	218	225	235	269	295	295	279	314	322	329	322	318		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	181	199	198	218	207	234	185	229	198	237	205	191		
<b>All ages</b>	<b>669</b>	<b>695</b>	<b>695</b>	<b>772</b>	<b>793</b>	<b>857</b>	<b>757</b>	<b>905</b>	<b>838</b>	<b>897</b>	<b>861</b>	<b>860</b>		
<b>Age-specific rates (per million population)</b>														
<25	1	1	1	0	0	0	0	0	0	0	0	0		
25–34	2	0	2	1	1	1	1	1	1	2	1	1		
35–44	1	3	2	4	6	4	2	4	4	4	4	1	1.1	-66.8
45–54	11	16	10	11	13	9	7	12	9	8	8	6	-5.2	-20.7
55–59	35	40	52	39	36	28	17	49	35	29	20	10	-6.6 *	-62.1
60–64	77	79	92	70	73	100	51	99	67	84	90	93	1.0	12.3
65–69	123	191	152	173	146	189	165	167	211	161	155	141	0.3	-21.2
70–74	359	311	318	392	365	395	329	335	231	388	291	287	-1.6	-8.1
75–84	888	867	806	851	832	911	790	951	819	838	821	835	-0.3	-0.4
85+	2,455	2,379	2,418	2,695	2,858	2,793	2,536	2,715	2,643	2,580	2,397	2,246	-0.5	-14.0
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	85	87	85	93	94	100	87	103	94	100	95	93		
Age std	75	76	73	79	79	83	70	82	73	76	71	68	-0.6 *	-9.0 *
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	41	44	43	46	43	48	37	45	38	45	39	35		
Age std	38	41	40	43	41	45	35	43	37	42	36	34	-1.0 *	-14.0 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**Peripheral vascular disease, Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 390–459  
Diseases of the circulatory system**

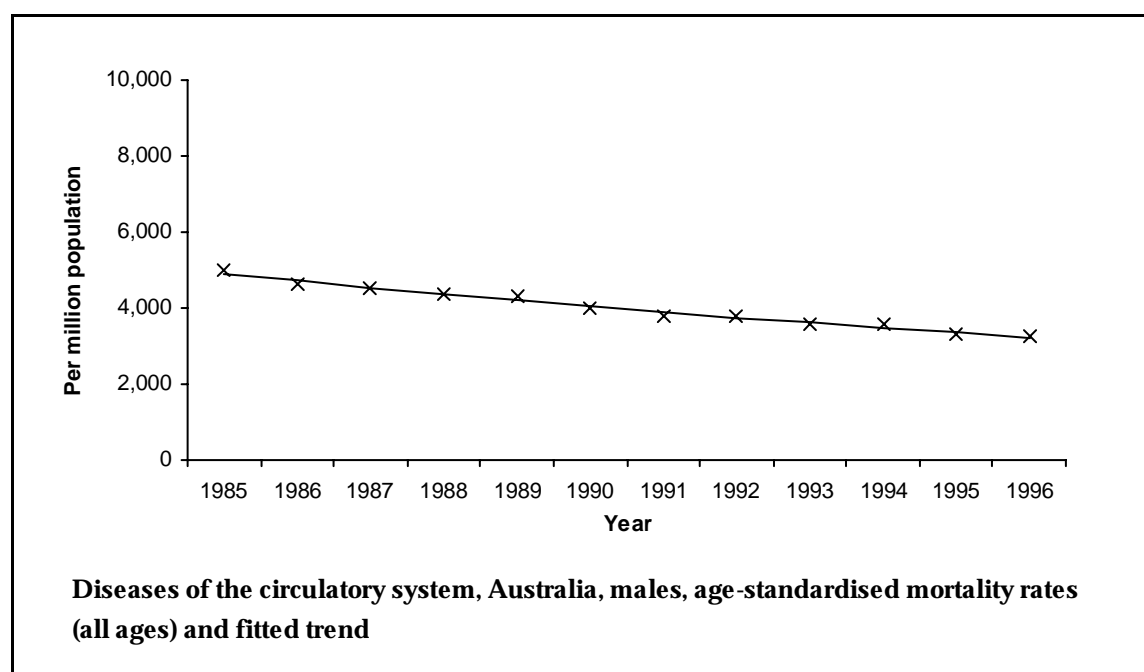
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	92	84	60	73	68	86	60	56	46	68	63	63			
25–34	144	137	122	137	148	134	127	110	115	132	112	122			
35–44	528	542	465	562	493	476	472	449	436	386	457	419			
45–54	1,640	1,546	1,523	1,433	1,339	1,349	1,249	1,273	1,187	1,199	1,215	1,249			
55–59	1,949	1,801	1,725	1,517	1,447	1,363	1,225	1,183	1,134	1,039	1,062	1,016			
60–64	2,873	2,873	2,672	2,576	2,554	2,382	2,243	2,137	1,902	1,771	1,673	1,613			
65–69	3,687	3,586	3,614	3,685	3,725	3,558	3,333	3,325	3,156	3,177	2,838	2,743			
70–74	5,014	4,635	4,813	4,598	4,558	4,157	4,120	4,216	4,263	4,212	4,214	4,010			
75–84	9,247	9,080	9,166	9,300	9,782	9,492	9,658	9,834	9,461	9,887	9,420	9,769			
85+	3,818	3,662	3,912	3,896	4,262	4,036	4,080	4,493	4,670	5,158	5,205	5,541			
Not stated	14	3	9	2	0	0	4	3	2	2	2	5			
25–74	15,835	15,120	14,934	14,508	14,264	13,419	12,769	12,693	12,193	11,916	11,571	11,172			
<b>All ages</b>	<b>29,006</b>	<b>27,949</b>	<b>28,081</b>	<b>27,779</b>	<b>28,376</b>	<b>27,033</b>	<b>26,571</b>	<b>27,079</b>	<b>26,372</b>	<b>27,031</b>	<b>26,261</b>	<b>26,550</b>			
<b>Age-specific rates (per million population)</b>															
<25	28	26	18	22	21	26	18	17	14	20	19	19	-3.6 **	17.7	
25–34	111	104	91	100	106	95	90	77	81	93	79	85	-2.5 **	9.0	
35–44	471	466	388	454	389	367	358	338	326	285	332	299	-4.3 **	4.1	
45–54	2,062	1,908	1,832	1,676	1,508	1,460	1,301	1,263	1,129	1,099	1,074	1,066	-6.4 **	11.9 **	
55–59	5,061	4,680	4,535	4,042	3,899	3,715	3,335	3,162	2,957	2,638	2,611	2,420	-6.6 **	1.0	
60–64	8,335	8,171	7,518	7,133	7,003	6,476	6,115	5,892	5,312	4,985	4,733	4,559	-5.6 **	0.2	
65–69	14,521	13,479	12,958	12,607	12,135	11,339	10,411	10,232	9,568	9,557	8,467	8,129	-5.0 **	-2.2	
70–74	24,442	22,141	22,607	21,620	21,480	19,079	18,031	17,623	17,013	15,966	15,606	14,523	-4.5 **	-1.8	
75–84	48,734	45,609	44,059	42,864	43,119	40,338	39,679	39,269	36,885	37,762	34,618	34,223	-2.9 **	-0.3	
85+	117,814	105,512	107,905	102,838	106,603	97,099	92,266	94,897	92,753	96,807	91,687	91,889	-1.9 **	3.8 *	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	3,680	3,494	3,459	3,368	3,383	3,176	3,084	3,107	2,998	3,041	2,920	2,915			
Age std	4,999	4,625	4,518	4,344	4,327	3,998	3,811	3,768	3,564	3,558	3,336	3,263	-3.7 **	1.4 *	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	3,600	3,359	3,246	3,083	2,965	2,738	2,565	2,510	2,378	2,288	2,185	2,072			
Age std	3,759	3,500	3,389	3,241	3,135	2,888	2,684	2,608	2,448	2,333	2,224	2,110	-5.1 **	0.3	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.





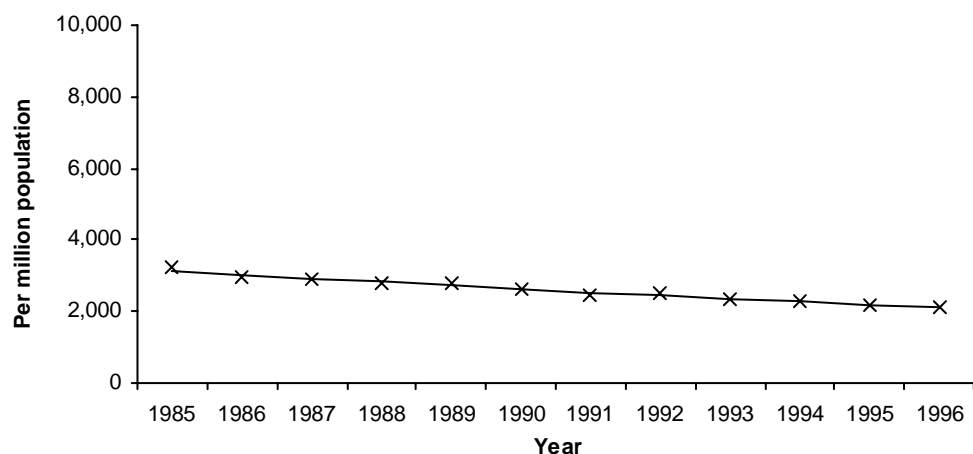
**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	58	52	29	48	40	43	42	55	43	38	41	38		
25–34	85	72	69	79	60	68	57	55	63	54	59	54		
35–44	201	170	167	161	176	145	154	165	162	168	168	158		
45–54	523	520	463	422	466	402	387	425	385	368	371	370		
55–59	646	633	578	528	503	425	407	473	397	365	348	365		
60–64	1,241	1,195	1,039	1,047	988	954	836	862	761	699	644	632		
65–69	1,883	1,994	1,856	1,851	1,843	1,778	1,684	1,592	1,471	1,426	1,299	1,245		
70–74	3,503	3,307	3,209	3,090	3,046	2,906	2,758	2,719	2,671	2,598	2,559	2,416		
75–84	10,502	9,914	10,391	10,288	10,700	10,435	9,965	10,547	10,111	10,407	9,930	9,852		
85+	9,879	9,459	9,793	9,787	10,631	10,096	10,149	10,939	10,804	11,733	11,727	12,308		
Not stated	1	0	3	0	0	0	0	1	0	1	0	2		
25–74	8,082	7,891	7,381	7,178	7,082	6,678	6,283	6,291	5,910	5,678	5,448	5,240		
<b>All ages</b>	<b>28,522</b>	<b>27,316</b>	<b>27,597</b>	<b>27,301</b>	<b>28,453</b>	<b>27,252</b>	<b>26,439</b>	<b>27,833</b>	<b>26,868</b>	<b>27,857</b>	<b>27,146</b>	<b>27,440</b>		
<b>Age-specific rates (per million population)</b>														
<25	19	17	9	15	13	14	13	17	13	12	13	12	-2.2	-4.4
25–34	67	55	52	58	43	49	40	39	45	38	42	38	-4.5 **	6.5
35–44	187	152	144	134	142	114	118	125	121	124	122	112	-3.3 **	3.7
45–54	691	676	586	519	551	457	423	441	382	351	340	325	-6.9 **	5.5
55–59	1,728	1,708	1,574	1,452	1,393	1,183	1,135	1,291	1,057	946	880	896	-6.3 **	4.5
60–64	3,411	3,249	2,821	2,829	2,666	2,574	2,259	2,360	2,116	1,958	1,805	1,772	-5.8 **	1.3
65–69	6,439	6,557	5,871	5,621	5,375	5,101	4,794	4,510	4,140	4,023	3,668	3,510	-5.6 **	-1.2
70–74	13,515	12,533	12,010	11,551	11,459	10,738	9,771	9,294	8,799	8,188	7,923	7,388	-5.3 **	-1.9
75–84	35,078	31,941	32,205	30,718	30,695	28,985	26,866	27,717	26,037	26,349	24,468	23,435	-3.3 **	-2.0
85+	111,236	100,001	100,757	98,053	103,006	95,598	92,241	94,599	88,669	92,019	87,299	86,922	-1.9 **	1.0
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,608	3,407	3,388	3,296	3,376	3,186	3,050	3,171	3,029	3,107	2,990	2,982		
Age std	3,219	2,969	2,903	2,791	2,815	2,629	2,461	2,497	2,323	2,314	2,175	2,111	-3.6 **	-0.1
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,837	1,756	1,605	1,526	1,472	1,361	1,259	1,240	1,148	1,085	1,024	966		
Age std	1,702	1,631	1,497	1,434	1,401	1,300	1,195	1,176	1,080	1,014	959	913	-5.5 **	-0.1

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.


**Diseases of the circulatory system, Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 415–427, 429, 446–459  
Other diseases of the circulatory system**

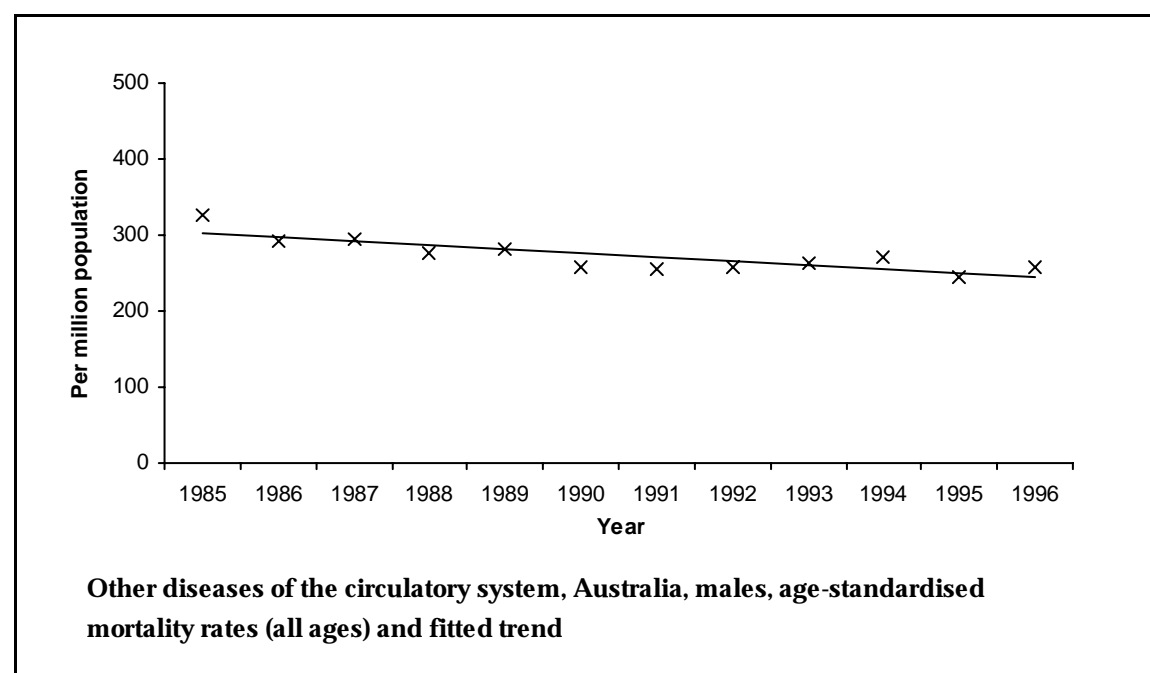
**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	54	47	40	40	39	48	39	31	33	37	40	39		
25–34	45	41	32	39	51	44	42	34	50	41	33	39		
35–44	77	59	60	83	74	71	63	72	76	63	73	69		
45–54	138	148	148	158	134	149	131	138	135	145	137	173		
55–59	144	143	152	130	125	112	110	119	123	106	93	125		
60–64	180	180	195	188	189	195	187	174	162	151	161	156		
65–69	233	189	219	191	246	238	235	238	248	274	217	232		
70–74	249	249	307	261	258	237	272	275	258	266	274	272		
75–84	498	490	487	469	550	510	528	568	619	665	598	669		
85+	293	250	253	250	249	217	239	264	291	346	345	372		
Not stated	2	1	2	0	0	0	0	0	0	1	0	0		
25–74	1,066	1,009	1,113	1,050	1,077	1,046	1,040	1,050	1,052	1,046	988	1,066		
<b>All ages</b>	<b>1,913</b>	<b>1,797</b>	<b>1,895</b>	<b>1,809</b>	<b>1,915</b>	<b>1,821</b>	<b>1,846</b>	<b>1,913</b>	<b>1,995</b>	<b>2,095</b>	<b>1,971</b>	<b>2,146</b>		
<b>Age-specific rates (per million population)</b>														
<25	17	14	12	12	12	14	12	9	10	11	12	12	-3.0 *	18.6
25–34	35	31	24	28	36	31	30	24	35	29	23	27	-1.4	0.3
35–44	69	51	50	67	58	55	48	54	57	47	53	49	-1.8	-0.6
45–54	174	183	178	185	151	161	136	137	128	133	121	148	-3.3 **	26.0 *
55–59	374	372	400	346	337	305	299	318	321	269	229	298	-3.4 **	18.8
60–64	522	512	549	521	518	530	510	480	452	425	455	441	-1.9 *	-0.3
65–69	918	710	785	653	801	758	734	732	752	824	647	688	-1.1	-3.2
70–74	1,214	1,189	1,442	1,227	1,216	1,088	1,190	1,150	1,030	1,008	1,015	985	-2.5 **	-0.9
75–84	2,625	2,461	2,341	2,162	2,424	2,167	2,169	2,268	2,413	2,540	2,198	2,344	-0.4	3.4
85+	9,041	7,203	6,979	6,599	6,228	5,221	5,405	5,576	5,780	6,494	6,077	6,169	-2.3 **	15.1
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	243	225	233	219	228	214	214	219	227	236	219	236		
Age std	328	292	296	275	283	258	256	258	262	270	246	258	-1.9 **	7.3 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	242	224	242	223	224	213	209	208	205	201	187	198		
Age std	251	230	250	231	233	222	217	214	210	204	189	200	-2.2 **	3.7

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



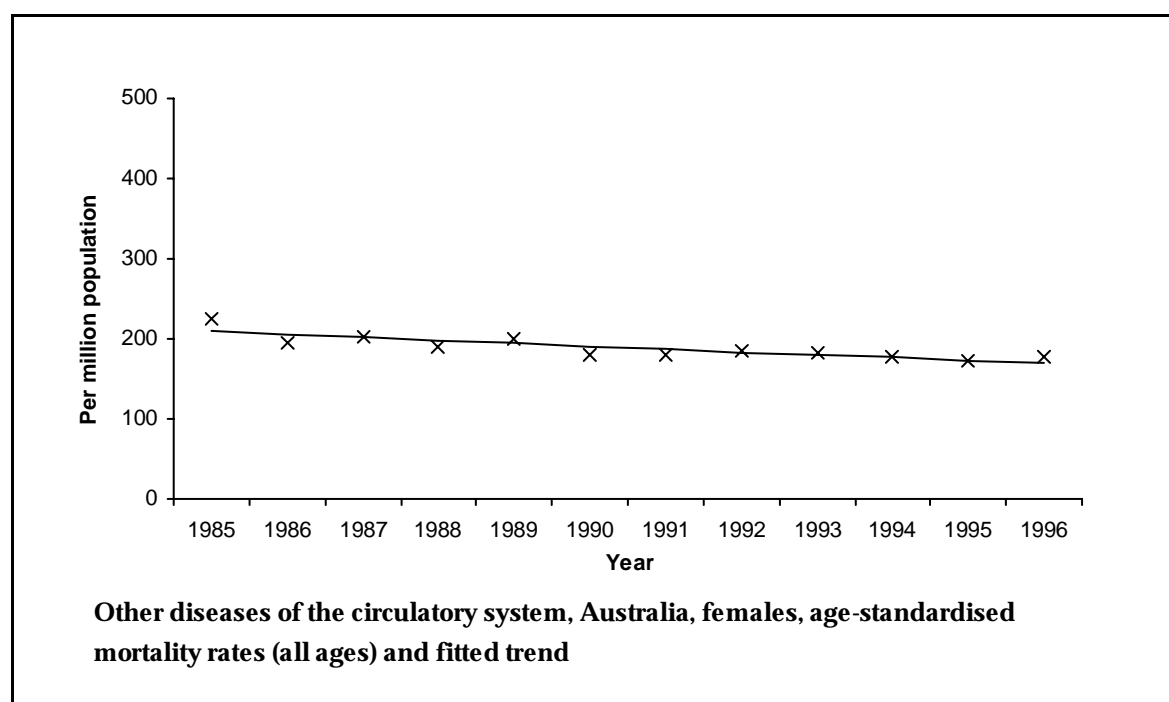
**ICD-9: 415–427, 429, 446–459**  
**Other diseases of the circulatory system**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	31	30	18	28	31	28	29	38	30	25	29	26			
25–34	29	28	23	28	25	31	20	18	24	24	24	21			
35–44	30	34	40	35	35	24	35	38	35	52	33	49			
45–54	51	59	48	46	65	64	58	59	58	61	46	61			
55–59	55	61	48	51	57	48	57	59	40	46	50	51			
60–64	95	86	74	85	88	82	68	81	75	83	54	59			
65–69	108	113	121	110	130	132	148	136	130	114	116	112			
70–74	185	165	193	168	192	175	197	191	182	198	187	215			
75–84	641	550	673	603	643	620	606	674	707	683	731	746			
85+	773	672	685	687	712	637	686	699	784	775	819	874			
Not stated	0	0	2	0	0	0	0	0	0	0	0	0			
25–74	553	546	547	523	592	556	583	582	544	578	510	568			
<b>All ages</b>	<b>1,998</b>	<b>1,798</b>	<b>1,925</b>	<b>1,841</b>	<b>1,978</b>	<b>1,841</b>	<b>1,904</b>	<b>1,993</b>	<b>2,065</b>	<b>2,061</b>	<b>2,089</b>	<b>2,214</b>			
<b>Age-specific rates (per million population)</b>															
<25	10	10	6	9	10	9	9	12	9	8	9	8	-0.1	-13.1	
25–34	23	22	17	21	18	22	14	13	17	17	17	15	-3.3	-0.7	
35–44	28	30	34	29	28	19	27	29	26	38	24	35	0.6	25.4	
45–54	67	77	61	57	77	73	63	61	58	58	42	54	-3.1 *	4.5	
55–59	147	165	131	140	158	134	159	161	106	119	126	125	-2.0	1.1	
60–64	261	234	201	230	237	221	184	222	209	233	151	165	-2.9 *	-10.9	
65–69	369	372	383	334	379	379	421	385	366	322	328	316	-1.2	-9.7	
70–74	714	625	722	628	722	647	698	653	600	624	579	657	-1.1	9.7	
75–84	2,141	1,772	2,086	1,800	1,845	1,722	1,634	1,771	1,821	1,729	1,801	1,774	-1.1 **	5.5	
85+	8,704	7,104	7,048	6,883	6,899	6,032	6,235	6,045	6,434	6,078	6,097	6,172	-2.3 **	9.2	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	253	224	236	222	235	215	220	227	233	230	230	241			
Age std	225	196	204	189	199	181	181	184	183	177	172	177	-1.8 **	5.3 *	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	126	121	119	111	123	113	117	115	106	110	96	105			
Age std	118	115	113	106	119	110	112	110	101	105	91	100	-1.6 **	1.5	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 001–999  
All causes of death**

**Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	3,884	3,630	3,550	3,669	3,367	3,391	3,035	2,960	2,788	2,698	2,663	2,717			
25–34	1,703	1,733	1,723	1,983	2,003	1,974	1,838	1,871	1,842	1,799	1,895	1,895			
35–44	2,001	2,101	2,128	2,300	2,286	2,323	2,361	2,300	2,289	2,390	2,419	2,449			
45–54	4,090	3,878	3,910	3,910	3,909	3,828	3,890	3,941	3,906	3,959	3,950	4,038			
55–59	4,445	4,116	4,128	3,772	3,682	3,503	3,252	3,236	3,213	3,151	3,083	3,051			
60–64	6,492	6,307	6,116	6,227	6,070	5,899	5,659	5,511	5,088	4,958	4,712	4,636			
65–69	7,629	7,535	7,770	7,951	8,366	8,217	7,969	8,138	7,833	7,911	7,531	7,349			
70–74	9,837	9,497	9,648	9,558	9,581	8,976	8,973	9,509	9,516	10,091	9,952	9,987			
75–84	17,252	16,900	17,662	18,542	19,664	18,897	19,313	20,012	19,611	20,545	20,017	21,138			
85+	6,799	6,498	6,958	7,158	7,994	7,642	7,770	8,630	8,997	9,955	10,025	10,932			
Not stated	24	15	16	10	4	8	7	7	6	7	4	14			
25–74	36,197	35,167	35,423	35,701	35,897	34,720	33,942	34,506	33,687	34,259	33,542	33,405			
<b>All ages</b>	<b>64,156</b>	<b>62,210</b>	<b>63,609</b>	<b>65,080</b>	<b>66,926</b>	<b>64,658</b>	<b>64,067</b>	<b>66,115</b>	<b>65,089</b>	<b>67,464</b>	<b>66,251</b>	<b>68,206</b>			
<b>Age-specific rates (per million population)</b>															
<25	1,191	1,112	1,085	1,116	1,017	1,018	906	881	829	802	790	806	-4.0 **	7.8 **	
25–34	1,316	1,315	1,281	1,445	1,432	1,395	1,298	1,318	1,301	1,269	1,333	1,324	-0.3	0.9	
35–44	1,786	1,808	1,777	1,859	1,802	1,791	1,789	1,730	1,710	1,765	1,757	1,746	-0.4	0.6	
45–54	5,144	4,787	4,703	4,574	4,401	4,144	4,051	3,910	3,714	3,627	3,491	3,446	-3.6 **	2.9	
55–59	11,543	10,696	10,853	10,051	9,920	9,547	8,854	8,649	8,377	8,000	7,580	7,267	-4.0 **	-1.3	
60–64	18,835	17,938	17,209	17,243	16,643	16,038	15,429	15,194	14,211	13,956	13,329	13,102	-3.2 **	0.3	
65–69	30,046	28,322	27,859	27,202	27,254	26,186	24,892	25,042	23,746	23,797	22,468	21,778	-2.7 **	-1.9	
70–74	47,952	45,366	45,317	44,943	45,151	41,195	39,270	39,748	37,976	38,251	36,855	36,171	-2.6 **	1.3	
75–84	90,922	84,889	84,898	85,461	86,678	80,306	79,345	79,912	76,455	78,470	73,562	74,052	-1.7 **	0.5	
85+	209,800	187,224	191,924	188,940	199,950	183,852	175,712	182,275	178,693	186,840	176,593	181,291	-1.0 **	3.6 *	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	8,139	7,776	7,835	7,889	7,979	7,597	7,436	7,585	7,398	7,590	7,366	7,489			
Age std	10,543	9,836	9,795	9,751	9,806	9,191	8,851	8,892	8,522	8,615	8,201	8,200	-2.2 **	1.6 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	8,228	7,813	7,699	7,587	7,461	7,083	6,817	6,822	6,569	6,577	6,334	6,194			
Age std	8,523	8,089	7,973	7,898	7,807	7,400	7,074	7,044	6,730	6,689	6,440	6,305	-2.7 **	0.4	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



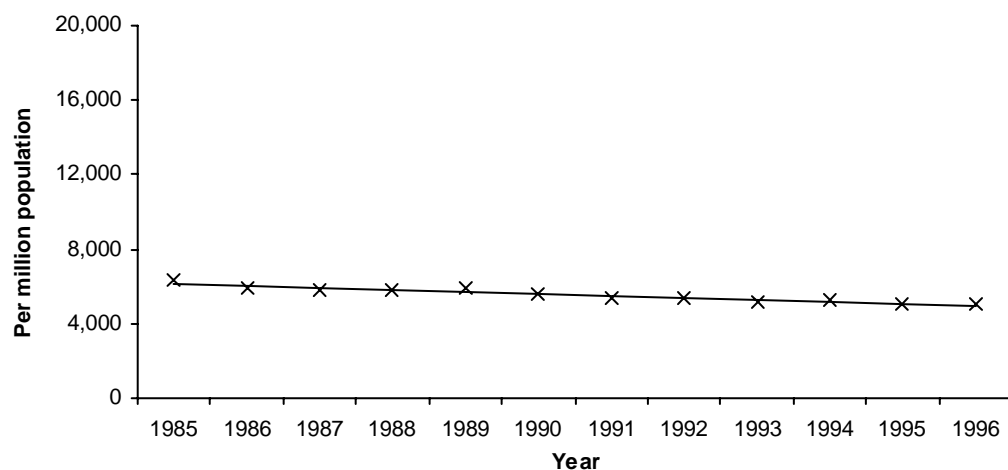
**ICD-9: 001–999**  
**All causes of death**
**Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	2,103	1,944	1,834	1,938	1,828	1,834	1,668	1,644	1,520	1,436	1,506	1,354			
25–34	710	687	686	722	708	700	759	700	644	628	703	660			
35–44	1,102	1,143	1,172	1,226	1,242	1,204	1,216	1,221	1,260	1,274	1,223	1,269			
45–54	2,300	2,157	2,177	2,195	2,221	2,202	2,210	2,300	2,195	2,328	2,364	2,439			
55–59	2,258	2,124	2,012	2,008	1,912	1,791	1,736	1,807	1,763	1,770	1,728	1,823			
60–64	3,362	3,248	3,159	3,218	3,222	3,018	2,949	2,840	2,743	2,622	2,540	2,518			
65–69	4,357	4,586	4,392	4,568	4,716	4,671	4,583	4,471	4,332	4,389	4,227	4,024			
70–74	6,719	6,541	6,399	6,286	6,425	6,173	6,172	6,353	6,312	6,480	6,357	6,301			
75–84	17,003	16,316	17,083	17,698	18,525	18,011	17,995	18,906	18,520	19,280	19,079	19,493			
85+	14,734	14,023	14,790	14,923	16,506	15,797	15,790	17,301	17,221	19,018	19,155	20,629			
Not stated	4	2	6	2	1	1	1	2	0	3	0	3			
25–74	20,808	20,486	19,997	20,223	20,446	19,759	19,625	19,692	19,249	19,491	19,142	19,034			
<b>All ages</b>	<b>54,652</b>	<b>52,771</b>	<b>53,710</b>	<b>54,784</b>	<b>57,306</b>	<b>55,402</b>	<b>55,079</b>	<b>57,545</b>	<b>56,510</b>	<b>59,228</b>	<b>58,882</b>	<b>60,513</b>			
<b>Age-specific rates (per million population)</b>															
<25	674	623	586	616	578	576	522	512	473	447	468	421	-3.9 **	-3.2	
25–34	556	528	516	532	512	500	539	495	456	444	496	461	-1.5 **	-0.0	
35–44	1,025	1,021	1,010	1,018	1,000	944	933	926	944	940	886	901	-1.3 **	1.3	
45–54	3,040	2,805	2,756	2,701	2,628	2,504	2,413	2,389	2,180	2,219	2,164	2,145	-3.1 **	4.3	
55–59	6,038	5,730	5,479	5,524	5,297	4,987	4,840	4,932	4,692	4,590	4,369	4,473	-2.8 **	4.8	
60–64	9,240	8,830	8,577	8,696	8,694	8,142	7,968	7,775	7,628	7,346	7,119	7,060	-2.4 **	0.2	
65–69	14,899	15,081	13,893	13,871	13,754	13,401	13,048	12,667	12,191	12,382	11,934	11,344	-2.4 **	-2.4	
70–74	25,922	24,790	23,948	23,497	24,171	22,809	21,866	21,716	20,795	20,422	19,683	19,268	-2.6 **	-0.6	
75–84	56,793	52,567	52,945	52,842	53,143	50,028	48,515	49,684	47,692	48,814	47,012	46,368	-1.6 **	0.4	
85+	165,903	148,252	152,170	149,510	159,929	149,580	143,510	149,617	141,334	149,154	142,594	145,687	-0.8 **	2.8 **	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	6,913	6,581	6,594	6,614	6,800	6,477	6,354	6,555	6,372	6,605	6,486	6,576			
Age std	6,315	5,906	5,834	5,806	5,888	5,567	5,373	5,425	5,169	5,234	5,055	5,008	-1.9 **	1.0 *	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	4,730	4,558	4,349	4,299	4,250	4,028	3,933	3,881	3,739	3,725	3,598	3,510			
Age std	4,454	4,306	4,126	4,110	4,096	3,897	3,793	3,736	3,584	3,553	3,441	3,374	-2.5 **	0.4	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.


**All causes of death, Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**New South Wales**

**Profiles with graph**

Ischaemic heart disease .....48  
Cerebrovascular disease .....50

**Profiles without graph**

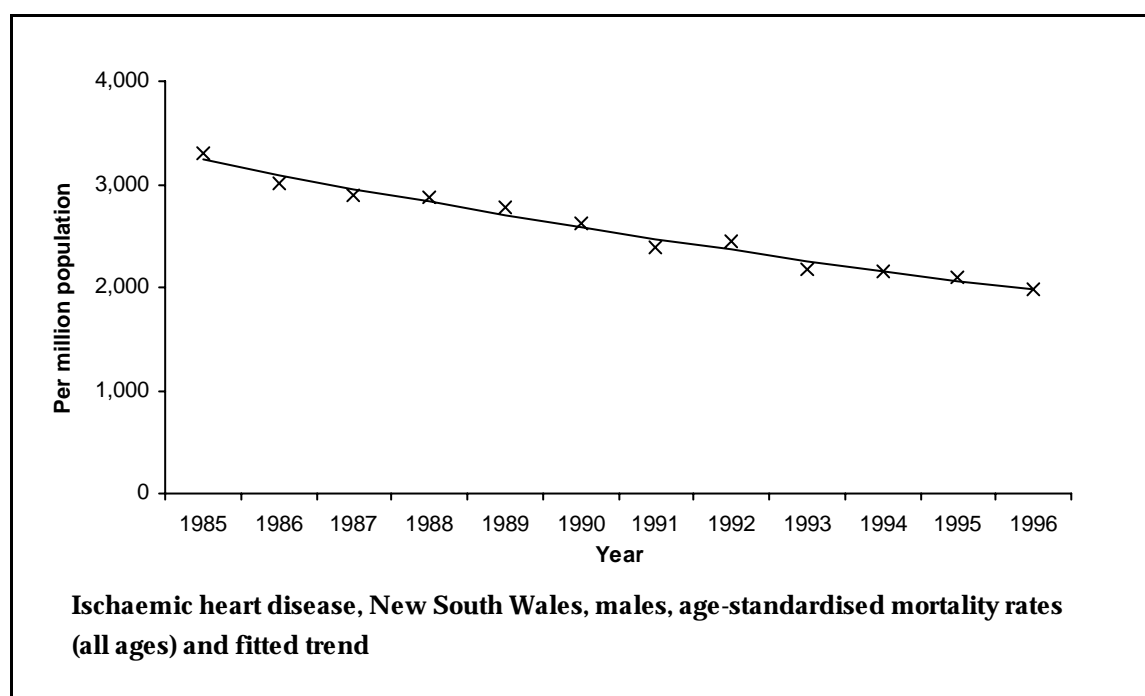
Acute myocardial infarction.....52  
Diseases of the circulatory system.....53

**ICD-9: 410–414  
Ischaemic heart disease**

**New South Wales  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	2	2	1	4	0	2	2	1	3	3	2	2			
25–34	17	23	23	22	16	17	12	20	10	20	21	15			
35–44	146	141	96	156	110	108	109	103	108	83	93	81			
45–54	493	436	411	443	366	360	347	352	309	292	294	279			
55–59	553	516	495	492	383	413	312	331	295	272	263	252			
60–64	814	753	731	734	707	616	594	578	497	425	447	438			
65–69	998	954	973	1,050	926	918	855	847	805	773	677	647			
70–74	1,306	1,162	1,205	1,185	1,143	1,076	971	1,040	985	952	992	928			
75–84	2,013	1,971	1,980	1,948	2,126	2,099	2,079	2,182	1,970	2,117	2,017	2,113			
85+	672	643	658	694	776	745	694	839	778	869	989	944			
Not stated	4	0	2	0	0	0	4	3	2	0	2	5			
25–74	4,327	3,985	3,934	4,082	3,651	3,508	3,200	3,271	3,009	2,817	2,787	2,640			
<b>All ages</b>	<b>7,018</b>	<b>6,601</b>	<b>6,575</b>	<b>6,728</b>	<b>6,553</b>	<b>6,354</b>	<b>5,979</b>	<b>6,296</b>	<b>5,762</b>	<b>5,806</b>	<b>5,797</b>	<b>5,704</b>			
<b>Age-specific rates (per million population)</b>															
<25	2	2	1	4	0	2	2	1	3	3	2	2	1.9	-14.4	
25–34	38	51	50	47	33	35	25	41	21	42	44	31	-2.9	-5.3	
35–44	375	351	232	367	254	246	245	230	239	182	201	171	-6.2 **	-4.6	
45–54	1,748	1,526	1,408	1,481	1,183	1,124	1,047	1,018	862	787	767	705	-7.9 **	1.8	
55–59	4,002	3,743	3,635	3,674	2,912	3,190	2,420	2,526	2,205	1,990	1,869	1,744	-7.5 **	-1.8	
60–64	6,530	5,930	5,711	5,656	5,404	4,697	4,553	4,495	3,933	3,406	3,613	3,546	-5.8 **	6.9	
65–69	10,763	9,847	9,612	9,930	8,400	8,160	7,463	7,312	6,869	6,558	5,720	5,436	-5.9 **	-4.4	
70–74	17,798	15,465	15,704	15,379	14,808	13,666	11,778	12,100	10,979	10,130	10,309	9,461	-5.5 **	0.0	
75–84	30,613	28,423	27,249	25,672	26,766	25,464	24,315	24,723	21,690	22,747	20,914	20,894	-3.2 **	1.2	
85+	61,935	55,556	54,081	54,680	57,760	53,489	46,693	52,944	46,417	48,823	51,943	46,670	-1.9 **	-1.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,577	2,394	2,350	2,367	2,278	2,187	2,036	2,122	1,930	1,928	1,904	1,851			
Age std	3,307	3,003	2,897	2,872	2,772	2,618	2,382	2,454	2,180	2,151	2,089	1,987	-4.4 **	0.7	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,803	2,530	2,446	2,486	2,185	2,070	1,863	1,880	1,713	1,583	1,544	1,437			
Age std	2,849	2,561	2,478	2,529	2,234	2,114	1,887	1,893	1,709	1,567	1,527	1,428	-6.1 **	-0.1	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



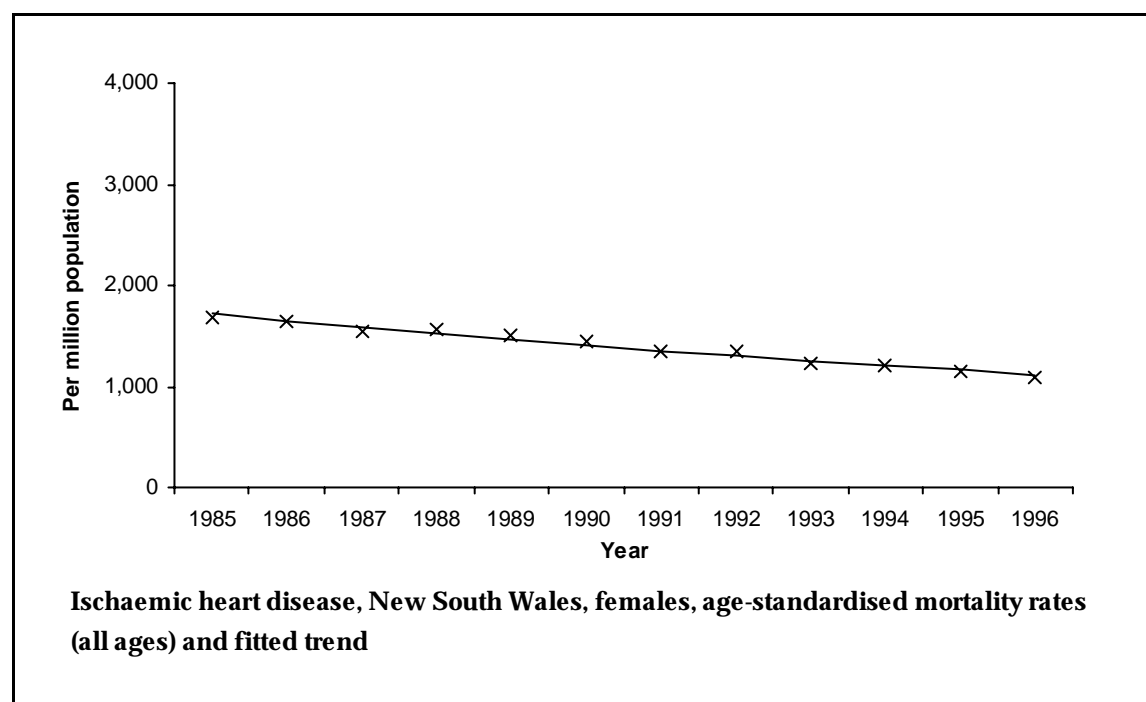
**ICD-9: 410–414**  
**Ischaemic heart disease**
**New South Wales**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	1	0	0	0	1	1	0	2	2			
25–34	5	6	5	3	3	4	6	2	7	3	4	6			
35–44	33	25	30	23	19	20	20	29	23	19	25	20			
45–54	122	123	106	89	94	78	57	66	75	57	69	49			
55–59	165	160	145	130	102	99	99	110	85	74	74	80			
60–64	328	320	232	254	258	228	204	205	179	171	148	131			
65–69	459	486	427	481	410	453	373	340	329	320	316	247			
70–74	789	750	732	778	696	722	658	638	603	550	553	495			
75–84	1,953	2,017	2,034	2,107	2,101	2,023	2,062	2,089	1,906	2,030	1,917	1,883			
85+	1,466	1,465	1,533	1,557	1,678	1,616	1,603	1,817	1,742	1,869	1,899	2,001			
Not stated	0	0	1	0	0	0	0	1	0	1	0	2			
25–74	1,901	1,870	1,677	1,758	1,582	1,604	1,417	1,390	1,301	1,194	1,189	1,028			
<b>All ages</b>	<b>5,320</b>	<b>5,352</b>	<b>5,245</b>	<b>5,423</b>	<b>5,361</b>	<b>5,243</b>	<b>5,082</b>	<b>5,298</b>	<b>4,950</b>	<b>5,094</b>	<b>5,007</b>	<b>4,916</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	1	0	0	0	1	1	0	2	2			
25–34	11	14	11	6	6	8	13	4	15	6	8	12	-0.9	59.2	
35–44	89	65	75	56	45	46	46	65	51	42	54	42	-4.7 *	-0.9	
45–54	455	453	382	312	319	255	180	199	218	160	186	128	-10.6 **	-8.0	
55–59	1,219	1,194	1,093	993	791	777	780	852	645	550	540	568	-7.5 **	11.9	
60–64	2,467	2,385	1,731	1,891	1,928	1,708	1,534	1,565	1,395	1,354	1,177	1,045	-6.7 **	-8.5	
65–69	4,265	4,338	3,684	4,002	3,285	3,579	2,932	2,672	2,576	2,520	2,498	1,954	-6.4 **	-12.3	
70–74	8,371	7,831	7,518	7,968	7,147	7,299	6,397	6,016	5,507	4,818	4,768	4,222	-5.8 **	-10.0	
75–84	18,107	17,996	17,430	17,414	16,729	15,659	15,463	15,261	13,636	14,274	13,158	12,533	-3.4 **	-3.7	
85+	46,027	43,218	44,245	43,940	45,919	43,559	41,268	44,733	40,753	41,824	40,340	40,176	-1.1 **	-1.2	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,941	1,929	1,861	1,893	1,849	1,791	1,715	1,768	1,640	1,671	1,624	1,574			
Age std	1,685	1,636	1,552	1,565	1,498	1,438	1,343	1,351	1,223	1,211	1,154	1,084	-3.8 **	-3.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,228	1,185	1,041	1,069	945	945	823	796	737	667	655	556			
Age std	1,098	1,063	935	964	861	860	745	722	665	600	591	505	-6.5 **	-8.4 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



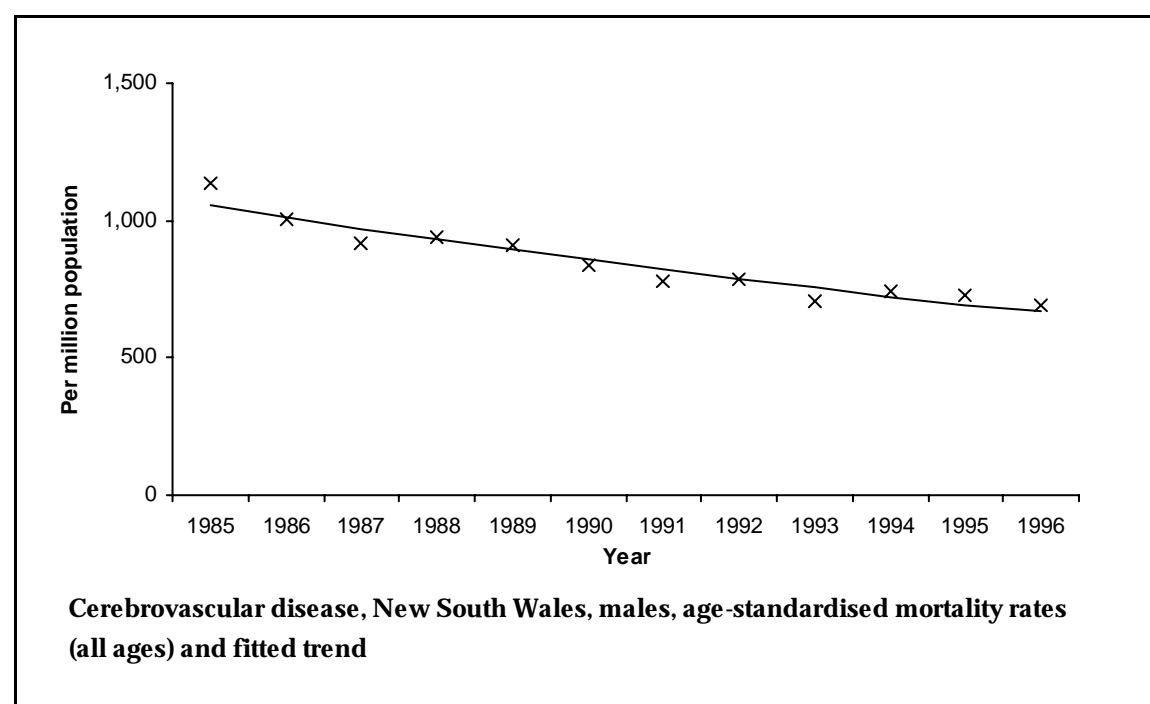


**ICD-9: 430–438  
Cerebrovascular disease**

**New South Wales  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	9	10	2	7	5	6	4	5	3	4	3	5			
25–34	7	11	4	10	14	8	14	7	9	5	6	7			
35–44	30	27	20	26	27	22	23	20	19	17	29	21			
45–54	75	70	64	46	54	69	41	47	47	37	52	33			
55–59	90	91	88	56	58	55	53	62	37	62	46	52			
60–64	154	141	135	134	121	118	111	90	76	90	96	73			
65–69	228	233	187	214	223	173	175	198	152	167	132	140			
70–74	353	341	307	299	319	297	242	275	281	255	283	260			
75–84	819	763	743	840	775	786	780	791	725	818	811	816			
85+	377	328	341	358	389	348	363	402	399	455	481	496			
Not stated	3	0	1	0	0	0	0	0	0	0	0	0			
25–74	937	914	805	785	816	742	659	699	621	633	644	586			
<b>All ages</b>	<b>2,145</b>	<b>2,015</b>	<b>1,892</b>	<b>1,990</b>	<b>1,985</b>	<b>1,882</b>	<b>1,806</b>	<b>1,897</b>	<b>1,748</b>	<b>1,910</b>	<b>1,939</b>	<b>1,903</b>			
<b>Age-specific rates (per million population)</b>															
<25	8	9	2	6	4	5	4	4	3	4	3	4	-7.7	80.6	
25–34	16	24	9	21	29	17	29	14	19	10	13	15	-3.0	-5.5	
35–44	77	67	48	61	62	50	52	45	42	37	63	44	-3.9 *	4.3	
45–54	266	245	219	154	174	215	124	136	131	100	136	83	-8.5 **	-17.6	
55–59	651	660	646	418	441	425	411	473	277	454	327	360	-6.0 **	17.2	
60–64	1,235	1,110	1,055	1,033	925	900	851	700	601	721	776	591	-6.0 **	-3.8	
65–69	2,459	2,405	1,847	2,024	2,023	1,538	1,527	1,709	1,297	1,417	1,115	1,176	-6.6 **	4.2	
70–74	4,811	4,538	4,001	3,881	4,133	3,772	2,935	3,199	3,132	2,713	2,941	2,651	-5.2 **	2.4	
75–84	12,455	11,003	10,225	11,070	9,757	9,535	9,122	8,962	7,982	8,789	8,409	8,069	-3.5 **	4.2	
85+	34,747	28,339	28,027	28,207	28,954	24,986	24,423	25,368	23,805	25,563	25,263	24,522	-2.3 **	5.8	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	788	731	676	700	690	648	615	639	585	634	637	618			
Age std	1,133	1,001	917	943	908	834	777	788	704	746	729	692	-4.1 **	5.2 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	607	580	501	478	488	438	384	402	354	356	357	319			
Age std	626	596	511	493	506	452	391	407	354	352	353	316	-5.9 **	2.0	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



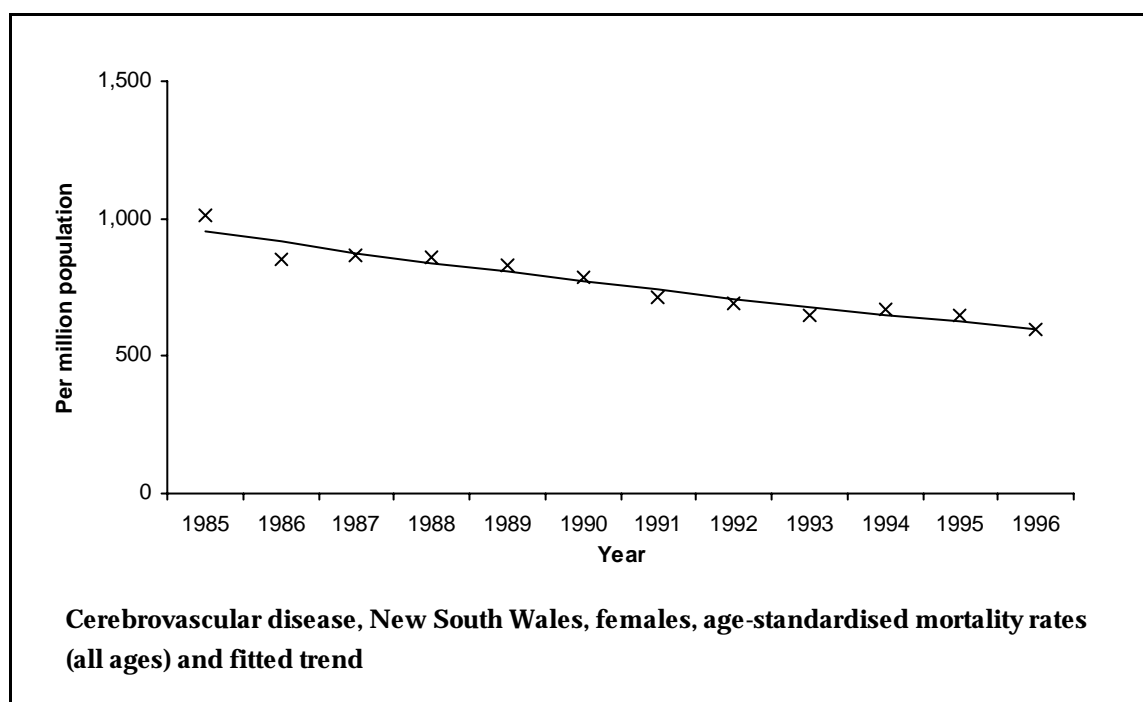
**ICD-9: 430–438  
Cerebrovascular disease**
**New South Wales  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	5	1	1	6	2	5	3	4	2	2	2	2	1		
25–34	11	6	5	7	4	9	6	7	7	3	8	4			
35–44	34	23	20	22	22	16	23	16	10	20	16	11			
45–54	52	46	61	52	51	47	46	53	45	43	34	39			
55–59	79	41	54	49	57	41	30	30	24	21	27	26			
60–64	112	98	94	101	83	73	77	80	62	56	47	62			
65–69	195	187	150	148	155	138	144	135	111	117	109	120			
70–74	340	321	298	301	277	224	251	227	237	230	258	204			
75–84	1,178	1,021	1,124	1,183	1,102	1,144	1,016	1,018	1,066	1,108	1,076	983			
85+	1,231	1,097	1,180	1,157	1,286	1,240	1,162	1,205	1,146	1,310	1,356	1,317			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	823	722	682	680	649	548	577	548	496	490	499	466			
<b>All ages</b>	<b>3,237</b>	<b>2,841</b>	<b>2,987</b>	<b>3,026</b>	<b>3,039</b>	<b>2,937</b>	<b>2,758</b>	<b>2,775</b>	<b>2,710</b>	<b>2,910</b>	<b>2,933</b>	<b>2,767</b>			
<b>Age-specific rates (per million population)</b>															
<25	5	1	1	6	2	5	3	4	2	2	2	1	-5.5	-58.9	
25–34	25	14	11	15	8	19	13	15	15	6	17	8	-4.4	-27.9	
35–44	91	60	50	53	52	37	52	36	22	44	35	23	-8.8 **	-16.4	
45–54	194	169	220	182	173	154	145	160	131	121	92	102	-6.2 **	-4.7	
55–59	584	306	407	374	442	322	236	232	182	156	197	185	-9.9 **	21.4	
60–64	842	730	701	752	620	547	579	611	483	443	374	494	-5.8 **	24.5	
65–69	1,812	1,669	1,294	1,231	1,242	1,090	1,132	1,061	869	921	862	949	-6.2 **	25.2	
70–74	3,607	3,352	3,060	3,083	2,844	2,264	2,440	2,141	2,165	2,015	2,225	1,740	-5.9 **	-5.2	
75–84	10,922	9,110	9,632	9,777	8,774	8,855	7,619	7,437	7,626	7,791	7,386	6,543	-3.8 **	-5.1	
85+	38,649	32,362	34,057	32,651	35,191	33,424	29,915	29,666	26,810	29,315	28,805	26,443	-2.7 **	-2.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,181	1,024	1,060	1,056	1,048	1,003	931	926	898	955	951	886			
Age std	1,009	849	865	856	830	784	712	691	649	671	651	594	-4.2 **	-1.0	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	531	458	423	413	388	323	335	314	281	274	275	252			
Age std	479	411	383	376	356	297	306	287	253	246	245	231	-6.4 **	7.3 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**New South Wales**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	1	2	0	4	0	2	0	0	2	2	0	2			
25–34	10	17	16	14	10	8	9	15	8	10	11	8			
35–44	112	113	75	105	77	72	81	69	76	51	57	51			
45–54	395	352	302	331	256	262	250	235	195	197	180	187			
55–59	419	398	357	351	267	288	225	219	191	172	165	165			
60–64	604	578	543	530	500	446	414	383	331	281	279	277			
65–69	746	725	720	744	647	643	596	546	539	527	424	418			
70–74	985	893	899	844	813	744	668	712	610	615	623	566			
75–84	1,459	1,403	1,396	1,393	1,402	1,404	1,377	1,429	1,232	1,332	1,224	1,287			
85+	418	409	383	426	482	455	430	497	442	504	543	522			
Not stated	3	0	1	0	0	0	1	2	0	0	0	1			
25–74	3,271	3,076	2,912	2,919	2,570	2,463	2,243	2,179	1,950	1,853	1,739	1,672			
<b>All ages</b>	<b>5,152</b>	<b>4,890</b>	<b>4,692</b>	<b>4,742</b>	<b>4,454</b>	<b>4,324</b>	<b>4,051</b>	<b>4,107</b>	<b>3,626</b>	<b>3,691</b>	<b>3,506</b>	<b>3,484</b>			
<b>Age-specific rates (per million population)</b>															
<25	1	2	0	4	0	2	0	0	2	2	0	2			
25–34	23	38	35	30	21	17	19	31	17	21	23	17	-4.7	-11.8	
35–44	288	281	181	247	178	164	182	154	168	112	123	108	-8.1 **	-2.3	
45–54	1,400	1,232	1,035	1,106	827	818	754	680	544	531	470	472	-9.9 **	11.5	
55–59	3,033	2,887	2,622	2,621	2,030	2,225	1,745	1,671	1,428	1,259	1,172	1,142	-9.1 **	3.8	
60–64	4,845	4,552	4,242	4,084	3,822	3,401	3,174	2,978	2,620	2,252	2,255	2,243	-7.4 **	7.0	
65–69	8,046	7,483	7,113	7,036	5,869	5,715	5,202	4,713	4,599	4,471	3,582	3,512	-7.3 **	-2.4	
70–74	13,423	11,885	11,716	10,954	10,533	9,449	8,102	8,284	6,799	6,544	6,474	5,770	-7.4 **	-0.6	
75–84	22,188	20,232	19,212	18,358	17,651	17,033	16,105	16,191	13,564	14,312	12,692	12,726	-4.8 **	2.3	
85+	38,525	35,338	31,479	33,564	35,876	32,668	28,931	31,362	26,371	28,316	28,519	25,807	-3.0 **	-3.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,892	1,774	1,677	1,668	1,548	1,488	1,380	1,384	1,214	1,225	1,152	1,131			
Age std	2,388	2,187	2,032	2,001	1,865	1,763	1,601	1,589	1,362	1,358	1,256	1,207	-6.0 **	1.7	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,119	1,953	1,811	1,777	1,538	1,454	1,306	1,252	1,110	1,042	963	910			
Age std	2,153	1,977	1,835	1,808	1,573	1,483	1,322	1,261	1,108	1,031	953	904	-7.8 **	1.7	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	1	1	0	1	1			
25–34	4	3	4	1	2	3	5	2	3	3	4	5			
35–44	21	13	25	18	13	15	13	19	15	15	12	17			
45–54	90	94	80	70	64	57	42	48	51	33	42	33			
55–59	131	123	117	93	79	70	72	77	64	51	52	54			
60–64	249	237	176	175	197	166	146	150	116	123	100	89			
65–69	346	394	315	365	289	320	268	239	236	206	208	178			
70–74	570	578	542	566	499	531	461	447	398	356	375	323			
75–84	1,360	1,444	1,433	1,475	1,403	1,384	1,400	1,378	1,230	1,332	1,240	1,184			
85+	869	932	884	934	1,004	959	911	1,019	962	1,058	1,034	1,084			
Not stated	0	0	0	0	0	0	0	0	0	0	0	1			
25–74	1,411	1,442	1,259	1,288	1,143	1,162	1,007	982	883	787	793	699			
<b>All ages</b>	<b>3,640</b>	<b>3,818</b>	<b>3,576</b>	<b>3,697</b>	<b>3,550</b>	<b>3,505</b>	<b>3,318</b>	<b>3,380</b>	<b>3,076</b>	<b>3,177</b>	<b>3,068</b>	<b>2,969</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	1	1	0	1	1			
25–34	9	7	9	2	4	6	10	4	6	6	8	10	2.0	58.9	
35–44	56	34	63	44	31	35	30	43	33	33	26	36	-4.6	32.8	
45–54	335	346	288	246	217	187	133	145	148	93	114	86	-12.2 **	-0.6	
55–59	968	918	882	711	613	549	567	597	486	379	379	383	-8.8 **	10.6	
60–64	1,873	1,766	1,313	1,303	1,472	1,244	1,098	1,145	904	974	796	710	-7.6 **	-8.5	
65–69	3,215	3,517	2,718	3,037	2,316	2,528	2,107	1,878	1,848	1,622	1,644	1,408	-7.7 **	-2.9	
70–74	6,047	6,035	5,566	5,797	5,124	5,368	4,482	4,215	3,635	3,119	3,233	2,755	-7.0 **	-10.8	
75–84	12,609	12,884	12,280	12,190	11,171	10,712	10,499	10,067	8,800	9,366	8,511	7,881	-4.3 **	-5.3	
85+	27,283	27,494	25,514	26,358	27,474	25,850	23,453	25,087	22,506	23,676	21,965	21,764	-2.2 **	-1.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,328	1,376	1,269	1,291	1,224	1,197	1,120	1,128	1,019	1,042	995	950			
Age std	1,160	1,175	1,068	1,075	999	969	885	872	768	765	717	666	-5.1 **	-3.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	911	914	781	783	683	685	585	562	500	440	437	378			
Age std	815	819	703	707	622	623	530	511	452	397	394	345	-7.6 **	-5.2 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**New South Wales**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	22	36	12	24	28	21	19	19	20	19	15	19		
25–34	49	49	45	47	52	46	36	37	32	45	39	41		
35–44	204	196	149	218	179	163	166	151	166	137	156	132		
45–54	653	585	552	583	476	520	459	466	437	404	428	399		
55–59	734	702	678	625	521	533	439	460	400	415	371	373		
60–64	1,104	1,040	1,009	1,015	971	861	841	810	692	618	655	609		
65–69	1,431	1,391	1,375	1,480	1,369	1,294	1,241	1,249	1,163	1,171	1,005	972		
70–74	1,940	1,774	1,788	1,805	1,724	1,640	1,442	1,565	1,546	1,506	1,571	1,467		
75–84	3,447	3,316	3,286	3,419	3,573	3,564	3,499	3,641	3,402	3,663	3,505	3,627		
85+	1,416	1,289	1,350	1,400	1,560	1,437	1,415	1,605	1,597	1,769	1,903	1,914		
Not stated	10	1	5	1	0	0	4	3	2	2	2	5		
25–74	6,115	5,737	5,596	5,773	5,292	5,057	4,624	4,738	4,436	4,296	4,225	3,993		
<b>All ages</b>	<b>11,010</b>	<b>10,379</b>	<b>10,249</b>	<b>10,617</b>	<b>10,453</b>	<b>10,079</b>	<b>9,561</b>	<b>10,006</b>	<b>9,457</b>	<b>9,749</b>	<b>9,650</b>	<b>9,558</b>		
<b>Age-specific rates (per million population)</b>														
<25	20	33	11	22	25	19	17	17	18	17	13	17	-3.8	16.0
25–34	111	109	98	100	109	95	74	76	67	94	81	85	-3.1 *	16.4
35–44	524	487	361	513	413	371	373	336	368	301	336	279	-4.8 **	-6.2
45–54	2,315	2,047	1,892	1,948	1,538	1,623	1,384	1,348	1,218	1,089	1,116	1,008	-7.2 **	2.8
55–59	5,312	5,092	4,979	4,667	3,961	4,117	3,405	3,511	2,990	3,037	2,636	2,582	-6.7 **	1.6
60–64	8,856	8,190	7,883	7,822	7,422	6,565	6,447	6,299	5,477	4,952	5,294	4,931	-5.4 **	2.6
65–69	15,433	14,358	13,583	13,997	12,419	11,502	10,832	10,782	9,924	9,935	8,491	8,166	-5.4 **	-3.5
70–74	26,437	23,611	23,301	23,426	22,335	20,829	17,490	18,208	17,232	16,026	16,326	14,955	-5.0 **	0.5
75–84	52,421	47,819	45,222	45,058	44,984	43,237	40,923	41,255	37,456	39,358	36,343	35,865	-3.0 **	0.9
85+	130,507	111,370	110,956	110,306	116,115	103,173	95,203	101,281	95,281	99,388	99,947	94,626	-2.2 **	2.1
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	4,043	3,765	3,663	3,735	3,634	3,468	3,256	3,373	3,167	3,237	3,170	3,102		
Age std	5,415	4,877	4,671	4,694	4,551	4,260	3,911	3,981	3,656	3,675	3,526	3,376	-4.0 **	1.5*
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	3,962	3,642	3,480	3,515	3,167	2,984	2,692	2,723	2,525	2,415	2,340	2,174		
Age std	4,041	3,698	3,531	3,589	3,246	3,055	2,729	2,745	2,522	2,390	2,315	2,157	-5.5 **	0.1
<b>Females</b>														
<b>Deaths (number)</b>														
<25	19	12	8	13	9	19	9	13	13	8	9	15		
25–34	29	25	16	21	11	25	18	15	26	13	20	16		
35–44	80	66	72	61	57	46	51	65	51	60	55	50		
45–54	213	209	195	180	192	160	131	162	160	131	137	121		
55–59	279	251	239	220	197	172	152	187	140	131	142	137		
60–64	526	487	393	432	398	359	336	356	302	289	250	254		
65–69	759	786	702	753	681	702	633	590	550	543	517	460		
70–74	1,346	1,258	1,213	1,276	1,147	1,143	1,073	1,064	1,017	976	989	893		
75–84	3,932	3,728	3,899	4,082	4,050	3,947	3,776	3,899	3,756	3,907	3,732	3,630		
85+	3,779	3,525	3,686	3,801	4,057	3,833	3,735	4,061	3,881	4,258	4,284	4,491		
Not stated	0	0	1	0	0	0	0	1	0	1	0	2		
25–74	3,232	3,082	2,830	2,943	2,683	2,607	2,394	2,439	2,246	2,143	2,110	1,931		
<b>All ages</b>	<b>10,962</b>	<b>10,347</b>	<b>10,424</b>	<b>10,839</b>	<b>10,799</b>	<b>10,406</b>	<b>9,914</b>	<b>10,413</b>	<b>9,896</b>	<b>10,317</b>	<b>10,135</b>	<b>10,069</b>		
<b>Age-specific rates (per million population)</b>														
<25	18	11	8	12	8	18	8	12	12	7	8	14	-2.2	59.5
25–34	66	56	35	45	23	53	38	31	55	27	42	33	-3.9	-0.7
35–44	215	171	181	148	135	107	116	147	114	132	119	106	-5.1 **	2.2
45–54	794	769	702	632	651	524	414	490	465	367	370	316	-8.0 **	-5.4
55–59	2,062	1,873	1,801	1,681	1,528	1,349	1,198	1,449	1,063	974	1,036	973	-6.9 **	7.1
60–64	3,956	3,629	2,931	3,216	2,974	2,690	2,526	2,718	2,354	2,288	1,989	2,026	-5.6 **	3.4
65–69	7,052	7,016	6,057	6,265	5,457	5,546	4,977	4,637	4,306	4,275	4,086	3,638	-5.8 **	-3.0
70–74	14,280	13,136	12,457	13,068	11,778	11,555	10,431	10,034	9,288	8,550	8,527	7,617	-5.3 **	-5.4
75–84	36,456	33,263	33,412	33,737	32,247	30,551	28,316	28,484	26,871	27,473	25,617	24,161	-3.4 **	-3.0
85+	118,646	103,988	106,384	107,267	111,020	103,318	96,154	99,978	90,794	95,285	91,004	90,170	-2.2 **	1.1
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,999	3,729	3,698	3,784	3,724	3,554	3,347	3,476	3,278	3,385	3,288	3,223		
Age std	3,434	3,123	3,048	3,089	2,979	2,817	2,585	2,628	2,412	2,419	2,297	2,191	-3.8 **	-1.0
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	2,087	1,954	1,757	1,789	1,603	1,536	1,390	1,396	1,272	1,198	1,162	1,045		
Age std	1,873	1,755	1,583	1,621	1,466	1,404	1,263	1,273	1,151	1,078	1,048	953	-5.8 **	-2.3

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Victoria**

**Profiles with graph**

Ischaemic heart disease ..... 56  
Cerebrovascular disease ..... 58

**Profiles without graph**

Acute myocardial infarction..... 60  
Diseases of the circulatory system..... 61

**ICD-9: 410–414  
Ischaemic heart disease**

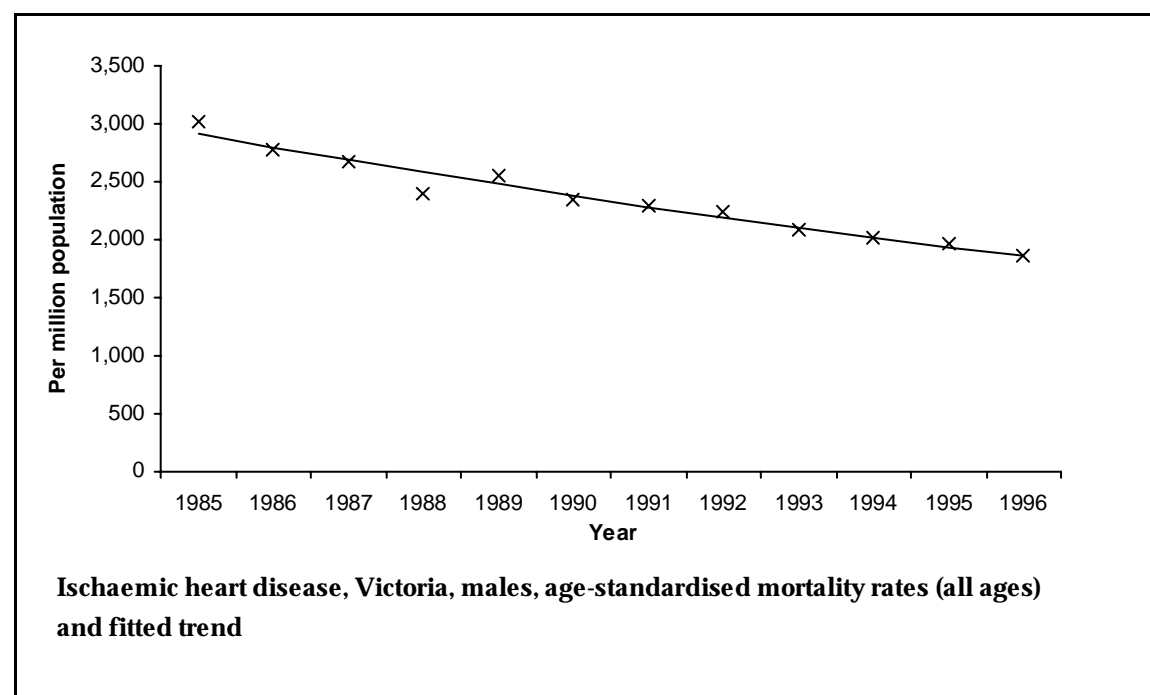
**Victoria  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	2	3	2	0	1	3	3	1	0	2	2	0			
25–34	16	6	11	11	14	5	12	10	8	7	9	8			
35–44	73	87	85	104	74	87	79	62	45	50	61	65			
45–54	305	292	269	226	246	210	185	215	207	186	195	181			
55–59	387	333	301	258	242	242	243	194	184	151	200	153			
60–64	543	561	499	419	458	422	390	380	335	273	305	258			
65–69	689	635	605	582	654	597	548	546	501	541	486	441			
70–74	851	772	775	699	748	682	700	695	695	672	675	649			
75–84	1,476	1,431	1,464	1,352	1,473	1,424	1,484	1,457	1,453	1,393	1,422	1,384			
85+	471	454	473	463	550	529	575	666	608	702	675	761			
Not stated	2	2	3	0	0	0	0	0	0	0	0	0			
25–74	2,864	2,686	2,545	2,299	2,436	2,245	2,157	2,102	1,975	1,880	1,931	1,755			
<b>All ages</b>	<b>4,815</b>	<b>4,576</b>	<b>4,487</b>	<b>4,114</b>	<b>4,460</b>	<b>4,201</b>	<b>4,219</b>	<b>4,226</b>	<b>4,036</b>	<b>3,977</b>	<b>4,030</b>	<b>3,900</b>			
<b>Age-specific rates (per million population)</b>															
<25	2	4	2	0	1	4	4	1	0	2	2	0			
25–34	48	18	32	31	39	14	33	28	22	20	25	22	-4.5	7.5	
35–44	254	294	280	332	231	266	238	186	135	148	179	188	-5.8 **	24.8	
45–54	1,458	1,375	1,242	1,022	1,083	896	763	850	791	690	703	633	-7.4 **	5.8	
55–59	3,760	3,259	2,991	2,611	2,482	2,525	2,541	2,008	1,871	1,511	1,953	1,456	-7.4 **	-5.8	
60–64	6,022	6,108	5,374	4,432	4,815	4,402	4,094	4,048	3,628	2,981	3,363	2,855	-6.5 **	-2.8	
65–69	10,613	9,359	8,524	7,818	8,336	7,439	6,681	6,540	5,898	6,342	5,653	5,106	-5.8 **	-2.3	
70–74	15,829	14,241	14,164	12,940	13,990	12,406	12,171	11,517	10,965	10,018	9,837	9,242	-4.5 **	-2.7	
75–84	28,856	26,856	26,404	23,482	24,666	23,098	23,352	22,420	22,021	20,765	20,472	19,048	-3.2 **	-3.2	
85+	54,394	48,473	48,275	45,406	51,158	47,177	47,961	52,178	45,040	49,426	44,496	47,468	-0.7	2.8	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,354	2,215	2,147	1,944	2,080	1,934	1,925	1,914	1,823	1,791	1,804	1,731			
Age std	3,023	2,782	2,668	2,400	2,550	2,340	2,293	2,245	2,083	2,010	1,965	1,855	-4.0 **	-0.3	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,509	2,310	2,149	1,904	1,980	1,793	1,700	1,636	1,524	1,437	1,460	1,308			
Age std	2,599	2,391	2,231	1,995	2,089	1,888	1,776	1,693	1,556	1,447	1,463	1,310	-5.8 **	-1.0	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.



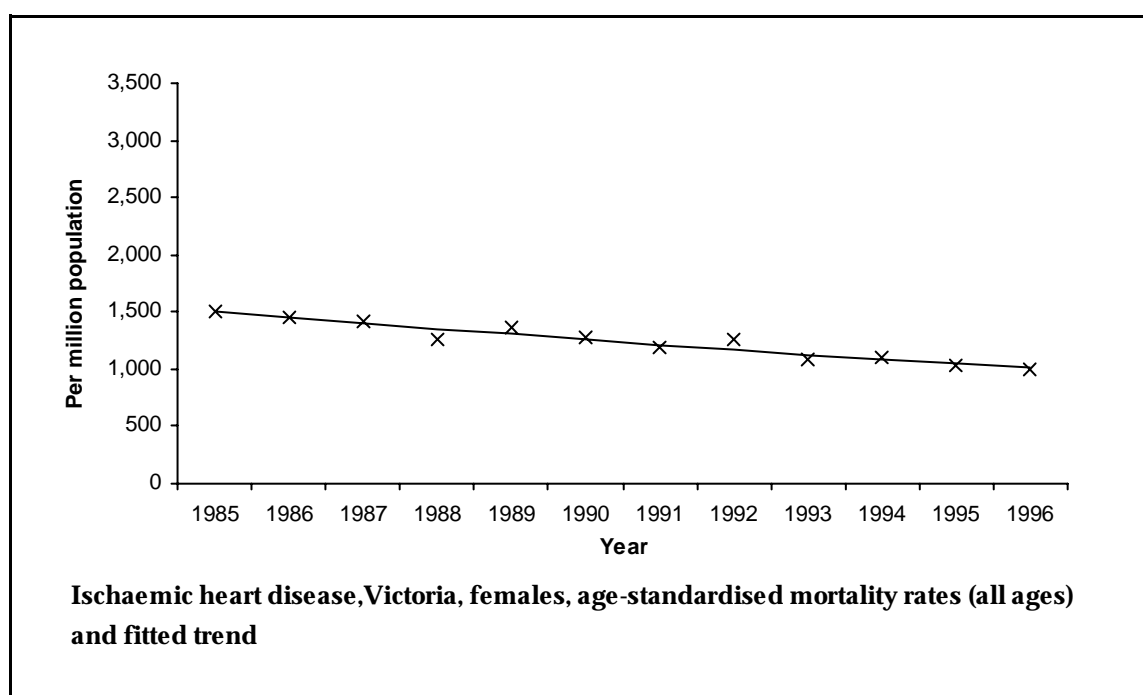
**ICD-9: 410–414  
Ischaemic heart disease**
**Victoria  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	2	0	0	0	1	1	0	0	1	0	0	0	0		
25–34	4	3	3	4	5	1	1	3	3	1	2	1			
35–44	14	8	9	8	10	15	7	13	10	13	7	16			
45–54	53	54	45	39	31	37	37	43	39	38	44	42			
55–59	74	81	66	52	55	47	57	58	52	49	31	34			
60–64	181	175	167	123	127	150	90	96	90	78	93	94			
65–69	296	322	315	241	262	269	240	244	215	206	179	150			
70–74	511	488	475	423	465	416	409	382	383	347	346	347			
75–84	1,434	1,402	1,455	1,350	1,512	1,393	1,401	1,543	1,236	1,345	1,231	1,270			
85+	1,055	1,076	1,098	1,071	1,213	1,174	1,167	1,344	1,265	1,394	1,434	1,430			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,133	1,131	1,080	890	955	935	841	839	792	732	702	684			
<b>All ages</b>	<b>3,625</b>	<b>3,609</b>	<b>3,633</b>	<b>3,311</b>	<b>3,681</b>	<b>3,503</b>	<b>3,409</b>	<b>3,726</b>	<b>3,294</b>	<b>3,471</b>	<b>3,367</b>	<b>3,384</b>			
<b>Age-specific rates (per million population)</b>															
<25	2	0	0	0	1	1	0	0	1	0	0	0			
25–34	12	9	9	11	14	3	3	8	8	3	6	3	-9.6	-36.4	
35–44	50	28	30	26	31	46	21	39	30	38	20	46	-0.2	63.0	
45–54	264	266	217	184	142	164	158	175	153	144	161	148	-5.0 **	14.5	
55–59	737	821	680	543	579	499	608	607	533	494	306	328	-6.3 **	-18.1	
60–64	1,871	1,791	1,707	1,255	1,299	1,540	931	1,011	963	839	1,004	1,014	-6.9 **	31.2	
65–69	3,896	4,098	3,847	2,818	2,929	2,952	2,610	2,635	2,311	2,231	1,943	1,632	-7.2 **	-13.0	
70–74	7,398	6,977	6,767	6,087	6,809	5,988	5,642	5,068	4,867	4,200	4,114	4,066	-5.6 **	0.9	
75–84	17,316	16,471	16,591	14,958	16,216	14,529	14,286	15,429	12,207	13,127	11,694	11,657	-3.5 **	-2.5	
85+	42,421	40,634	40,429	38,422	42,266	40,111	38,364	42,216	37,815	40,183	39,525	37,644	-0.6 *	-3.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,747	1,723	1,713	1,543	1,692	1,588	1,530	1,658	1,459	1,531	1,474	1,467			
Age std	1,508	1,454	1,425	1,260	1,365	1,272	1,198	1,262	1,083	1,097	1,027	997	-3.6 **	-1.7	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	979	961	901	729	767	738	654	643	600	549	520	498			
Age std	900	885	832	678	723	699	614	602	554	502	475	458	-6.2 **	1.3	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

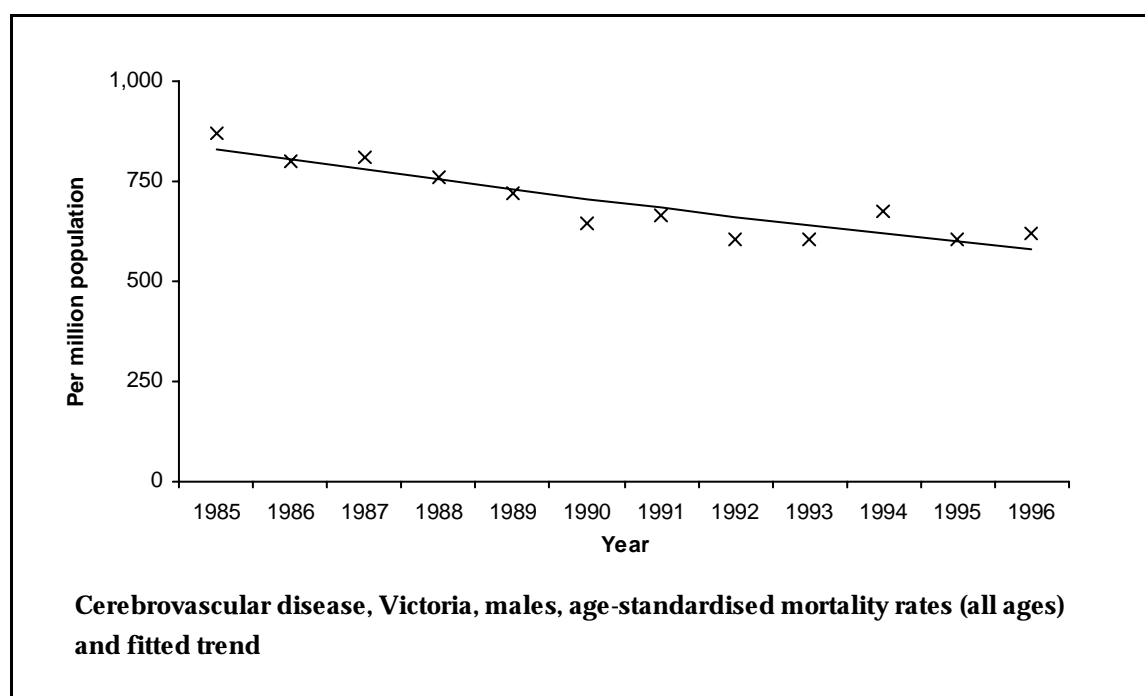


**ICD-9: 430–438  
Cerebrovascular disease**

**Victoria  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	6	4	2	8	2	3	0	3	1	6	1	3			
25–34	11	12	6	6	7	7	6	5	1	4	4	5			
35–44	21	16	12	14	14	16	18	20	12	16	12	15			
45–54	55	31	42	29	26	41	42	38	32	34	33	58			
55–59	46	53	39	30	45	31	36	30	30	30	22	22			
60–64	85	80	88	71	63	77	61	50	69	57	34	54			
65–69	114	129	122	104	143	105	122	109	96	95	117	108			
70–74	214	200	194	201	158	171	161	161	158	191	172	161			
75–84	508	461	503	484	502	427	493	441	449	538	490	502			
85+	208	220	241	251	227	219	230	243	271	319	313	345			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	546	521	503	455	456	448	446	413	398	427	394	423			
<b>All ages</b>	<b>1,268</b>	<b>1,206</b>	<b>1,249</b>	<b>1,198</b>	<b>1,187</b>	<b>1,097</b>	<b>1,169</b>	<b>1,100</b>	<b>1,119</b>	<b>1,290</b>	<b>1,198</b>	<b>1,273</b>			
<b>Age-specific rates (per million population)</b>															
<25	7	5	2	10	2	4	0	4	1	7	1	4	-6.9	66.9	
25–34	33	35	17	17	20	19	17	14	3	11	11	14	-10.9 **	93.5	
35–44	73	54	39	45	44	49	54	60	36	48	35	43	-3.0	9.5	
45–54	263	146	194	131	114	175	173	150	122	126	119	203	-2.5	81.2 **	
55–59	447	519	388	304	462	323	376	311	305	300	215	209	-6.3 **	-14.7	
60–64	943	871	948	751	662	803	640	533	747	622	375	598	-5.4 **	23.4	
65–69	1,756	1,901	1,719	1,397	1,823	1,308	1,487	1,306	1,130	1,114	1,361	1,251	-4.1 **	12.1	
70–74	3,980	3,689	3,546	3,721	2,955	3,111	2,799	2,668	2,493	2,848	2,507	2,293	-4.6 **	-1.8	
75–84	9,932	8,652	9,072	8,406	8,406	6,926	7,758	6,786	6,805	8,020	7,054	6,909	-2.8 **	4.5	
85+	24,021	23,489	24,597	24,615	21,114	19,531	19,184	19,038	20,076	22,460	20,633	21,519	-1.3 *	10.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	620	584	598	566	554	505	533	498	505	581	536	565			
Age std	868	799	809	761	722	645	665	607	603	675	605	620	-3.2 **	9.9 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	478	448	425	377	371	358	351	322	307	326	298	315			
Age std	503	472	448	404	395	382	370	335	315	328	299	315	-4.6 **	12.2 **	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.





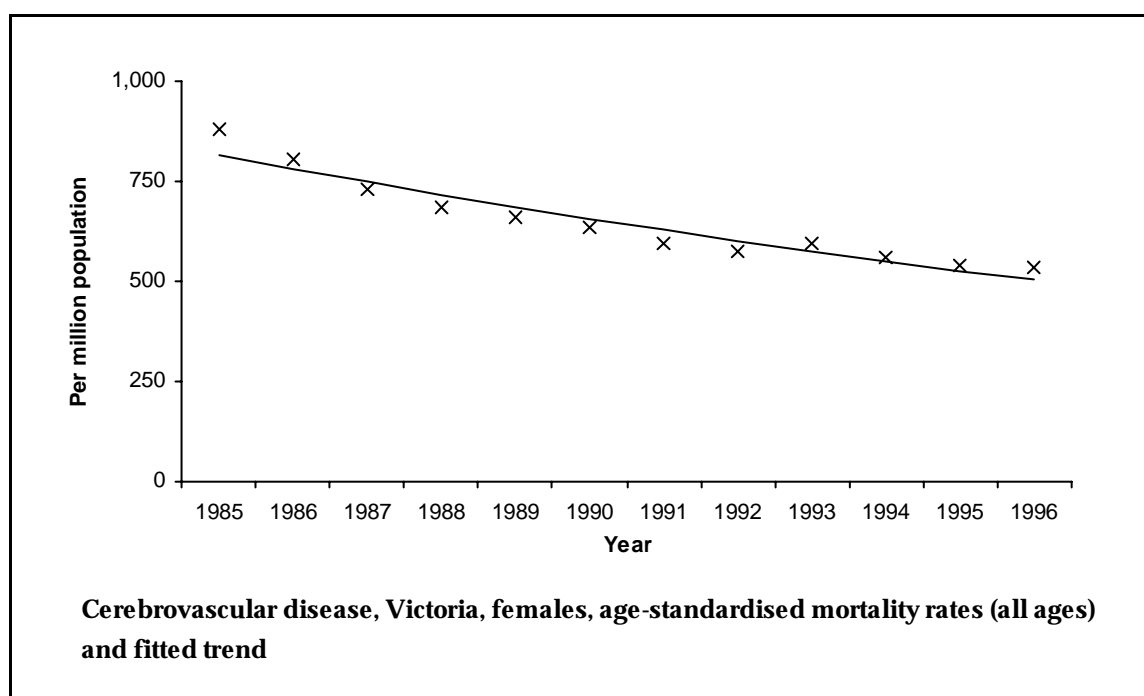
**ICD-9: 430–438  
Cerebrovascular disease**
**Victoria  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	5	4	2	2	2	2	3	2	2	2	2	2	1		
25–34	9	9	10	10	2	5	5	4	3	3	3	3	3		
35–44	19	15	8	8	15	9	15	11	11	6	12	11			
45–54	37	33	18	23	26	20	33	28	30	22	25	30			
55–59	27	40	36	29	28	22	30	13	17	25	15	18			
60–64	84	61	64	52	41	46	30	35	28	28	33	28			
65–69	116	106	81	88	89	78	78	71	65	59	73	58			
70–74	190	223	162	186	148	152	130	117	160	132	138	135			
75–84	851	748	771	699	702	726	661	683	731	675	646	695			
85+	817	816	764	737	779	746	750	797	816	885	865	884			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	482	487	379	396	349	332	321	279	314	275	299	283			
<b>All ages</b>	<b>2,155</b>	<b>2,055</b>	<b>1,916</b>	<b>1,834</b>	<b>1,832</b>	<b>1,806</b>	<b>1,735</b>	<b>1,761</b>	<b>1,863</b>	<b>1,837</b>	<b>1,812</b>	<b>1,863</b>			
<b>Age-specific rates (per million population)</b>															
<25	6	5	2	2	2	2	4	2	2	3	3	1	-8.5	-33.5	
25–34	27	27	29	29	6	14	14	11	8	8	8	8	-13.1 **	37.1	
35–44	68	52	27	26	47	28	45	33	33	18	35	31	-5.4	26.9	
45–54	184	162	87	108	119	88	141	114	118	83	91	106	-4.1 *	21.9	
55–59	269	405	371	303	295	233	320	136	174	252	148	173	-6.9 **	4.8	
60–64	869	624	654	531	419	472	310	369	300	301	356	302	-9.4 **	27.1	
65–69	1,527	1,349	989	1,029	995	856	848	767	699	639	792	631	-7.1 **	8.0	
70–74	2,751	3,188	2,308	2,677	2,167	2,188	1,793	1,552	2,033	1,598	1,641	1,582	-5.9 **	9.3	
75–84	10,276	8,788	8,792	7,745	7,529	7,572	6,740	6,829	7,220	6,588	6,137	6,379	-3.9 **	9.0	
85+	32,851	30,816	28,131	26,439	27,144	25,488	24,656	25,035	24,393	25,511	23,842	23,271	-2.6 **	2.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,039	981	904	855	842	819	779	784	825	810	793	807			
Age std	880	805	728	683	661	637	593	577	593	562	538	535	-4.3 **	8.5 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	417	414	316	324	280	262	250	214	238	206	221	206			
Age std	388	381	292	303	267	249	237	202	219	188	203	189	-6.8 **	13.8 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**Victoria**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	2	2	0	0	0	2	2	1	0	0	2	0			
25–34	8	5	7	6	5	1	3	7	1	1	2	5			
35–44	40	58	44	52	37	48	39	25	23	20	19	22			
45–54	197	180	145	125	131	105	86	102	102	107	94	86			
55–59	241	216	185	141	156	141	141	107	101	82	109	76			
60–64	377	393	315	265	286	267	229	245	198	162	170	148			
65–69	505	455	409	376	436	397	341	342	303	346	319	254			
70–74	617	532	550	478	485	457	461	433	438	429	435	404			
75–84	1,037	998	1,002	920	972	966	972	957	946	908	891	844			
85+	298	290	290	278	362	327	350	394	361	397	419	468			
Not stated	1	1	0	0	0	0	0	0	0	0	0	0			
25–74	1,985	1,839	1,655	1,443	1,536	1,416	1,300	1,261	1,166	1,147	1,148	995			
<b>All ages</b>	<b>3,323</b>	<b>3,130</b>	<b>2,947</b>	<b>2,641</b>	<b>2,870</b>	<b>2,711</b>	<b>2,624</b>	<b>2,613</b>	<b>2,473</b>	<b>2,452</b>	<b>2,460</b>	<b>2,307</b>			
<b>Age-specific rates (per million population)</b>															
<25	2	2	0	0	0	2	2	1	0	0	2	0			
25–34	24	15	20	17	14	3	8	19	3	3	6	14	-10.2 *	231.3	
35–44	139	196	145	166	116	147	117	75	69	59	56	64	-10.2 **	12.7	
45–54	941	847	669	566	577	448	355	403	390	397	339	301	-9.7 **	10.3	
55–59	2,342	2,114	1,839	1,427	1,600	1,471	1,475	1,108	1,027	820	1,064	723	-9.1 **	-11.5	
60–64	4,181	4,279	3,392	2,803	3,006	2,785	2,404	2,610	2,144	1,769	1,875	1,638	-8.2 **	-0.2	
65–69	7,779	6,706	5,762	5,051	5,557	4,947	4,158	4,096	3,567	4,056	3,710	2,941	-7.3 **	-6.7	
70–74	11,476	9,814	10,052	8,849	9,071	8,313	8,016	7,176	6,910	6,396	6,340	5,753	-5.7 **	-1.4	
75–84	20,274	18,730	18,072	15,979	16,276	15,669	15,295	14,726	14,337	13,535	12,827	11,616	-4.2 **	-6.1	
85+	34,415	30,963	29,598	27,263	33,671	29,163	29,193	30,868	26,743	27,952	27,620	29,192	-1.2 *	7.8	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,625	1,515	1,410	1,248	1,338	1,248	1,197	1,184	1,117	1,104	1,101	1,024			
Age std	2,080	1,898	1,755	1,544	1,648	1,513	1,431	1,390	1,280	1,237	1,203	1,102	-5.2 **	-0.4	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,739	1,582	1,397	1,195	1,249	1,131	1,025	982	900	877	868	741			
Age std	1,811	1,641	1,457	1,259	1,320	1,195	1,075	1,019	921	883	871	744	-7.3 **	-1.4	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	2	0	0	0	1	1	0	0	1	0	0	0			
25–34	0	1	1	3	4	0	1	1	2	1	0	0			
35–44	6	5	6	3	4	11	6	7	5	7	3	4			
45–54	29	32	25	20	14	21	22	25	16	18	25	29			
55–59	44	55	40	30	33	34	36	41	31	26	17	22			
60–64	121	130	112	86	91	95	54	61	55	50	55	56			
65–69	212	209	223	183	164	190	152	160	141	146	120	105			
70–74	371	333	327	289	328	308	291	259	252	243	216	221			
75–84	999	986	980	938	985	976	996	1,050	821	916	796	802			
85+	634	655	630	622	709	709	678	779	731	773	852	775			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	783	765	734	614	638	659	562	554	502	491	436	437			
<b>All ages</b>	<b>2,418</b>	<b>2,406</b>	<b>2,344</b>	<b>2,174</b>	<b>2,333</b>	<b>2,345</b>	<b>2,236</b>	<b>2,383</b>	<b>2,055</b>	<b>2,180</b>	<b>2,084</b>	<b>2,014</b>			
<b>Age-specific rates (per million population)</b>															
<25	2	0	0	0	1	1	0	0	1	0	0	0			
25–34	0	3	3	9	11	0	3	3	6	3	0	0			
35–44	21	17	20	10	13	34	18	21	15	21	9	11	-3.1	-28.2	
45–54	144	157	120	94	64	93	94	102	63	68	91	102	-4.7 *	56.6	
55–59	438	557	412	313	347	361	384	429	318	262	168	212	-6.7 **	-11.6	
60–64	1,251	1,331	1,145	878	931	976	558	642	588	538	594	604	-8.5 **	32.2	
65–69	2,791	2,660	2,724	2,140	1,833	2,085	1,653	1,728	1,516	1,581	1,303	1,142	-7.5 **	-7.8	
70–74	5,371	4,761	4,659	4,159	4,803	4,433	4,014	3,436	3,202	2,941	2,568	2,589	-6.3 **	-3.3	
75–84	12,063	11,584	11,175	10,393	10,564	10,179	10,156	10,499	8,109	8,940	7,562	7,361	-4.1 **	-7.5	
85+	25,493	24,736	23,197	22,314	24,705	24,224	22,289	24,469	21,852	22,282	23,483	20,402	-1.2 **	-9.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,165	1,148	1,105	1,013	1,072	1,063	1,003	1,060	910	961	912	873			
Age std	1,011	973	927	835	871	859	791	814	681	698	638	603	-4.3 **	-5.3 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	677	650	612	503	513	520	437	425	381	368	323	318			
Age std	620	596	565	467	482	492	409	397	350	335	295	292	-6.8 **	0.9	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Victoria**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	27	18	22	21	9	22	11	8	11	19	19	15			
25–34	45	30	27	31	33	19	31	24	21	20	24	29			
35–44	114	118	116	144	114	122	113	112	76	84	100	95			
45–54	404	378	364	310	313	305	273	293	284	268	280	290			
55–59	502	448	400	348	344	314	324	278	261	214	266	221			
60–64	739	731	689	577	613	614	551	526	480	409	417	380			
65–69	926	899	865	795	958	848	797	797	732	785	731	649			
70–74	1,257	1,138	1,190	1,083	1,100	1,036	1,039	1,034	1,036	1,046	1,017	979			
75–84	2,474	2,355	2,463	2,293	2,438	2,303	2,471	2,398	2,349	2,391	2,379	2,375			
85+	967	946	998	995	1,057	1,000	1,070	1,242	1,207	1,336	1,311	1,470			
Not stated	2	2	4	1	0	0	0	0	0	0	0	0			
25–74	3,987	3,742	3,651	3,288	3,475	3,258	3,128	3,064	2,890	2,826	2,835	2,643			
All ages	7,457	7,063	7,138	6,598	6,979	6,583	6,680	6,712	6,457	6,572	6,544	6,503			
<b>Age-specific rates (per million population)</b>															
<25	32	21	26	25	11	26	13	9	13	23	23	18	–4.1	22.5	
25–34	135	89	78	88	92	52	85	66	58	56	67	81	–4.9 *	57.5	
35–44	397	399	382	460	356	373	340	336	227	249	294	275	–4.6 **	7.7	
45–54	1,931	1,780	1,680	1,403	1,378	1,301	1,126	1,158	1,085	995	1,009	1,015	–6.2 **	16.5	
55–59	4,878	4,385	3,975	3,522	3,529	3,276	3,388	2,878	2,655	2,141	2,597	2,103	–6.8 **	–3.1	
60–64	8,195	7,959	7,420	6,103	6,444	6,404	5,784	5,603	5,199	4,466	4,598	4,205	–5.8 **	–1.4	
65–69	14,264	13,251	12,187	10,680	12,211	10,567	9,717	9,546	8,617	9,202	8,502	7,515	–5.1 **	–4.3	
70–74	23,380	20,993	21,749	20,049	20,574	18,846	18,066	17,135	16,345	15,594	14,822	13,941	–4.3 **	–3.3	
75–84	48,368	44,197	44,422	39,825	40,825	37,356	38,883	36,899	35,601	35,641	34,249	32,687	–3.1 **	0.1	
85+	111,676	101,004	101,858	97,578	98,316	89,182	89,248	97,305	89,414	94,065	86,421	91,692	–1.5 **	6.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	3,646	3,419	3,416	3,117	3,255	3,030	3,047	3,040	2,916	2,960	2,930	2,887			
Age std	4,849	4,439	4,376	3,969	4,076	3,732	3,689	3,618	3,383	3,361	3,229	3,122	–3.7 **	2.1 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	3,493	3,219	3,082	2,723	2,825	2,602	2,465	2,385	2,230	2,160	2,143	1,970			
Age std	3,625	3,343	3,211	2,863	2,988	2,746	2,579	2,470	2,278	2,175	2,149	1,972	–5.2 **	–0.6	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	15	14	8	9	11	5	14	17	7	9	9	11			
25–34	21	18	23	25	12	14	13	11	13	11	10	9			
35–44	43	31	29	26	39	33	36	37	30	33	29	42			
45–54	108	113	86	76	88	76	95	91	85	73	87	92			
55–59	132	145	129	94	102	94	100	91	92	88	63	78			
60–64	316	293	270	218	214	237	153	168	154	132	159	148			
65–69	495	518	469	409	438	425	403	394	363	325	308	274			
70–74	860	871	776	729	757	667	663	640	663	618	595	592			
75–84	2,876	2,672	2,868	2,599	2,813	2,688	2,577	2,791	2,477	2,603	2,439	2,523			
85+	2,738	2,666	2,698	2,597	2,840	2,698	2,723	2,970	2,888	3,113	3,114	3,220			
Not stated	1	0	1	0	0	0	0	0	0	0	0	0			
25–74	1,975	1,989	1,782	1,577	1,650	1,546	1,463	1,432	1,400	1,280	1,251	1,235			
All ages	7,605	7,341	7,357	6,782	7,314	6,937	6,777	7,210	6,772	7,005	6,813	6,989			
<b>Age-specific rates (per million population)</b>															
<25	19	17	10	11	14	6	17	21	9	11	11	14	–1.9	24.3	
25–34	63	53	67	71	34	39	36	30	36	30	28	25	–8.8 **	1.8	
35–44	154	107	97	84	123	101	108	110	89	97	84	120	–1.8	38.7	
45–54	537	556	414	358	402	336	406	371	333	276	318	324	–4.9 **	17.3	
55–59	1,314	1,470	1,328	981	1,073	998	1,066	953	943	887	621	752	–5.8 **	4.5	
60–64	3,267	2,999	2,760	2,225	2,189	2,434	1,582	1,769	1,648	1,419	1,716	1,596	–7.1 **	22.1	
65–69	6,516	6,592	5,728	4,782	4,897	4,664	4,383	4,254	3,902	3,519	3,343	2,981	–6.6 **	–4.5	
70–74	12,450	12,452	11,056	10,491	11,085	9,600	9,146	8,490	8,425	7,481	7,075	6,936	–5.5 **	1.3	
75–84	34,728	31,391	32,704	28,798	30,169	28,035	26,277	27,907	24,464	25,405	23,170	23,158	–3.5 **	1.6	
85+	110,092	100,680	99,341	93,166	98,958	92,179	89,516	93,291	86,333	89,735	85,830	84,766	–1.9 **	1.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	3,665	3,504	3,470	3,160	3,361	3,145	3,041	3,208	2,999	3,089	2,983	3,029			
Age std	3,117	2,908	2,832	2,541	2,672	2,477	2,344	2,405	2,186	2,178	2,049	2,030	–3.7 **	2.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,707	1,690	1,486	1,291	1,326	1,220	1,137	1,097	1,061	959	926	900			
Age std	1,574	1,557	1,375	1,205	1,255	1,159	1,073	1,030	982	876	850	829	–5.9 **	4.8 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Queensland**

**Profiles with graph**

Ischaemic heart disease ..... 64  
Cerebrovascular disease ..... 66

**Profiles without graph**

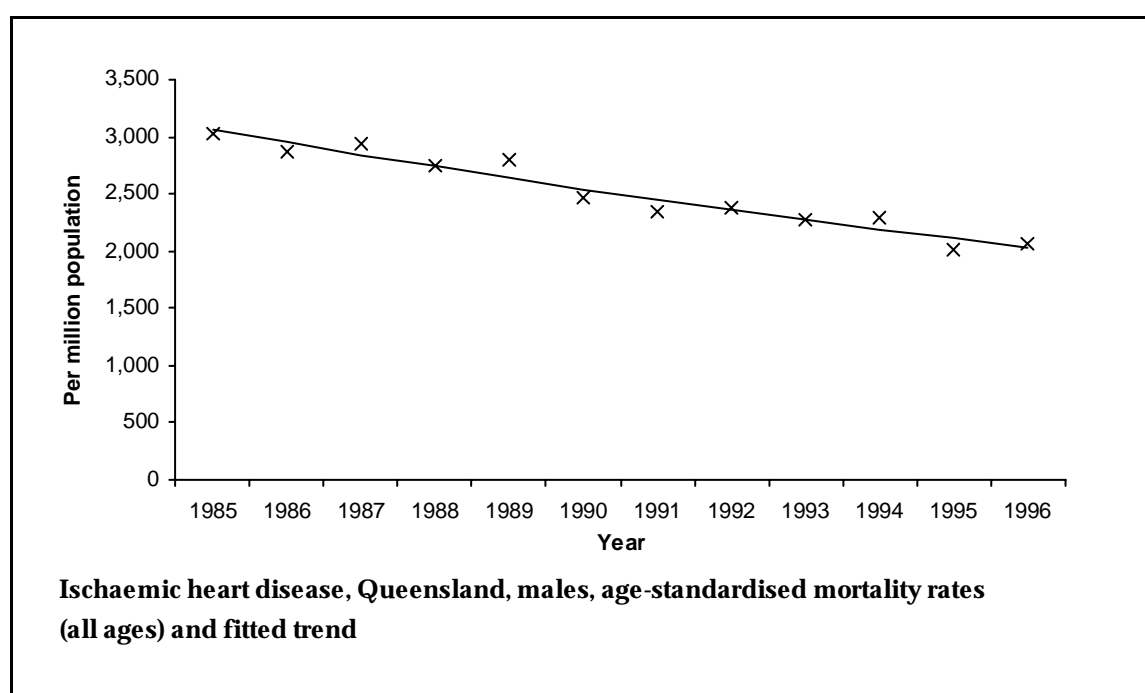
Acute myocardial infarction..... 68  
Diseases of the circulatory system..... 69

**ICD-9: 410–414  
Ischaemic heart disease**

**Queensland  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	1	3	0	0	1	1	2	1	2	1	2			
25–34	6	6	6	12	7	17	9	11	4	12	7	11			
35–44	63	79	63	45	47	52	55	63	57	52	55	56			
45–54	178	177	195	158	181	167	169	151	158	172	160	191			
55–59	214	215	210	168	186	165	137	147	163	142	146	144			
60–64	348	379	337	325	299	271	246	257	237	245	176	209			
65–69	424	411	429	447	448	420	407	386	390	377	338	334			
70–74	543	508	533	496	523	420	488	525	499	495	503	457			
75–84	869	841	952	957	1,033	987	971	1,020	948	1,062	951	1,032			
85+	333	337	368	377	411	364	344	403	475	496	470	538			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,776	1,775	1,773	1,651	1,691	1,512	1,511	1,540	1,508	1,495	1,385	1,402			
<b>All ages</b>	<b>2,978</b>	<b>2,954</b>	<b>3,096</b>	<b>2,985</b>	<b>3,135</b>	<b>2,864</b>	<b>2,827</b>	<b>2,965</b>	<b>2,932</b>	<b>3,055</b>	<b>2,807</b>	<b>2,974</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	2	5	0	0	2	2	3	2	3	2	3			
25–34	29	28	28	54	30	72	38	46	16	48	27	42	0.8	8.6	
35–44	346	416	320	219	220	236	244	274	243	216	222	220	-4.4 **	11.9	
45–54	1,424	1,371	1,451	1,126	1,214	1,057	1,015	852	840	868	770	878	-5.7 **	22.6 *	
55–59	3,648	3,620	3,539	2,832	3,123	2,754	2,247	2,329	2,475	2,058	2,011	1,890	-6.1 **	1.7	
60–64	6,343	6,757	5,968	5,658	5,088	4,529	4,080	4,264	3,930	4,055	2,888	3,375	-6.7 **	9.4	
65–69	10,074	9,249	9,173	9,168	8,739	8,001	7,596	7,103	7,035	6,685	5,903	5,754	-4.9 **	-3.2	
70–74	16,286	14,810	15,186	13,911	14,466	11,249	12,412	12,709	11,558	10,902	10,826	9,576	-4.2 **	-6.3	
75–84	27,810	25,533	27,591	26,526	27,214	25,054	23,824	24,136	21,642	23,570	20,141	20,692	-2.8 **	-1.4	
85+	56,972	55,219	57,843	56,803	59,162	51,217	45,642	49,460	53,873	53,190	47,028	50,464	-1.4 **	4.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,303	2,237	2,304	2,172	2,211	1,970	1,905	1,953	1,882	1,913	1,715	1,778			
Age std	3,023	2,869	2,933	2,755	2,795	2,473	2,352	2,379	2,273	2,293	2,017	2,059	-3.6 **	1.4	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,516	2,442	2,375	2,146	2,116	1,838	1,793	1,778	1,689	1,625	1,461	1,437			
Age std	2,617	2,522	2,461	2,240	2,228	1,933	1,879	1,861	1,766	1,694	1,525	1,502	-5.1 **	1.3	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



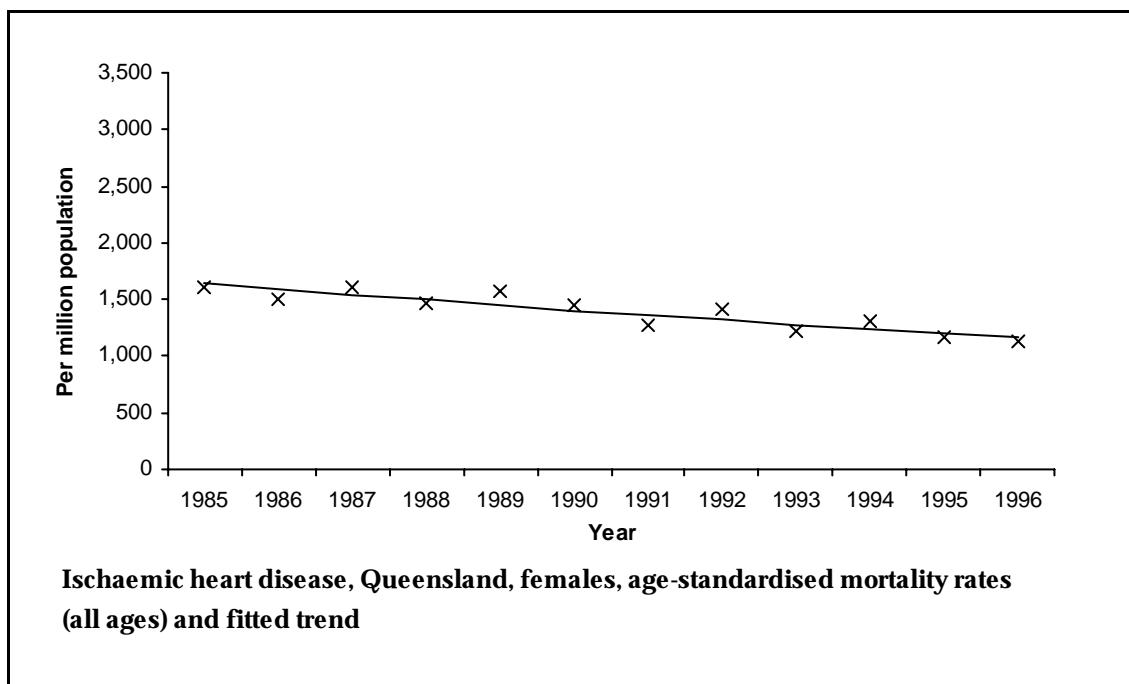
**ICD-9: 410–414  
Ischaemic heart disease**
**Queensland  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	1	0	1	0	0	0	1	0	1			
25–34	1	2	1	0	2	3	2	2	2	2	3	3			
35–44	12	13	15	9	9	12	9	11	13	12	9	5			
45–54	46	46	44	43	44	42	44	44	24	44	28	26			
55–59	59	59	68	56	56	44	32	44	36	42	37	46			
60–64	117	110	101	114	84	93	91	96	93	82	75	50			
65–69	180	182	198	194	201	176	175	172	143	145	120	131			
70–74	354	292	335	307	325	314	245	301	275	276	253	235			
75–84	798	768	894	846	920	917	819	979	892	984	917	913			
85+	611	632	678	629	837	745	743	854	759	919	889	988			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	769	704	762	723	721	684	598	670	586	603	525	496			
<b>All ages</b>	<b>2,178</b>	<b>2,104</b>	<b>2,334</b>	<b>2,199</b>	<b>2,478</b>	<b>2,347</b>	<b>2,160</b>	<b>2,503</b>	<b>2,237</b>	<b>2,507</b>	<b>2,331</b>	<b>2,398</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	2	0	2	0	0	0	2	0	2			
25–34	5	10	5	0	9	13	8	8	8	8	12	12			
35–44	69	71	79	45	43	56	41	49	56	50	37	20	-6.8 *	-49.6	
45–54	391	381	350	327	314	283	281	263	135	235	142	125	-9.2 **	-21.3	
55–59	1,032	1,028	1,183	976	971	755	547	727	573	639	540	641	-6.5 **	27.7	
60–64	2,085	1,934	1,774	1,967	1,424	1,562	1,512	1,598	1,560	1,378	1,247	831	-5.3 **	-33.9 *	
65–69	3,848	3,723	3,911	3,687	3,688	3,159	3,115	3,033	2,469	2,476	2,037	2,197	-5.8 **	-0.3	
70–74	8,820	7,077	7,916	7,145	7,501	7,098	5,284	6,274	5,541	5,334	4,756	4,355	-5.5 **	-7.9	
75–84	17,617	16,314	18,154	16,368	16,883	16,167	13,932	16,056	14,152	15,159	13,703	13,050	-2.5 **	-5.3	
85+	44,563	43,161	44,921	40,442	51,676	44,571	42,716	46,458	39,166	44,989	41,142	43,278	-0.5	1.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,704	1,613	1,753	1,610	1,758	1,623	1,462	1,656	1,442	1,577	1,431	1,440			
Age std	1,616	1,496	1,606	1,462	1,568	1,442	1,275	1,417	1,219	1,300	1,161	1,134	-3.0 **	-3.8 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,107	984	1,034	949	911	839	715	780	662	662	559	513			
Age std	1,034	924	974	904	882	819	698	762	650	649	553	511	-5.8 **	-9.5 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

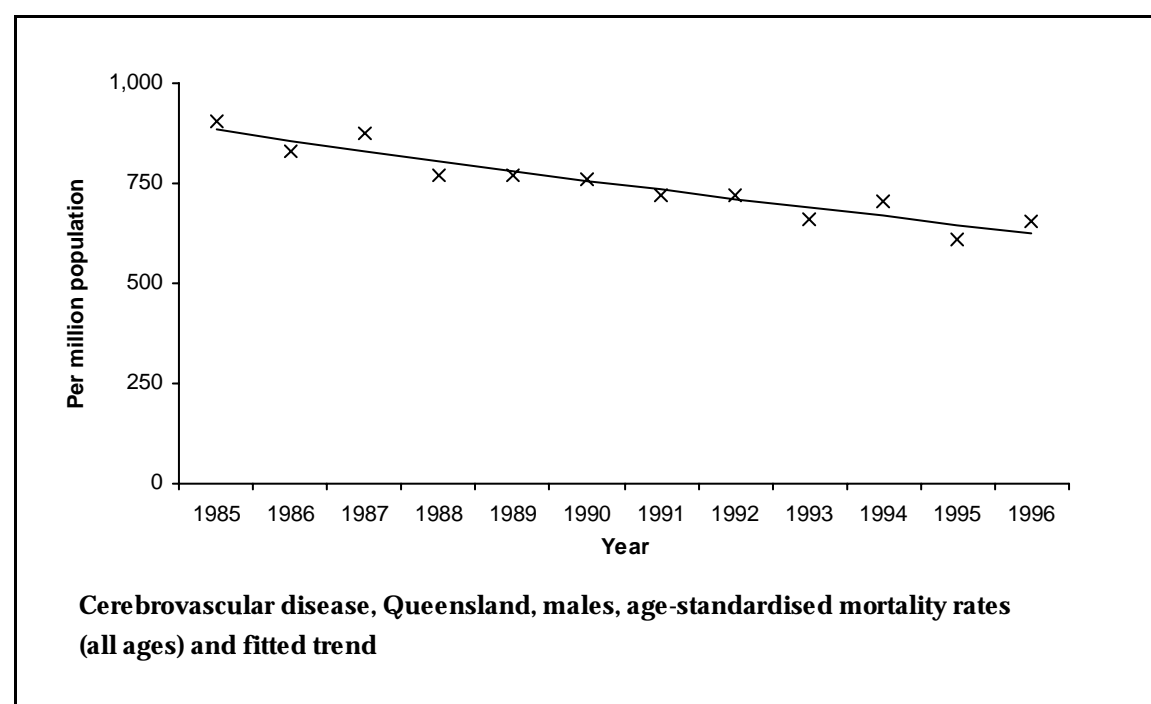


**ICD-9: 430–438  
Cerebrovascular disease**

**Queensland  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	4	3	1	2	6	4	1	4	1	3	1	2			
25–34	2	4	2	2	8	4	4	2	6	5	3	4			
35–44	8	12	15	13	13	15	17	14	9	11	9	10			
45–54	34	33	37	25	23	34	27	25	26	22	24	35			
55–59	39	28	28	22	23	29	25	23	23	18	18	27			
60–64	65	55	43	48	46	56	57	50	34	47	36	32			
65–69	82	80	80	88	86	73	82	74	65	60	67	83			
70–74	132	124	132	115	103	98	108	120	121	127	113	122			
75–84	296	288	321	304	313	321	317	377	341	373	335	372			
85+	161	158	188	161	182	190	177	168	186	228	208	227			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	362	336	337	313	302	309	320	308	284	290	270	313			
<b>All ages</b>	<b>823</b>	<b>785</b>	<b>847</b>	<b>780</b>	<b>803</b>	<b>824</b>	<b>815</b>	<b>857</b>	<b>812</b>	<b>894</b>	<b>814</b>	<b>914</b>			
<b>Age-specific rates (per million population)</b>															
<25	7	5	2	4	10	7	2	7	2	5	2	3	-6.5	2.8	
25–34	10	19	9	9	35	17	17	8	25	20	12	15	1.4	-17.2	
35–44	44	63	76	63	61	68	75	61	38	46	36	39	-4.2	-13.5	
45–54	272	256	275	178	154	215	162	141	138	111	115	161	-7.1 **	59.5	
55–59	665	471	472	371	386	484	410	364	349	261	248	354	-6.0 **	40.2	
60–64	1,185	980	761	836	783	936	945	829	564	778	591	517	-5.1 **	-17.7	
65–69	1,948	1,800	1,711	1,805	1,678	1,391	1,530	1,362	1,173	1,064	1,170	1,430	-4.5 **	36.1 *	
70–74	3,959	3,615	3,761	3,225	2,849	2,625	2,747	2,905	2,803	2,797	2,432	2,556	-3.8 **	8.2	
75–84	9,473	8,744	9,303	8,426	8,246	8,148	7,778	8,921	7,785	8,278	7,095	7,459	-1.9 **	0.1	
85+	27,545	25,889	29,550	24,258	26,198	26,734	23,484	20,619	21,096	24,450	20,812	21,293	-2.6 **	2.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	636	594	630	568	566	567	549	565	521	560	497	546			
Age std	907	831	875	770	770	762	722	722	661	706	612	653	-3.1 **	5.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	513	462	451	407	378	376	380	356	318	315	285	321			
Age std	536	484	473	428	400	396	399	373	333	330	300	336	-4.7 **	15.5 **	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



**ICD-9: 430–438  
Cerebrovascular disease**
**Queensland  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	5	4	2	1	2	3	2	1	2	2	2	2	2		
25–34	4	2	8	7	5	3	4	6	5	2	3	3	3		
35–44	14	10	7	9	10	10	11	11	12	3	12	14			
45–54	23	27	26	20	28	24	21	20	22	21	20	19			
55–59	31	25	15	19	24	14	13	23	20	14	15	26			
60–64	38	45	28	34	42	31	37	23	21	30	19	18			
65–69	73	68	54	66	60	66	54	47	45	52	46	52			
70–74	122	108	129	99	108	110	91	94	81	107	98	98			
75–84	445	406	413	398	416	433	427	430	455	453	483	463			
85+	474	408	489	460	452	473	459	472	496	538	562	570			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	305	285	267	254	277	258	231	224	206	229	213	230			
<b>All ages</b>	<b>1,229</b>	<b>1,103</b>	<b>1,171</b>	<b>1,113</b>	<b>1,147</b>	<b>1,167</b>	<b>1,119</b>	<b>1,127</b>	<b>1,159</b>	<b>1,222</b>	<b>1,260</b>	<b>1,265</b>			
<b>Age-specific rates (per million population)</b>															
<25	10	8	4	2	4	5	4	2	3	3	3	3	-8.6	51.2	
25–34	20	10	37	32	22	13	17	25	20	8	12	12	-6.1	-15.4	
35–44	81	55	37	45	48	46	50	49	51	13	49	55	-3.0	60.0	
45–54	196	224	207	152	200	162	134	120	124	112	101	92	-7.6 **	-4.8	
55–59	542	436	261	331	416	240	222	380	318	213	219	362	-4.4 *	71.6	
60–64	677	791	492	587	712	521	615	383	352	504	316	299	-6.9 **	-16.0	
65–69	1,561	1,391	1,067	1,254	1,101	1,185	961	829	777	888	781	872	-5.7 **	23.5	
70–74	3,040	2,618	3,048	2,304	2,492	2,486	1,963	1,959	1,632	2,068	1,842	1,816	-4.9 **	9.7	
75–84	9,824	8,624	8,387	7,700	7,634	7,634	7,264	7,052	7,219	6,979	7,217	6,618	-2.7 **	0.9	
85+	34,571	27,863	32,399	29,576	27,906	28,298	26,388	25,677	25,595	26,338	26,009	24,968	-2.3 **	2.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	962	846	880	815	814	807	758	745	747	769	774	759			
Age std	897	775	785	721	718	702	648	624	612	616	610	588	-3.5 **	5.5 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	439	399	362	333	350	317	276	261	233	251	227	238			
Age std	414	378	343	320	341	310	270	254	228	245	221	236	-5.6 **	15.2 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.





**ICD-9: 410  
Acute myocardial infarction**

**Queensland  
Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	0	1	2	0	0	0	0	2	0	1	0	0		
25–34	3	3	6	8	5	12	5	5	0	6	6	4		
35–44	39	55	45	32	29	40	41	39	34	31	24	28		
45–54	127	121	136	97	121	115	122	100	98	108	94	113		
55–59	144	159	147	116	132	126	95	103	105	85	95	94		
60–64	231	274	245	224	229	194	173	176	146	159	114	134		
65–69	296	325	308	325	336	318	304	276	269	237	208	215		
70–74	378	373	400	343	353	311	334	357	335	310	348	290		
75–84	613	595	661	670	719	688	666	693	634	656	618	663		
85+	188	214	231	239	265	244	211	233	288	288	294	307		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	1,218	1,310	1,287	1,145	1,205	1,116	1,074	1,056	987	936	889	878		
<b>All ages</b>	<b>2,019</b>	<b>2,120</b>	<b>2,181</b>	<b>2,054</b>	<b>2,189</b>	<b>2,048</b>	<b>1,951</b>	<b>1,984</b>	<b>1,909</b>	<b>1,881</b>	<b>1,801</b>	<b>1,848</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	2	4	0	0	0	0	3	0	2	0	0		
25–34	14	14	28	36	22	51	21	21	0	24	24	15	-2.5	-27.6
35–44	214	290	229	156	136	182	182	170	145	129	97	110	-7.1 **	0.8
45–54	1,016	937	1,012	691	811	728	733	564	521	545	452	519	-7.0 **	18.3
55–59	2,455	2,677	2,477	1,955	2,216	2,103	1,558	1,632	1,595	1,232	1,308	1,234	-7.1 **	2.6
60–64	4,211	4,885	4,339	3,899	3,897	3,242	2,869	2,920	2,421	2,631	1,871	2,164	-7.6 **	7.3
65–69	7,033	7,314	6,586	6,665	6,554	6,058	5,674	5,078	4,852	4,203	3,632	3,704	-6.2 **	-5.0
70–74	11,337	10,874	11,396	9,620	9,764	8,330	8,495	8,642	7,759	6,827	7,490	6,076	-5.2 **	-9.5
75–84	19,617	18,064	19,157	18,571	18,942	17,464	16,341	16,398	14,474	14,559	13,089	13,293	-3.7 **	-1.2
85+	32,164	35,065	36,309	36,010	38,146	34,332	27,995	28,596	32,664	30,885	29,418	28,797	-2.0 **	-1.5
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,561	1,605	1,623	1,495	1,544	1,409	1,315	1,307	1,225	1,178	1,101	1,105		
Age std	2,031	2,039	2,047	1,887	1,937	1,757	1,608	1,579	1,476	1,407	1,294	1,277	-4.6 **	-1.4
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,726	1,803	1,724	1,488	1,508	1,357	1,275	1,219	1,105	1,017	938	900		
Age std	1,797	1,863	1,788	1,554	1,586	1,427	1,335	1,277	1,157	1,062	980	943	-6.2 **	-2.1
<b>Females</b>														
<b>Deaths (number)</b>														
<25	0	0	0	1	0	1	0	0	0	0	0	0		
25–34	1	2	1	0	0	3	1	0	2	1	2	1		
35–44	10	6	8	5	9	8	5	8	4	6	4	2		
45–54	32	38	25	30	32	28	34	26	15	28	15	15		
55–59	46	44	48	37	46	35	24	28	21	32	26	29		
60–64	82	87	67	81	64	71	66	70	63	56	55	28		
65–69	136	141	140	148	159	130	128	122	105	92	75	99		
70–74	274	216	247	224	249	216	180	198	184	182	168	149		
75–84	554	532	614	573	615	618	562	645	576	645	590	573		
85+	374	402	378	370	489	446	428	470	425	503	516	558		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	581	534	536	525	559	491	438	452	394	397	345	323		
<b>All ages</b>	<b>1,509</b>	<b>1,468</b>	<b>1,528</b>	<b>1,469</b>	<b>1,663</b>	<b>1,556</b>	<b>1,428</b>	<b>1,567</b>	<b>1,395</b>	<b>1,545</b>	<b>1,451</b>	<b>1,454</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	0	0	2	0	2	0	0	0	0	0	0		
25–34	5	10	5	0	0	13	4	0	8	4	8	4		
35–44	58	33	42	25	43	37	23	35	17	25	16	8	-10.3 *	-56.2
45–54	272	315	199	228	229	189	217	156	84	149	76	72	-10.9 **	-24.2
55–59	804	766	835	645	798	601	410	462	334	487	380	404	-7.7 **	17.8
60–64	1,461	1,529	1,177	1,397	1,085	1,192	1,097	1,166	1,057	941	914	465	-6.0 **	-47.8 *
65–69	2,908	2,884	2,765	2,813	2,918	2,334	2,278	2,151	1,813	1,571	1,273	1,660	-6.7 **	13.2
70–74	6,827	5,235	5,837	5,213	5,747	4,883	3,882	4,127	3,708	3,517	3,158	2,761	-7.0 **	-9.4
75–84	12,230	11,301	12,469	11,086	11,286	10,896	9,560	10,578	9,139	9,937	8,816	8,190	-3.3 **	-7.4
85+	27,277	27,453	25,045	23,790	30,191	26,683	24,606	25,568	21,931	24,624	23,880	24,443	-1.2 *	4.5
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,181	1,126	1,148	1,076	1,180	1,076	967	1,036	899	972	891	873		
Age std	1,125	1,050	1,059	984	1,064	964	852	896	768	810	730	694	-4.1 **	-4.5 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	837	747	728	689	707	602	524	526	445	436	368	334		
Age std	780	702	683	656	684	588	512	515	437	427	364	334	-7.0 **	-10.0 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Queensland**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	17	10	12	9	14	19	13	14	4	16	12	13		
25–34	17	20	21	20	23	34	29	22	20	27	19	27		
35–44	100	109	93	79	83	84	85	92	85	81	80	79		
45–54	242	246	271	220	244	240	226	216	216	219	209	275		
55–59	291	284	277	231	248	225	194	207	207	183	190	197		
60–64	470	476	427	420	415	394	362	356	315	339	254	284		
65–69	577	556	595	611	617	602	575	547	527	530	452	497		
70–74	794	723	764	711	758	611	708	761	732	743	735	691		
75–84	1,418	1,372	1,518	1,515	1,636	1,577	1,544	1,661	1,579	1,687	1,513	1,704		
85+	644	642	720	682	752	728	670	731	816	903	858	936		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	2,491	2,414	2,448	2,292	2,388	2,190	2,179	2,201	2,102	2,122	1,939	2,050		
<b>All ages</b>	<b>4,570</b>	<b>4,438</b>	<b>4,698</b>	<b>4,498</b>	<b>4,790</b>	<b>4,514</b>	<b>4,406</b>	<b>4,607</b>	<b>4,501</b>	<b>4,728</b>	<b>4,322</b>	<b>4,703</b>		
<b>Age-specific rates (per million population)</b>														
<25	31	18	22	16	24	33	22	23	7	26	19	20	-2.2	9.8
25–34	81	94	96	90	100	145	123	92	82	108	74	104	0.1	6.1
35–44	550	574	473	385	389	382	377	400	362	336	323	311	-4.9 **	4.0
45–54	1,936	1,905	2,017	1,567	1,636	1,519	1,357	1,218	1,148	1,105	1,005	1,264	-5.8 **	33.2 **
55–59	4,960	4,781	4,668	3,894	4,164	3,756	3,182	3,279	3,144	2,652	2,617	2,585	-6.3 **	5.4
60–64	8,567	8,486	7,561	7,311	7,062	6,584	6,004	5,906	5,223	5,611	4,168	4,586	-5.9 **	2.8
65–69	13,709	12,513	12,722	12,531	12,036	11,468	10,732	10,065	9,506	9,399	7,894	8,563	-4.6 **	3.5
70–74	23,815	21,077	21,767	19,941	20,966	16,365	18,007	18,423	16,954	16,364	15,819	14,479	-3.8 **	-4.1
75–84	45,379	41,654	43,995	41,992	43,100	40,030	37,883	39,303	36,047	37,441	32,044	34,165	-2.7 **	1.4
85+	110,180	105,194	113,172	102,757	108,248	102,434	88,895	89,715	92,548	96,836	85,852	87,797	-2.3 **	2.1
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,534	3,361	3,495	3,273	3,378	3,106	2,970	3,035	2,888	2,960	2,641	2,811		
Age std	4,761	4,437	4,571	4,233	4,352	3,981	3,732	3,751	3,539	3,598	3,148	3,282	-3.5 **	2.7 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	3,530	3,322	3,279	2,979	2,989	2,663	2,586	2,541	2,354	2,306	2,046	2,101		
Age std	3,673	3,437	3,404	3,112	3,149	2,799	2,711	2,659	2,461	2,409	2,138	2,196	-4.8 **	3.5 **
<b>Females</b>														
<b>Deaths (number)</b>														
<25	10	15	4	12	12	13	6	8	11	9	14	4		
25–34	10	12	19	16	15	12	13	13	10	14	12	14		
35–44	35	31	36	30	33	32	32	28	33	28	32	29		
45–54	84	93	87	70	84	90	80	78	60	79	62	62		
55–59	111	103	98	95	101	71	64	84	74	70	72	87		
60–64	186	179	147	170	151	147	151	145	135	139	115	91		
65–69	294	290	293	303	300	284	273	271	231	243	207	222		
70–74	554	478	542	474	515	504	433	478	416	454	423	399		
75–84	1,541	1,417	1,572	1,499	1,633	1,640	1,522	1,689	1,639	1,719	1,691	1,673		
85+	1,449	1,372	1,502	1,418	1,708	1,566	1,539	1,708	1,660	1,898	1,864	1,969		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	1,274	1,186	1,222	1,158	1,199	1,140	1,046	1,097	959	1,027	923	904		
<b>All ages</b>	<b>4,274</b>	<b>3,990</b>	<b>4,300</b>	<b>4,087</b>	<b>4,552</b>	<b>4,359</b>	<b>4,113</b>	<b>4,502</b>	<b>4,269</b>	<b>4,653</b>	<b>4,492</b>	<b>4,550</b>		
<b>Age-specific rates (per million population)</b>														
<25	19	28	8	22	22	23	11	14	19	15	23	7	-3.7	-61.9
25–34	49	58	89	73	66	51	55	54	41	56	47	54	-2.8	14.6
35–44	202	170	189	151	158	148	144	123	142	117	130	114	-4.5 *	0.2
45–54	715	771	692	532	600	607	510	467	338	421	314	299	-8.0 **	-7.3
55–59	1,941	1,794	1,706	1,656	1,752	1,219	1,094	1,387	1,178	1,065	1,052	1,213	-5.4 **	26.4
60–64	3,314	3,147	2,582	2,933	2,559	2,469	2,509	2,414	2,264	2,337	1,912	1,512	-5.0 **	-23.4
65–69	6,286	5,933	5,787	5,759	5,505	5,098	4,859	4,779	3,988	4,149	3,515	3,722	-5.1 **	2.5
70–74	13,804	11,585	12,808	11,031	11,886	11,393	9,339	9,964	8,383	8,774	7,951	7,394	-5.1 **	-4.5
75–84	34,019	30,100	31,923	29,001	29,967	28,914	25,891	27,700	26,004	26,483	25,269	23,912	-2.6 **	-2.2
85+	105,682	93,697	99,516	91,172	105,452	93,688	88,479	92,917	85,660	92,916	86,264	86,250	-1.5 **	0.3
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,344	3,060	3,230	2,992	3,229	3,015	2,784	2,978	2,752	2,926	2,758	2,732		
Age std	3,141	2,814	2,924	2,684	2,859	2,655	2,410	2,525	2,293	2,384	2,212	2,135	-3.1 **	-1.5 *
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,834	1,658	1,659	1,520	1,516	1,398	1,251	1,277	1,084	1,127	983	936		
Age std	1,719	1,564	1,567	1,451	1,470	1,367	1,221	1,248	1,064	1,106	969	932	-5.2 **	-3.2 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Western Australia**

**Profiles with graph**

Ischaemic heart disease ..... 72  
Cerebrovascular disease ..... 74

**Profiles without graph**

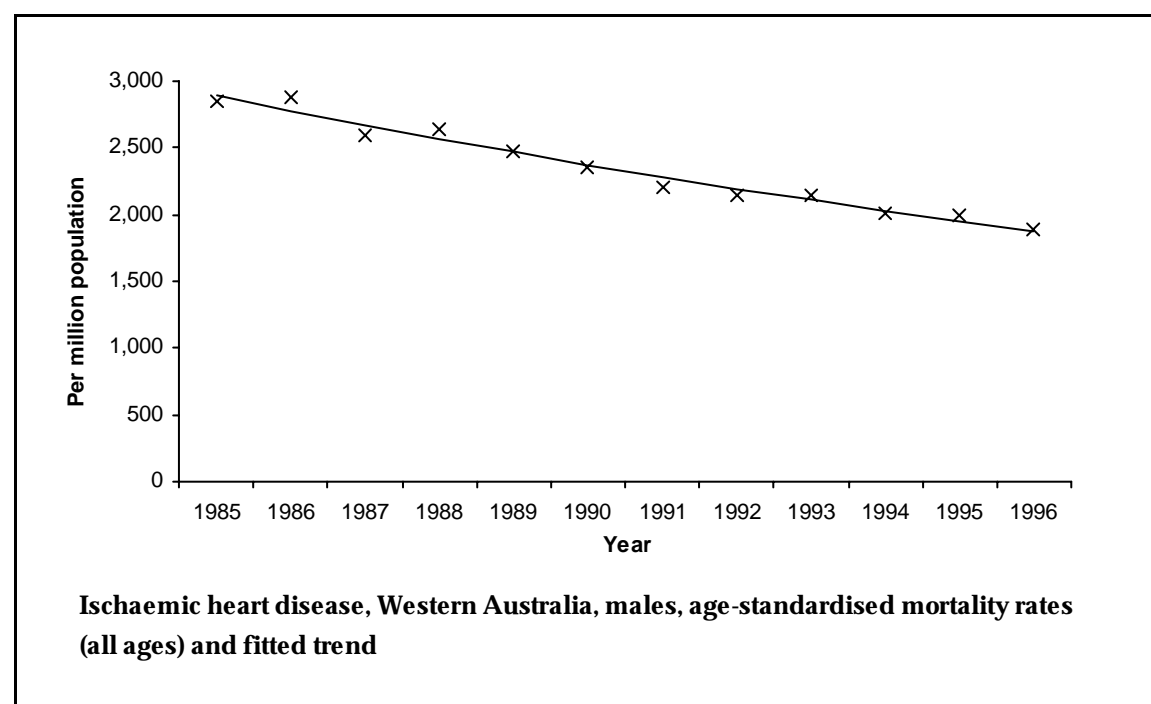
Acute myocardial infarction..... 76  
Diseases of the circulatory system..... 77

**ICD-9: 410–414  
Ischaemic heart disease**

**Western Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	1	0	0	1	4	1	1	0	2	2			
25–34	6	8	11	4	6	5	5	5	6	5	3	9			
35–44	20	31	27	24	33	28	29	19	31	29	31	28			
45–54	82	93	97	86	88	78	78	88	79	77	92	72			
55–59	110	93	98	92	75	79	74	61	73	71	75	53			
60–64	151	167	128	143	153	135	126	110	115	106	72	112			
65–69	171	187	184	201	193	211	174	191	166	166	188	128			
70–74	259	244	242	229	206	190	207	213	212	219	226	200			
75–84	455	502	433	537	471	469	463	441	467	437	463	462			
85+	149	160	163	146	185	193	179	213	234	226	233	270			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	799	823	787	779	754	726	693	687	682	673	687	602			
<b>All ages</b>	<b>1,404</b>	<b>1,485</b>	<b>1,384</b>	<b>1,462</b>	<b>1,410</b>	<b>1,389</b>	<b>1,339</b>	<b>1,342</b>	<b>1,384</b>	<b>1,336</b>	<b>1,385</b>	<b>1,336</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	3	0	0	3	12	3	3	0	6	6			
25–34	49	63	85	30	44	36	36	37	44	36	22	64	-3.7	137.7	
35–44	191	280	234	199	264	217	220	143	232	214	225	199	-1.2	-3.4	
45–54	1,151	1,269	1,274	1,087	1,056	894	856	913	780	727	833	624	-5.6 **	-11.5	
55–59	3,461	2,860	3,010	2,821	2,292	2,408	2,244	1,804	2,079	1,943	1,979	1,344	-6.4 **	-20.4	
60–64	5,527	5,890	4,398	4,792	5,034	4,346	4,013	3,492	3,654	3,369	2,267	3,514	-5.9 **	28.8	
65–69	8,842	9,100	8,408	8,536	7,672	8,176	6,589	7,047	6,003	5,908	6,558	4,372	-5.1 **	-24.1 *	
70–74	15,611	14,364	14,123	13,642	12,454	11,036	11,414	11,113	10,408	10,084	10,123	8,688	-4.7 **	-5.6	
75–84	27,698	29,201	24,256	29,035	24,547	23,473	22,540	21,034	22,137	20,566	20,829	19,868	-3.4 **	2.4	
85+	57,110	54,701	53,742	43,556	51,247	50,392	44,450	48,864	50,107	45,740	44,739	49,297	-1.3	11.2	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,962	2,017	1,834	1,888	1,773	1,710	1,627	1,609	1,640	1,560	1,588	1,505			
Age std	2,855	2,878	2,598	2,641	2,478	2,358	2,201	2,144	2,146	2,004	2,000	1,888	-3.9 **	0.9	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,030	2,015	1,865	1,787	1,675	1,574	1,478	1,438	1,402	1,354	1,351	1,156			
Age std	2,337	2,325	2,160	2,100	1,974	1,849	1,718	1,655	1,582	1,511	1,498	1,287	-5.1 **	-6.4 **	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



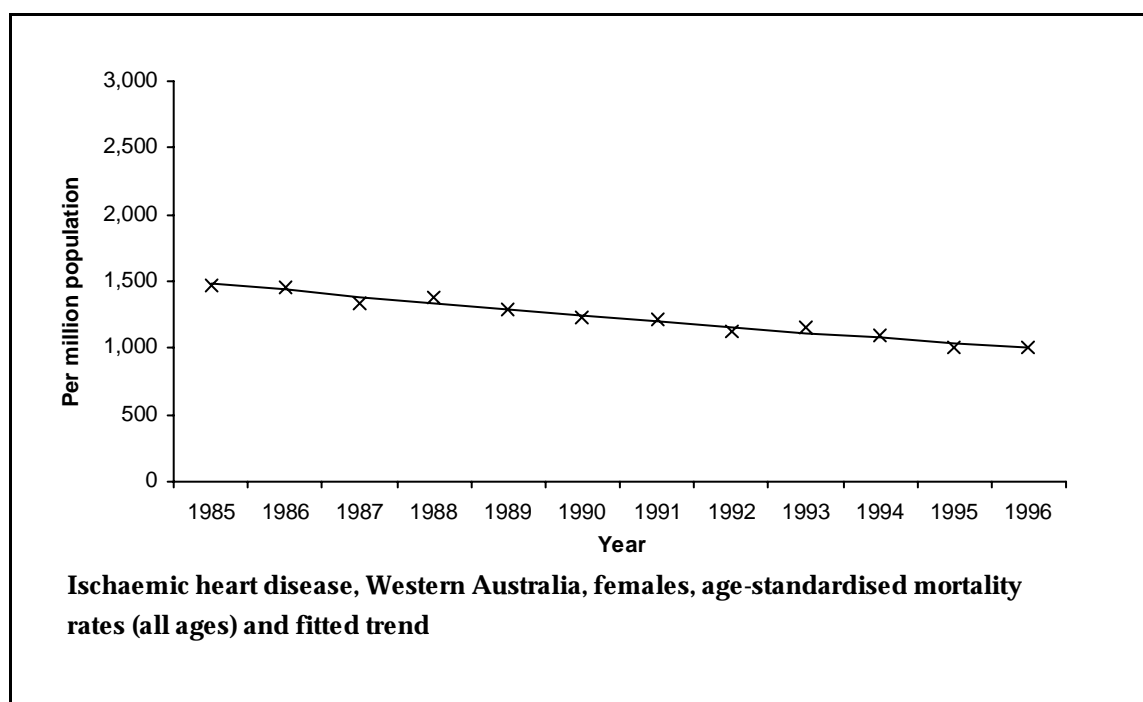
**ICD-9: 410–414**  
**Ischaemic heart disease**
**Western Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	1	0	0	0	0	0		
25–34	0	3	0	0	0	1	2	2	1	0	1	1	1		
35–44	3	8	4	4	6	5	2	3	2	4	4	4	7		
45–54	15	24	21	15	20	12	11	14	14	10	20	14	14		
55–59	20	21	23	25	28	16	19	26	16	11	14	16	16		
60–64	39	55	50	45	45	44	44	35	36	30	25	31	31		
65–69	75	75	85	95	75	74	76	68	61	70	52	66	66		
70–74	147	155	136	132	107	111	134	120	104	121	112	94	94		
75–84	426	422	383	446	458	449	390	401	433	402	375	363	363		
85+	267	278	292	304	294	319	375	347	443	429	432	498	498		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	299	341	319	316	281	263	288	268	234	246	228	229	229		
<b>All ages</b>	<b>992</b>	<b>1,041</b>	<b>994</b>	<b>1,066</b>	<b>1,033</b>	<b>1,031</b>	<b>1,053</b>	<b>1,017</b>	<b>1,110</b>	<b>1,077</b>	<b>1,035</b>	<b>1,090</b>	<b>1,090</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	3	0	0	0	0	0		
25–34	0	24	0	0	0	7	15	15	7	0	7	7	7		
35–44	31	78	37	35	50	40	16	23	15	30	29	50	50	-4.2	150.0
45–54	226	350	295	204	259	148	131	157	150	102	194	130	130	-7.5 **	7.7
55–59	668	691	751	810	897	509	597	796	473	313	388	427	427	-6.0 **	0.9
60–64	1,399	1,929	1,727	1,527	1,505	1,442	1,425	1,134	1,169	968	797	979	979	-6.0 **	7.3
65–69	3,379	3,246	3,476	3,668	2,749	2,684	2,718	2,398	2,115	2,410	1,759	2,196	2,196	-5.4 **	15.7
70–74	7,145	7,315	6,395	6,254	5,166	5,213	6,071	5,187	4,302	4,753	4,358	3,594	3,594	-5.4 **	-12.5
75–84	17,774	16,809	14,574	16,358	16,079	15,160	12,734	12,829	13,694	12,632	11,390	10,662	10,662	-4.1 **	-6.8
85+	42,625	39,925	40,121	39,302	35,871	36,938	41,899	36,423	43,779	39,918	37,925	41,276	41,276	0.1	5.7
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,411	1,440	1,340	1,401	1,319	1,288	1,295	1,234	1,331	1,272	1,201	1,242	1,242		
Age std	1,467	1,458	1,340	1,379	1,284	1,227	1,210	1,123	1,162	1,093	999	1,003	1,003	-3.5 **	0.2
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	778	856	775	742	638	582	624	570	489	503	456	448	448		
Age std	797	881	809	787	689	632	676	609	518	528	476	475	475	-5.6 **	1.7

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

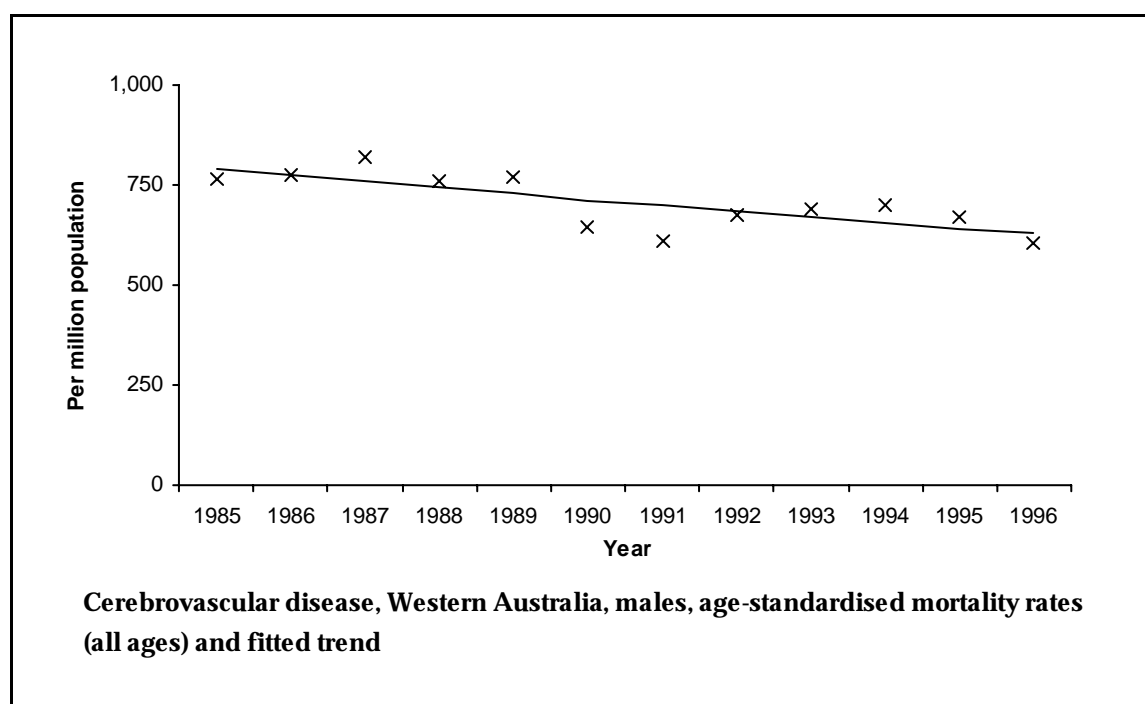


**ICD-9: 430–438  
Cerebrovascular disease**

**Western Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	1	1	1	0	2	2	0	0	0	1	0	0		
25–34	4	6	2	2	2	1	3	4	2	2	1	0		
35–44	6	3	6	4	8	5	4	6	6	3	7	10		
45–54	11	19	15	9	10	11	12	12	10	20	12	9		
55–59	12	16	16	8	16	14	7	6	6	11	12	6		
60–64	16	24	25	18	22	21	16	19	24	17	12	12		
65–69	35	32	47	34	47	30	39	33	47	35	41	29		
70–74	67	56	74	65	53	44	38	53	63	49	58	45		
75–84	149	150	149	167	162	148	147	186	175	193	175	175		
85+	50	65	75	79	88	80	82	84	94	111	122	123		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	151	156	185	140	158	126	119	133	158	137	143	111		
<b>All ages</b>	<b>351</b>	<b>372</b>	<b>410</b>	<b>386</b>	<b>410</b>	<b>356</b>	<b>348</b>	<b>403</b>	<b>427</b>	<b>442</b>	<b>440</b>	<b>409</b>		
<b>Age-specific rates (per million population)</b>														
<25	3	3	3	0	6	6	0	0	0	3	0	0		
25–34	33	48	15	15	15	7	22	29	15	14	7	0	-12.5 *	-100.0
35–44	57	27	52	33	64	39	30	45	45	22	51	71	1.5	86.5
45–54	154	259	197	114	120	126	132	124	99	189	109	78	-5.5 *	-30.4
55–59	378	492	491	245	489	427	212	177	171	301	317	152	-7.3 *	-31.8
60–64	586	847	859	603	724	676	510	603	762	540	378	376	-4.8 *	-25.1
65–69	1,810	1,557	2,148	1,444	1,868	1,163	1,477	1,217	1,700	1,246	1,430	990	-3.9 *	-22.8
70–74	4,038	3,297	4,319	3,872	3,204	2,556	2,095	2,765	3,093	2,256	2,598	1,955	-5.6 **	-12.2
75–84	9,070	8,725	8,347	9,029	8,443	7,407	7,156	8,872	8,295	9,083	7,873	7,526	-0.9	-6.8
85+	19,164	22,222	24,728	23,568	24,377	20,888	20,363	19,270	20,128	22,465	23,425	22,458	0.0	3.7
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	490	505	543	499	515	438	423	483	506	516	505	461		
Age std	764	773	822	762	768	644	611	677	690	699	668	604	-2.1 **	-5.2 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	384	382	438	321	351	273	254	278	325	276	281	213		
Age std	454	442	520	392	423	326	299	325	376	307	316	239	-5.0 **	-16.0 **

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



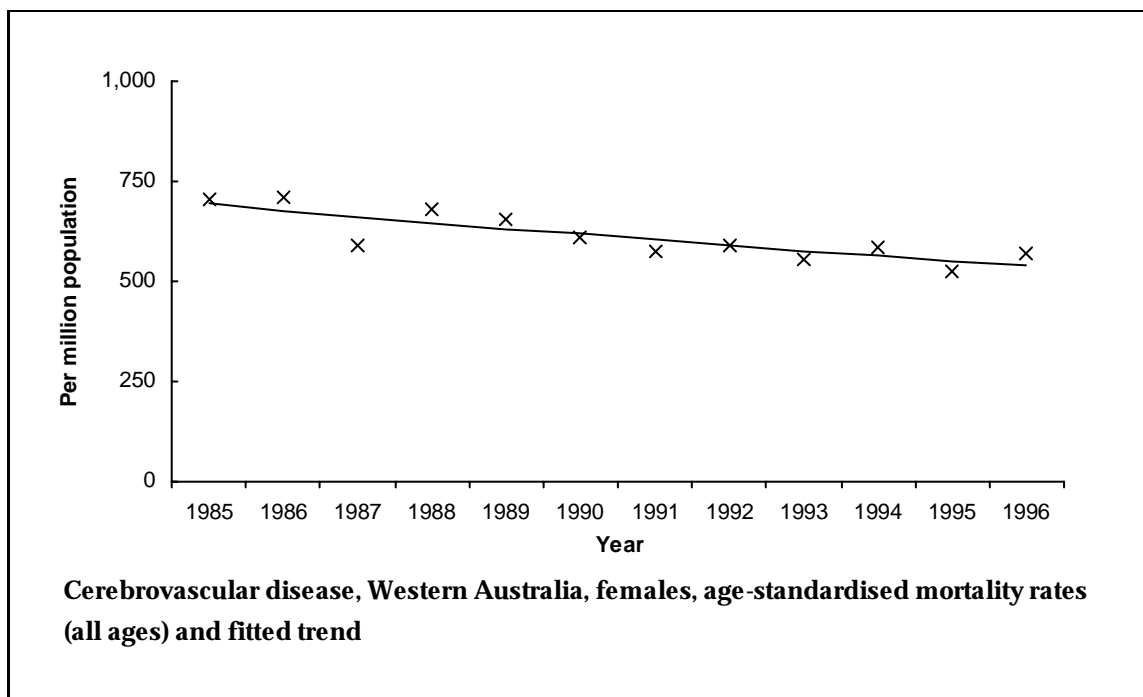
**ICD-9: 430–438  
Cerebrovascular disease**
**Western Australia  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	1	3	0	0	0	0	1	2	1	3	0	4			
25–34	2	2	0	1	4	1	0	3	2	3	2	3			
35–44	3	3	2	3	5	3	3	3	7	9	4	3			
45–54	8	10	4	7	5	9	11	12	8	5	9	15			
55–59	15	11	11	8	5	8	9	8	4	6	5	7			
60–64	8	14	12	17	13	16	15	11	13	8	15	8			
65–69	20	29	19	26	28	21	29	24	24	24	18	19			
70–74	53	48	56	45	58	40	37	42	29	52	51	47			
75–84	197	199	164	228	217	213	182	195	200	213	206	216			
85+	176	198	178	202	201	218	223	256	258	274	247	319			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	109	117	104	107	118	98	104	103	87	107	104	102			
<b>All ages</b>	<b>483</b>	<b>517</b>	<b>446</b>	<b>537</b>	<b>536</b>	<b>529</b>	<b>510</b>	<b>556</b>	<b>546</b>	<b>597</b>	<b>557</b>	<b>641</b>			
<b>Age-specific rates (per million population)</b>															
<25	3	10	0	0	0	0	3	6	3	10	0	13			
25–34	17	16	0	8	30	7	0	22	15	22	15	22			
35–44	31	29	18	26	42	24	23	23	53	67	29	21	3.4	-55.0	
45–54	121	146	56	95	65	111	131	135	85	51	87	139	-0.3	69.7	
55–59	501	362	359	259	160	254	283	245	118	171	138	187	-9.6 **	53.2	
60–64	287	491	414	577	435	524	486	356	422	258	478	253	-2.3	-38.3	
65–69	901	1,255	777	1,004	1,026	762	1,037	846	832	826	609	632	-3.9	-12.8	
70–74	2,576	2,265	2,633	2,132	2,800	1,879	1,676	1,816	1,199	2,042	1,985	1,797	-3.7 *	11.5	
75–84	8,219	7,927	6,241	8,362	7,618	7,192	5,942	6,238	6,325	6,693	6,257	6,345	-2.3 **	6.5	
85+	28,097	28,436	24,457	26,115	24,524	25,243	24,916	26,871	25,497	25,495	21,684	26,440	-0.8	12.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	687	715	601	706	685	661	627	675	655	705	646	730			
Age std	707	711	589	680	653	612	573	592	554	587	526	572	-2.3 **	8.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	284	294	253	251	268	217	225	219	182	219	208	199			
Age std	286	303	260	266	288	234	243	232	192	226	217	205	-3.4 **	2.4	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9 : 410**  
**Acute myocardial infarction**
**Western Australia**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	1	4	0	1	0	1	1			
25–34	5	5	4	3	3	2	1	2	6	3	1	5			
35–44	16	27	20	13	20	19	18	10	13	11	18	9			
45–54	62	69	68	59	60	47	41	44	42	37	40	42			
55–59	74	72	65	56	51	50	41	37	41	31	32	19			
60–64	121	120	90	95	103	90	72	71	72	47	38	59			
65–69	120	126	133	136	145	127	115	121	97	95	110	74			
70–74	187	162	171	181	144	115	128	131	138	132	129	104			
75–84	323	357	305	370	335	322	286	288	317	255	280	288			
85+	94	100	102	85	110	116	112	124	112	122	136	127			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	585	581	551	543	526	450	416	416	409	356	368	312			
<b>All ages</b>	<b>1,002</b>	<b>1,038</b>	<b>958</b>	<b>998</b>	<b>971</b>	<b>889</b>	<b>818</b>	<b>828</b>	<b>839</b>	<b>733</b>	<b>785</b>	<b>728</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	3	12	0	3	0	3	3			
25–34	41	40	31	22	22	14	7	15	44	22	7	35	–4.4	159.4	
35–44	152	244	173	108	160	147	137	75	97	81	130	64	–7.7 **	–26.1	
45–54	870	941	893	746	720	539	450	456	415	350	362	364	–9.8 **	21.9	
55–59	2,329	2,214	1,996	1,717	1,559	1,524	1,243	1,094	1,168	848	845	482	–10.9 **	–36.5	
60–64	4,429	4,233	3,092	3,183	3,389	2,897	2,293	2,254	2,287	1,494	1,197	1,851	–9.5 **	34.5	
65–69	6,205	6,131	6,078	5,775	5,764	4,921	4,355	4,464	3,508	3,381	3,837	2,527	–7.1 **	–22.9	
70–74	11,271	9,537	9,980	10,782	8,706	6,680	7,058	6,835	6,775	6,078	5,778	4,518	–7.0 **	–14.7	
75–84	19,663	20,767	17,086	20,005	17,459	16,116	13,923	13,737	15,027	12,001	12,596	12,385	–4.9 **	6.1	
85+	36,029	34,188	33,630	25,358	30,471	30,287	27,812	28,447	23,983	24,691	26,114	23,188	–3.4 **	–1.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,400	1,410	1,269	1,289	1,221	1,094	994	993	994	856	900	820			
Age std	2,015	1,988	1,790	1,795	1,696	1,509	1,351	1,327	1,299	1,108	1,146	1,033	–6.1 **	–0.8	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,486	1,422	1,306	1,246	1,168	975	887	871	841	716	724	599			
Age std	1,709	1,631	1,517	1,478	1,382	1,143	1,038	1,008	955	806	810	670	–8.0 **	–8.2 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	1	0	0	0	0			
25–34	0	3	0	0	0	1	1	0	1	0	0	0			
35–44	2	3	2	3	2	4	1	1	2	4	2	3			
45–54	12	16	14	8	9	9	7	11	7	6	8	10			
55–59	17	17	17	16	18	9	12	17	9	5	9	6			
60–64	25	42	37	30	29	33	32	17	17	20	17	20			
65–69	60	52	59	68	49	57	43	42	31	47	36	37			
70–74	105	110	105	100	75	77	81	77	71	76	75	59			
75–84	305	303	277	283	326	312	263	280	273	235	241	228			
85+	158	168	183	178	183	174	216	188	243	237	222	257			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	221	243	234	225	182	190	177	165	138	158	147	135			
<b>All ages</b>	<b>684</b>	<b>714</b>	<b>694</b>	<b>686</b>	<b>691</b>	<b>676</b>	<b>656</b>	<b>634</b>	<b>654</b>	<b>630</b>	<b>610</b>	<b>620</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	3	0	0	0	0			
25–34	0	24	0	0	0	7	7	0	7	0	0	0			
35–44	20	29	18	26	17	32	8	8	15	30	15	21	–2.4	36.7	
45–54	181	233	197	109	116	111	83	123	75	61	78	93	–9.5 **	60.6	
55–59	567	560	555	518	576	286	377	521	266	142	249	160	–10.0 **	–28.4	
60–64	897	1,473	1,278	1,018	970	1,081	1,036	551	552	645	542	631	–7.5 **	17.7	
65–69	2,703	2,251	2,413	2,625	1,796	2,068	1,538	1,481	1,075	1,618	1,217	1,231	–7.5 **	9.5	
70–74	5,104	5,191	4,937	4,738	3,621	3,616	3,670	3,329	2,937	2,985	2,919	2,256	–6.8 **	–12.2	
75–84	12,725	12,069	10,541	10,380	11,445	10,534	8,587	8,958	8,634	7,385	7,320	6,697	–5.4 **	–5.2	
85+	25,223	24,128	25,144	23,012	22,328	20,148	24,134	19,733	24,014	22,053	19,489	21,301	–1.6 *	4.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	973	988	936	901	883	844	807	769	784	744	708	706			
Age std	1,015	1,003	939	893	861	813	756	705	688	646	602	578	–5.2 **	–0.4	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	575	610	568	529	414	420	384	351	288	323	294	264			
Age std	591	626	592	560	447	457	415	374	303	339	309	280	–7.4 **	0.6	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Western Australia**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	3	5	5	3	6	5	7	5	8	8	3	8			
25–34	12	19	15	12	11	14	12	16	18	11	11	12			
35–44	33	38	40	35	49	43	45	30	44	35	44	50			
45–54	105	131	128	113	115	104	105	115	107	116	127	100			
55–59	144	129	133	113	100	108	89	79	96	101	95	72			
60–64	192	227	182	188	200	188	174	158	167	145	111	141			
65–69	240	265	266	273	271	275	260	264	258	231	264	191			
70–74	377	357	379	348	307	278	296	315	338	302	338	286			
75–84	736	804	688	838	767	753	754	750	786	761	751	775			
85+	278	300	313	300	340	345	353	376	424	427	437	500			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,103	1,166	1,143	1,082	1,053	1,010	981	977	1,028	941	990	852			
All ages	2,121	2,275	2,149	2,223	2,166	2,113	2,095	2,108	2,246	2,137	2,181	2,135			
<b>Age-specific rates (per million population)</b>															
<25	10	16	16	9	19	15	21	15	24	24	9	24	4.4	18.5	
25–34	98	151	115	90	80	101	88	117	131	80	79	85	–2.5	–4.2	
35–44	315	344	347	290	391	333	341	226	329	259	319	356	–0.7	23.5	
45–54	1,474	1,787	1,682	1,429	1,380	1,193	1,153	1,193	1,056	1,096	1,149	867	–5.0 **	–12.3	
55–59	4,531	3,967	4,085	3,465	3,057	3,292	2,699	2,337	2,734	2,764	2,507	1,826	–6.4 **	–17.1	
60–64	7,027	8,007	6,254	6,299	6,580	6,052	5,542	5,016	5,306	4,609	3,495	4,424	–5.5 **	10.3	
65–69	12,410	12,895	12,156	11,593	10,772	10,656	9,846	9,740	9,329	8,221	9,209	6,523	–4.8 **	–20.7 *	
70–74	22,723	21,016	22,118	20,730	18,560	16,148	16,321	16,435	16,595	13,906	15,140	12,425	–4.9 **	–8.5	
75–84	44,804	46,769	38,541	45,310	39,973	37,688	36,707	35,772	37,258	35,813	33,785	33,328	–2.8 **	1.2	
85+	106,554	102,564	103,198	89,499	94,183	90,078	87,658	86,258	90,792	86,420	83,909	91,291	–1.6 **	11.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,964	3,090	2,847	2,871	2,723	2,601	2,546	2,528	2,662	2,495	2,501	2,405			
Age std	4,442	4,511	4,130	4,123	3,884	3,646	3,513	3,416	3,523	3,258	3,191	3,052	–3.5 **	0.6	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,802	2,855	2,708	2,482	2,339	2,189	2,092	2,045	2,114	1,894	1,947	1,636			
Age std	3,240	3,299	3,153	2,933	2,771	2,574	2,437	2,358	2,396	2,108	2,164	1,819	–4.9 **	–8.6 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	7	5	0	1	1	3	9	7	3	6	3	4			
25–34	11	11	0	5	6	8	3	9	5	4	6	8			
35–44	11	20	9	11	19	11	13	8	17	21	14	15			
45–54	32	45	33	29	33	27	30	33	30	26	36	33			
55–59	38	39	42	40	43	31	38	40	26	21	24	26			
60–64	63	83	79	78	73	73	72	64	61	46	44	48			
65–69	119	119	130	132	127	122	135	114	108	111	86	101			
70–74	255	229	223	206	201	187	210	201	168	210	199	185			
75–84	763	781	682	798	798	800	703	753	779	748	737	722			
85+	618	656	635	656	680	712	792	798	914	900	910	1,020			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	529	546	516	501	502	459	501	469	415	439	409	416			
All ages	1,917	1,988	1,833	1,956	1,981	1,974	2,005	2,027	2,111	2,093	2,059	2,162			
<b>Age-specific rates (per million population)</b>															
<25	24	17	0	3	3	10	29	22	10	19	9	13	1.3	–16.5	
25–34	92	89	0	38	45	59	22	66	37	29	44	58	–3.6	80.3	
35–44	113	194	83	96	159	88	101	61	129	157	102	107	–1.3	–0.2	
45–54	482	656	463	394	427	334	357	370	321	265	349	305	–5.6 **	12.2	
55–59	1,268	1,284	1,372	1,296	1,377	985	1,193	1,225	768	598	664	694	–6.7 **	–2.0	
60–64	2,260	2,911	2,729	2,647	2,441	2,392	2,332	2,073	1,981	1,484	1,402	1,515	–5.6 **	–3.9	
65–69	5,362	5,151	5,316	5,096	4,656	4,426	4,829	4,020	3,744	3,822	2,908	3,361	–4.8 **	2.7	
70–74	12,395	10,807	10,485	9,759	9,704	8,782	9,515	8,689	6,949	8,248	7,744	7,072	–4.4 **	–0.3	
75–84	31,834	31,109	25,952	29,268	28,015	27,012	22,954	24,090	24,637	23,505	22,384	21,207	–3.3 **	–1.5	
85+	98,659	94,212	87,249	84,809	82,967	82,446	88,492	83,762	90,325	83,744	79,888	84,542	–1.0 *	4.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,727	2,750	2,472	2,570	2,530	2,465	2,466	2,459	2,531	2,472	2,389	2,463			
Age std	2,822	2,757	2,449	2,504	2,436	2,322	2,281	2,207	2,185	2,090	1,964	1,967	–3.2 **	1.8 *	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,377	1,371	1,253	1,177	1,141	1,015	1,086	998	868	898	819	813			
Age std	1,404	1,410	1,307	1,244	1,227	1,099	1,172	1,064	915	934	851	854	–4.8 **	1.6	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**South Australia**

**Profiles with graph**

Ischaemic heart disease ..... 80  
Cerebrovascular disease ..... 82

**Profiles without graph**

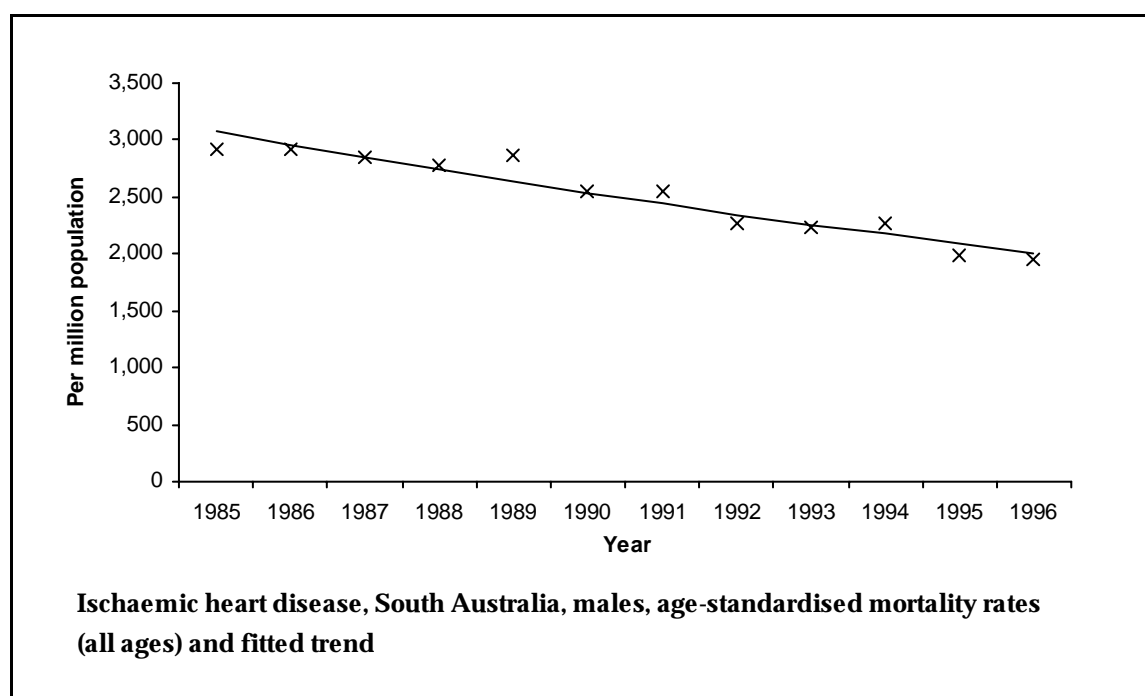
Acute myocardial infarction..... 84  
Diseases of the circulatory system..... 85

**ICD-9: 410–414  
Ischaemic heart disease**

**South Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	2	0	0	2	0	0	0	0	0	0	0		
25–34	3	1	2	5	3	4	2	0	4	2	5	5			
35–44	26	38	21	32	28	24	17	25	27	16	29	25			
45–54	115	93	92	101	78	78	78	73	56	82	71	79			
55–59	124	121	115	102	114	96	82	81	71	53	61	61			
60–64	182	205	183	196	183	171	151	142	127	120	107	89			
65–69	243	240	264	269	241	255	218	213	227	215	149	208			
70–74	278	304	316	326	306	270	289	265	297	288	245	261			
75–84	489	549	518	522	634	548	612	560	537	583	531	519			
85+	190	168	201	182	220	202	229	197	223	259	249	239			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	971	1,002	993	1,031	953	898	837	799	809	776	667	728			
<b>All ages</b>	<b>1,650</b>	<b>1,719</b>	<b>1,714</b>	<b>1,735</b>	<b>1,807</b>	<b>1,650</b>	<b>1,678</b>	<b>1,556</b>	<b>1,569</b>	<b>1,618</b>	<b>1,447</b>	<b>1,486</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	7	0	0	7	0	0	0	0	0	0			
25–34	27	9	17	43	26	34	17	0	35	17	44	45	5.2	55.6	
35–44	277	390	210	311	266	223	155	228	245	145	261	223	-3.8 *	19.8	
45–54	1,695	1,359	1,320	1,420	1,067	1,031	995	887	654	926	775	837	-6.8 **	25.0	
55–59	3,440	3,421	3,358	3,061	3,488	3,017	2,594	2,530	2,198	1,618	1,831	1,792	-6.6 **	-0.7	
60–64	5,544	6,178	5,461	5,779	5,401	5,041	4,516	4,361	4,002	3,846	3,511	2,950	-5.5 **	-16.5	
65–69	9,965	9,429	9,887	9,661	8,250	8,576	7,220	6,966	7,373	6,980	4,828	6,821	-4.9 **	20.0	
70–74	13,935	14,920	15,345	15,860	15,045	12,942	13,183	11,575	12,456	11,547	9,621	10,107	-3.9 **	-3.8	
75–84	27,254	29,271	26,270	25,271	29,097	24,141	26,016	23,261	21,771	23,251	20,381	19,047	-3.3 **	-9.1	
85+	58,714	48,485	56,844	50,429	58,417	51,888	55,327	44,260	47,619	52,050	47,931	42,406	-1.9 **	-10.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,422	2,499	2,475	2,487	2,565	2,322	2,338	2,154	2,168	2,229	1,990	2,038			
Age std	2,911	2,916	2,844	2,783	2,870	2,546	2,542	2,268	2,237	2,260	1,980	1,954	-3.8 **	-3.9 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,513	2,547	2,487	2,543	2,316	2,154	1,983	1,872	1,883	1,791	1,531	1,660			
Age std	2,439	2,468	2,407	2,474	2,256	2,094	1,917	1,797	1,790	1,683	1,440	1,557	-4.9 **	3.9 **	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



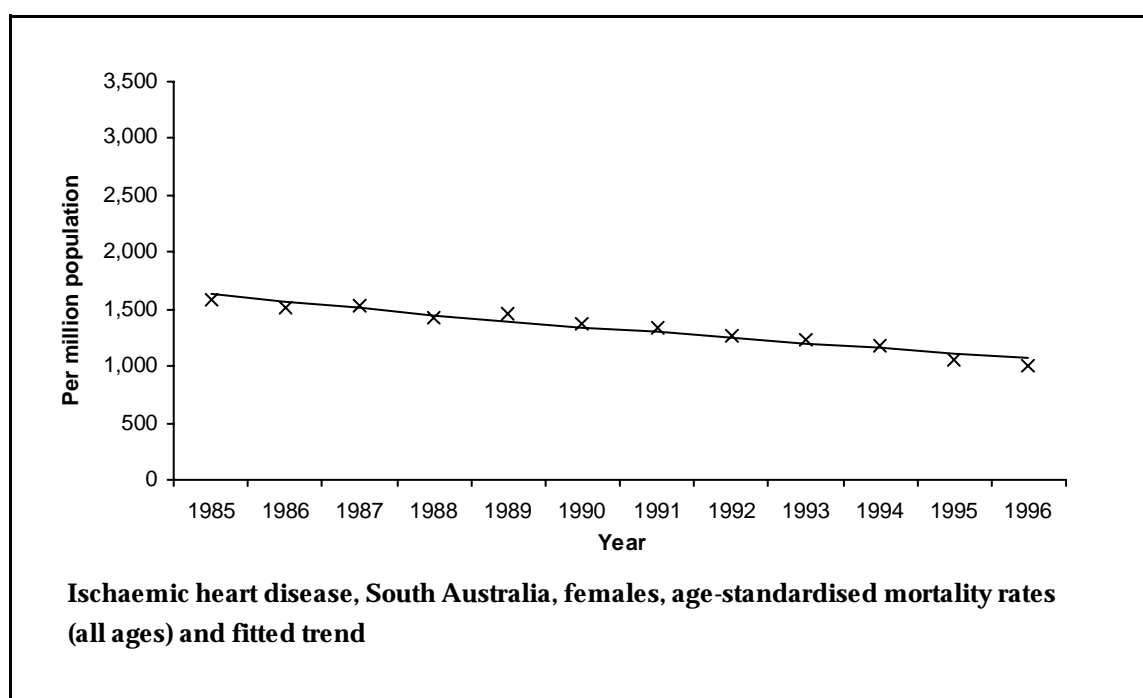
**ICD-9: 410–414**  
**Ischaemic heart disease**
**South Australia**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	2	0	0	0	0	0	0	0	0	0	0		
25–34	1	0	3	0	2	0	1	1	2	2	0	2			
35–44	4	4	5	2	2	6	5	4	4	3	8	6			
45–54	34	16	23	18	23	6	14	18	11	12	13	13			
55–59	31	40	34	29	21	18	14	22	18	18	17	13			
60–64	66	67	64	57	66	52	53	48	46	31	23	28			
65–69	94	123	136	99	128	124	102	78	99	73	62	57			
70–74	213	195	204	191	175	172	158	147	165	130	149	141			
75–84	509	497	504	507	554	516	553	520	519	538	479	464			
85+	388	379	398	428	415	455	463	499	485	550	497	513			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	443	445	469	396	417	378	347	318	345	269	272	260			
<b>All ages</b>	<b>1,340</b>	<b>1,321</b>	<b>1,373</b>	<b>1,331</b>	<b>1,386</b>	<b>1,349</b>	<b>1,363</b>	<b>1,337</b>	<b>1,349</b>	<b>1,357</b>	<b>1,248</b>	<b>1,237</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	8	0	0	0	0	0	0	0	0	0			
25–34	9	0	27	0	17	0	9	9	18	18	0	18			
35–44	43	42	51	20	19	56	46	36	36	27	71	53	3.0	13.4	
45–54	509	240	338	259	321	81	181	222	130	137	143	138	-10.7 **	31.9	
55–59	889	1,169	1,021	889	655	569	447	690	554	542	503	378	-8.2 **	-11.5	
60–64	1,893	1,916	1,829	1,636	1,902	1,517	1,564	1,456	1,434	979	734	904	-6.8 **	-9.7	
65–69	3,361	4,223	4,477	3,140	3,920	3,740	3,052	2,330	2,977	2,211	1,903	1,770	-6.8 **	-17.1	
70–74	8,490	7,686	7,998	7,448	6,890	6,671	5,844	5,224	5,658	4,287	4,831	4,544	-6.0 **	5.0	
75–84	17,884	16,818	16,379	15,739	16,426	14,780	15,414	14,189	13,873	14,153	12,289	11,478	-3.3 **	-9.5	
85+	43,664	40,832	41,515	43,902	41,430	44,369	43,622	44,518	40,887	44,333	38,006	37,260	-0.8	-10.3	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,942	1,901	1,960	1,882	1,940	1,870	1,871	1,821	1,831	1,833	1,681	1,660			
Age std	1,585	1,515	1,532	1,427	1,455	1,366	1,336	1,261	1,237	1,183	1,055	1,009	-3.7 **	-7.5 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,131	1,119	1,162	965	1,001	895	811	735	792	612	614	583			
Age std	976	960	1,005	831	875	777	702	637	677	519	513	491	-6.6 **	-2.4	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

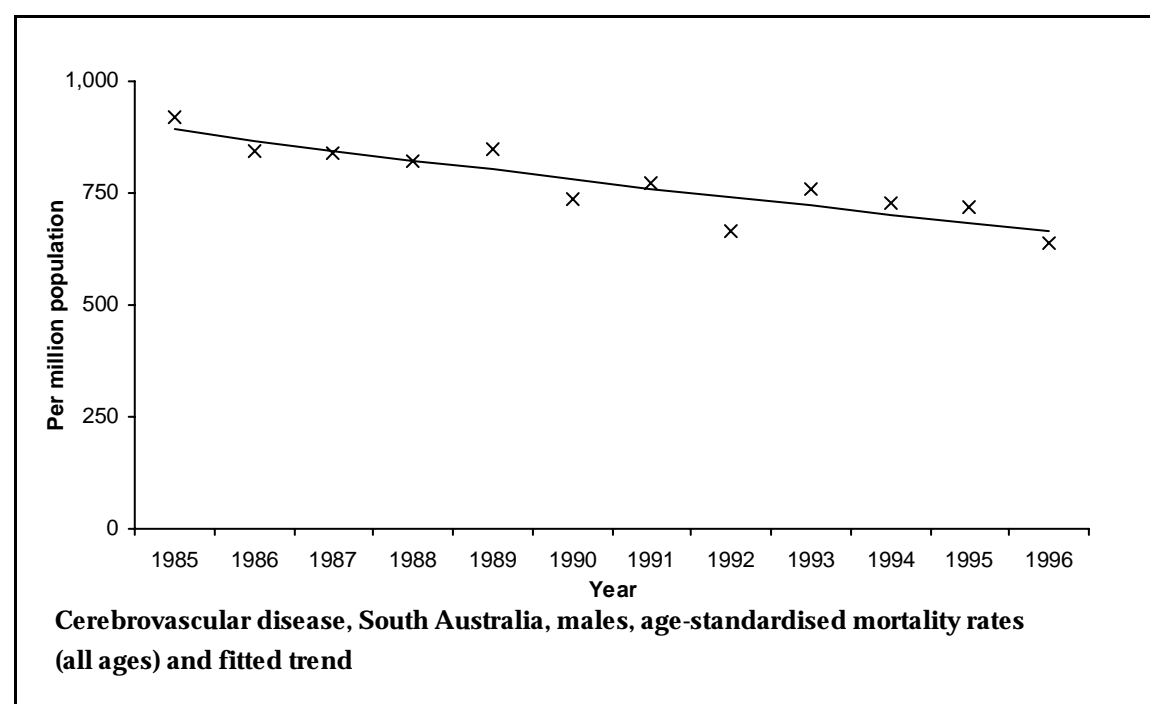


**ICD-9: 430–438  
Cerebrovascular disease**

**South Australia  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Deaths (number)</b>														
<25	2	2	0	1	1	3	1	0	0	1	1	1		
25–34	0	2	2	4	3	2	1	0	1	5	2	2		
35–44	6	3	8	4	3	3	2	3	4	1	7	5		
45–54	15	10	12	12	13	8	19	8	15	6	16	12		
55–59	24	13	20	11	13	7	15	8	10	9	17	7		
60–64	28	28	25	33	21	27	20	20	17	22	27	16		
65–69	50	45	35	54	45	51	35	41	40	41	40	42		
70–74	91	72	85	78	94	65	69	53	78	77	77	66		
75–84	180	164	184	198	188	193	221	190	226	202	195	194		
85+	88	105	93	79	114	88	101	103	116	134	130	125		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	214	173	187	196	192	163	161	133	165	161	186	150		
<b>All ages</b>	<b>484</b>	<b>444</b>	<b>464</b>	<b>474</b>	<b>495</b>	<b>447</b>	<b>484</b>	<b>426</b>	<b>507</b>	<b>498</b>	<b>512</b>	<b>470</b>		
<b>Age-specific rates (per million population)</b>														
<25	7	7	0	4	4	11	4	0	0	4	4	4		
25–34	0	18	17	35	26	17	9	0	9	44	18	18	3.3	-18.1
35–44	64	31	80	39	28	28	18	27	36	9	63	45	-3.6	67.3
45–54	221	146	172	169	178	106	242	97	175	68	175	127	-3.5	-0.9
55–59	666	368	584	330	398	220	474	250	310	275	510	206	-5.7 *	-30.8
60–64	853	844	746	973	620	796	598	614	536	705	886	530	-2.8	-17.9
65–69	2,050	1,768	1,311	1,939	1,540	1,715	1,159	1,341	1,299	1,331	1,296	1,377	-3.6 *	17.7
70–74	4,561	3,534	4,128	3,795	4,622	3,116	3,147	2,315	3,271	3,087	3,024	2,556	-4.3 **	-5.4
75–84	10,032	8,744	9,332	9,586	8,628	8,502	9,395	7,892	9,162	8,056	7,484	7,120	-2.3 **	-8.9
85+	27,194	30,303	26,301	21,890	30,271	22,605	24,402	23,141	24,770	26,929	25,024	22,179	-1.4	-8.4
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	710	646	670	679	703	629	674	590	700	686	704	645		
Age std	920	842	840	820	850	737	773	664	759	728	719	637	-2.6 **	-6.1 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	554	440	468	484	467	391	381	312	384	372	427	342		
Age std	541	430	456	473	463	382	371	298	363	348	399	319	-3.9 **	-1.2

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



**ICD-9: 430–438  
Cerebrovascular disease**
**South Australia  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	2	0	0	0	1	1	1	0	0			
25–34	5	1	2	2	2	0	1	0	0	1	2	1			
35–44	7	3	5	7	5	3	2	5	3	4	3	1			
45–54	12	10	11	5	6	8	11	12	7	6	10	7			
55–59	13	14	11	11	7	7	8	9	7	3	7	1			
60–64	24	17	18	21	16	11	13	14	13	11	7	15			
65–69	24	43	35	35	48	29	31	32	30	33	36	27			
70–74	78	79	56	49	58	72	51	52	66	43	65	56			
75–84	270	268	253	268	255	251	268	242	302	279	264	262			
85+	276	254	265	259	276	231	314	286	322	333	323	375			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	163	167	138	130	142	130	117	124	126	101	130	108			
<b>All ages</b>	<b>709</b>	<b>689</b>	<b>656</b>	<b>659</b>	<b>673</b>	<b>612</b>	<b>699</b>	<b>653</b>	<b>751</b>	<b>714</b>	<b>717</b>	<b>745</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	8	0	0	0	4	4	4	0	0			
25–34	45	9	18	18	17	0	9	0	0	9	18	9			
35–44	76	31	51	69	48	28	18	46	27	36	27	9	-9.8 *	-63.8	
45–54	180	150	162	72	84	108	142	148	83	68	110	74	-5.6	-13.4	
55–59	373	409	330	337	218	221	255	282	215	90	207	29	-10.6 **	-80.9	
60–64	688	486	514	603	461	321	384	425	405	347	224	484	-5.3 *	77.8	
65–69	858	1,476	1,152	1,110	1,470	875	928	956	902	1,000	1,105	838	-2.4	-11.9	
70–74	3,109	3,114	2,196	1,911	2,284	2,793	1,887	1,848	2,263	1,418	2,107	1,805	-4.5 **	7.6	
75–84	9,487	9,069	8,222	8,320	7,561	7,189	7,470	6,603	8,072	7,340	6,773	6,481	-2.8 **	-1.9	
85+	31,060	27,365	27,642	26,567	27,553	22,526	29,584	25,515	27,146	26,842	24,700	27,237	-0.8	8.3	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,028	992	937	932	942	848	959	889	1,019	965	966	1,000			
Age std	822	775	711	693	685	609	664	602	665	603	595	587	-2.7 **	4.0 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	416	420	342	317	341	308	273	287	289	230	294	242			
Age std	363	363	301	279	299	269	240	251	245	197	247	206	-4.9 **	1.4	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**South Australia**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	0	0	1	0	0	1	0	0	0	0	0	0	0		
25–34	3	1	2	2	3	3	2	0	3	2	4	1			
35–44	24	31	19	28	15	18	8	17	17	11	19	10			
45–54	95	76	73	83	57	58	50	55	41	57	52	51			
55–59	107	97	89	87	80	59	57	54	55	30	39	29			
60–64	150	171	146	165	140	123	99	104	85	77	74	49			
65–69	195	186	195	210	157	189	164	154	159	145	94	116			
70–74	204	240	251	257	224	185	211	199	197	179	168	162			
75–84	360	414	377	373	471	381	430	389	359	388	361	338			
85+	120	103	131	114	137	133	148	129	134	157	153	132			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	778	802	775	832	676	635	591	583	557	501	450	418			
<b>All ages</b>	<b>1,258</b>	<b>1,319</b>	<b>1,284</b>	<b>1,319</b>	<b>1,284</b>	<b>1,150</b>	<b>1,169</b>	<b>1,101</b>	<b>1,050</b>	<b>1,046</b>	<b>964</b>	<b>888</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	4	0	0	4	0	0	0	0	0	0			
25–34	27	9	17	17	26	26	17	0	26	17	35	9	0.0	–61.2	
35–44	255	318	190	272	142	167	73	155	155	100	171	89	–8.6 **	–14.8	
45–54	1,400	1,110	1,047	1,167	780	767	638	668	479	643	567	540	–8.6 **	19.5	
55–59	2,968	2,743	2,599	2,610	2,448	1,854	1,803	1,687	1,703	916	1,171	852	–9.8 **	–21.9	
60–64	4,569	5,153	4,357	4,865	4,132	3,626	2,961	3,194	2,678	2,468	2,428	1,624	–8.2 **	–27.5	
65–69	7,996	7,307	7,303	7,542	5,375	6,356	5,432	5,036	5,164	4,708	3,046	3,804	–7.0 **	1.7	
70–74	10,226	11,779	12,189	12,503	11,013	8,868	9,625	8,692	8,262	7,177	6,597	6,273	–5.7 **	–8.6	
75–84	20,065	22,073	19,120	18,058	21,616	16,784	18,279	16,158	14,554	15,474	13,856	12,405	–4.4 **	–10.3	
85+	37,083	29,726	37,048	31,588	36,378	34,164	35,757	28,982	28,614	31,551	29,451	23,421	–2.6 **	–20.2	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,847	1,918	1,854	1,891	1,823	1,618	1,629	1,524	1,451	1,441	1,326	1,218			
Age std	2,177	2,203	2,103	2,079	2,026	1,764	1,759	1,594	1,487	1,458	1,314	1,163	–5.4 **	–11.1 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,014	2,039	1,941	2,053	1,643	1,523	1,400	1,366	1,296	1,156	1,033	953			
Age std	1,950	1,974	1,879	1,994	1,600	1,480	1,353	1,311	1,233	1,087	971	889	–7.2 **	–8.2 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	2	0	0	0	0	0	0	0	0	0			
25–34	1	0	2	0	2	0	1	0	1	1	0	1			
35–44	4	2	4	2	2	6	5	3	2	1	5	6			
45–54	26	11	17	13	18	5	11	12	6	5	10	9			
55–59	24	33	28	21	18	11	10	17	12	12	11	8			
60–64	50	50	52	45	49	36	41	37	34	23	17	14			
65–69	83	96	102	77	103	103	73	56	74	53	44	31			
70–74	167	158	163	144	139	126	112	104	117	92	110	98			
75–84	372	364	380	390	393	376	404	355	348	370	320	301			
85+	247	247	261	261	263	293	293	321	294	332	287	280			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	355	350	368	302	331	287	253	229	246	187	197	167			
<b>All ages</b>	<b>974</b>	<b>961</b>	<b>1,011</b>	<b>953</b>	<b>987</b>	<b>956</b>	<b>950</b>	<b>905</b>	<b>888</b>	<b>889</b>	<b>804</b>	<b>748</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	8	0	0	0	0	0	0	0	0	0			
25–34	9	0	18	0	17	0	9	0	9	9	0	9			
35–44	43	21	41	20	19	56	46	27	18	9	45	53	1.3	90.3	
45–54	389	165	250	187	251	67	142	148	71	57	110	95	–12.3 **	48.9	
55–59	688	964	841	644	562	348	319	533	369	361	325	233	–10.3 **	–15.4	
60–64	1,434	1,430	1,486	1,292	1,412	1,050	1,210	1,123	1,060	726	543	452	–7.9 **	–39.0	
65–69	2,968	3,296	3,358	2,442	3,155	3,106	2,184	1,672	2,225	1,605	1,350	962	–8.5 **	–36.5 *	
70–74	6,657	6,228	6,391	5,615	5,473	4,887	4,143	3,696	4,012	3,034	3,566	3,158	–7.2 **	5.4	
75–84	13,071	12,317	12,349	12,107	11,653	10,770	11,261	9,687	9,302	9,734	8,210	7,446	–4.5 **	–12.1	
85+	27,797	26,611	27,224	26,772	26,255	28,571	27,605	28,638	24,785	26,761	21,947	20,337	–1.9 **	–17.9 *	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,412	1,383	1,444	1,347	1,381	1,325	1,304	1,233	1,205	1,201	1,083	1,004			
Age std	1,163	1,109	1,137	1,032	1,047	975	939	860	823	781	691	617	–5.1 **	–13.2 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	906	881	912	736	795	680	591	529	565	425	445	375			
Age std	785	752	787	634	694	590	513	459	482	359	370	312	–8.0 **	–10.8 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**South Australia**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	9	10	5	7	5	9	6	3	1	1	5	3		
25–34	6	7	7	11	15	11	6	3	9	9	10	8		
35–44	46	49	32	45	38	30	31	37	35	19	42	39		
45–54	149	116	128	136	107	106	115	102	85	106	98	110		
55–59	180	161	159	129	138	118	112	112	101	76	89	93		
60–64	242	277	239	273	244	231	198	196	168	161	156	138		
65–69	352	326	369	374	347	365	308	321	328	322	250	305		
70–74	440	446	496	470	472	396	435	399	449	439	388	394		
75–84	833	892	855	881	1,008	910	1,016	944	951	972	889	895		
85+	376	368	395	361	416	381	416	379	454	518	493	481		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	1,415	1,382	1,430	1,438	1,361	1,257	1,205	1,170	1,175	1,132	1,033	1,087		
All ages	2,633	2,652	2,685	2,687	2,790	2,557	2,643	2,496	2,581	2,623	2,420	2,466		
<b>Age-specific rates (per million population)</b>														
<25	33	37	19	26	19	34	22	11	4	4	19	12	-11.0 *	26.9
25–34	54	62	61	95	128	94	51	26	78	79	89	72	0.5	-7.9
35–44	490	503	320	437	361	279	283	337	318	172	378	347	-4.1 *	39.5
45–54	2,196	1,695	1,837	1,912	1,464	1,401	1,467	1,239	993	1,197	1,069	1,165	-6.1 **	21.6
55–59	4,994	4,552	4,643	3,871	4,223	3,708	3,543	3,498	3,127	2,320	2,671	2,732	-6.0 **	10.1
60–64	7,372	8,347	7,132	8,049	7,201	6,809	5,922	6,019	5,293	5,160	5,119	4,575	-4.9 **	-6.1
65–69	14,435	12,807	13,820	13,431	11,879	12,276	10,201	10,498	10,653	10,454	8,101	10,001	-4.0 **	13.8
70–74	22,055	21,890	24,086	22,865	23,207	18,982	19,842	17,428	18,831	17,601	15,237	15,258	-3.8 **	-4.7
75–84	46,427	47,558	43,361	42,651	46,262	40,088	43,190	39,211	38,555	38,765	34,121	32,846	-2.9 **	-7.4
85+	116,193	106,205	111,708	100,028	110,462	97,868	100,507	85,149	96,946	104,100	94,899	85,344	-2.0 **	-7.5
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,865	3,856	3,878	3,851	3,961	3,598	3,683	3,455	3,566	3,613	3,328	3,382		
Age std	4,784	4,659	4,577	4,433	4,527	4,031	4,064	3,695	3,745	3,720	3,346	3,276	-3.4 **	-2.6 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	3,662	3,513	3,581	3,548	3,307	3,016	2,854	2,742	2,735	2,613	2,371	2,479		
Age std	3,563	3,405	3,476	3,453	3,233	2,935	2,764	2,631	2,597	2,451	2,228	2,326	-4.4 **	4.6 **
<b>Females</b>														
<b>Deaths (number)</b>														
<25	5	3	7	4	5	0	1	7	7	2	4	1		
25–34	9	4	8	3	10	4	3	5	5	4	6	3		
35–44	14	11	13	12	11	12	12	14	13	11	19	13		
45–54	54	36	41	30	37	25	32	37	20	36	31	27		
55–59	55	62	52	54	37	32	31	49	33	34	30	18		
60–64	108	101	100	101	106	90	83	79	68	57	41	55		
65–69	140	190	185	169	206	183	167	142	156	138	122	110		
70–74	345	321	304	279	286	291	260	239	276	218	251	235		
75–84	963	941	943	952	997	955	1,003	972	1,041	997	931	898		
85+	930	880	904	940	964	928	1,016	1,032	1,083	1,150	1,121	1,174		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	725	725	703	648	693	637	588	565	571	498	500	461		
All ages	2,623	2,549	2,557	2,544	2,659	2,520	2,608	2,576	2,702	2,647	2,556	2,534		
<b>Age-specific rates (per million population)</b>														
<25	19	12	27	16	20	0	4	28	28	8	16	4	-3.9	-72.8
25–34	82	36	71	26	87	34	26	43	44	35	54	27	-5.3	-25.3
35–44	152	115	132	118	105	112	110	128	118	99	169	115	-0.1	-7.9
45–54	809	539	602	431	516	336	414	456	237	411	341	286	-7.4 **	1.1
55–59	1,577	1,811	1,562	1,655	1,155	1,012	989	1,536	1,015	1,024	887	523	-7.2 **	-40.5
60–64	3,097	2,888	2,857	2,900	3,055	2,626	2,449	2,397	2,119	1,800	1,309	1,776	-5.9 **	4.7
65–69	5,006	6,523	6,090	5,360	6,309	5,519	4,997	4,241	4,691	4,180	3,744	3,415	-4.6 **	-13.8
70–74	13,752	12,652	11,919	10,879	11,260	11,287	9,618	8,494	9,464	7,188	8,137	7,573	-5.3 **	3.4
75–84	33,836	31,842	30,646	29,553	29,562	27,354	27,957	26,523	27,825	26,228	23,886	22,213	-3.1 **	-8.0
85+	104,659	94,807	94,294	96,420	96,236	90,492	95,723	92,069	91,300	92,697	85,723	85,270	-1.3 **	-2.7
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	3,802	3,669	3,651	3,597	3,721	3,493	3,579	3,509	3,667	3,576	3,443	3,401		
Age std	3,062	2,886	2,809	2,699	2,753	2,534	2,528	2,415	2,437	2,288	2,138	2,036	-3.2 **	-4.9 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,850	1,824	1,742	1,580	1,664	1,509	1,374	1,306	1,310	1,132	1,129	1,034		
Age std	1,603	1,574	1,514	1,371	1,460	1,320	1,196	1,142	1,120	973	955	879	-5.3 **	-5.0 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**Tasmania**

**Profiles with graph**

Ischaemic heart disease ..... 88  
Cerebrovascular disease ..... 90

**Profiles without graph**

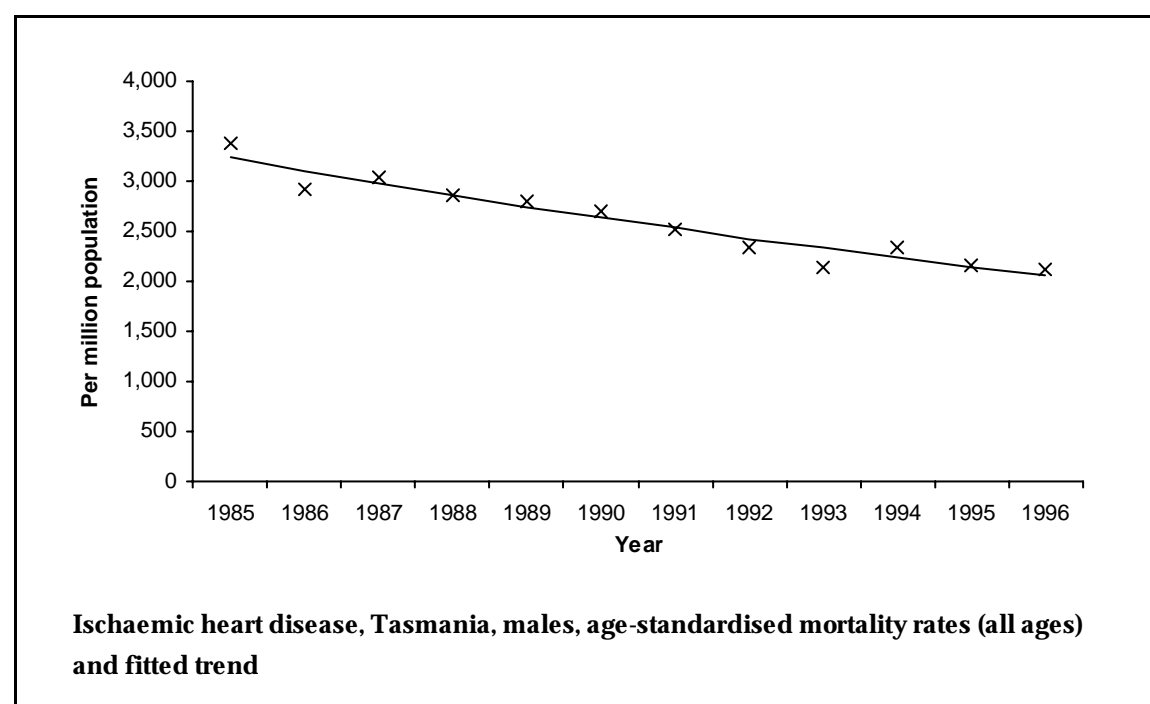
Acute myocardial infarction..... 92  
Diseases of the circulatory system..... 93

**ICD-9: 410–414  
Ischaemic heart disease**

**Tasmania  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	1	0	0	0	1	0			
25–34	2	1	1	0	0	2	0	3	3	1	3	1			
35–44	14	10	14	11	16	7	11	8	7	9	4	7			
45–54	47	43	35	28	26	30	23	32	20	29	23	28			
55–59	47	33	45	34	45	28	25	21	31	22	21	21			
60–64	65	58	66	50	58	51	52	43	34	42	35	23			
65–69	86	68	78	70	80	88	78	58	61	61	58	58			
70–74	110	101	103	111	95	104	90	70	79	77	74	95			
75–84	168	157	162	162	168	176	173	184	161	184	168	172			
85+	56	52	60	65	58	54	61	63	59	80	85	77			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	371	314	342	304	320	310	279	235	235	241	218	233			
<b>All ages</b>	<b>595</b>	<b>523</b>	<b>564</b>	<b>531</b>	<b>546</b>	<b>540</b>	<b>514</b>	<b>482</b>	<b>455</b>	<b>505</b>	<b>472</b>	<b>482</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	11	0	0	0	11	0			
25–34	56	28	28	0	0	55	0	84	86	29	88	30			
35–44	473	327	443	339	483	205	315	229	199	253	112	194	-8.9 **	19.4	
45–54	2,200	1,985	1,583	1,237	1,112	1,235	914	1,208	724	1,021	786	933	-8.3 **	38.2	
55–59	4,441	3,133	4,352	3,342	4,479	2,831	2,543	2,104	3,045	2,106	1,953	1,878	-7.2 **	-4.1	
60–64	6,755	5,898	6,615	5,033	5,813	5,043	5,187	4,351	3,481	4,323	3,648	2,436	-6.7 **	-30.6	
65–69	11,531	8,943	10,044	8,575	9,392	10,103	8,732	6,410	6,694	6,700	6,360	6,359	-5.1 **	5.0	
70–74	18,137	16,280	16,164	17,588	15,342	16,550	13,840	10,534	11,352	10,575	10,033	12,667	-4.9 **	30.8	
75–84	30,097	26,879	26,684	25,432	24,963	25,302	24,233	25,003	21,550	24,423	21,790	21,535	-2.4 **	-0.5	
85+	56,566	52,209	56,180	60,691	51,647	44,010	47,768	47,583	41,520	53,369	54,140	46,923	-1.3	-1.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	2,707	2,359	2,531	2,373	2,419	2,355	2,221	2,072	1,950	2,159	2,017	2,057			
Age std	3,371	2,919	3,033	2,860	2,806	2,691	2,528	2,336	2,138	2,344	2,159	2,124	-4.0 **	4.3 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	3,086	2,564	2,751	2,417	2,509	2,384	2,119	1,770	1,755	1,785	1,604	1,703			
Age std	3,079	2,566	2,732	2,414	2,510	2,408	2,120	1,757	1,724	1,735	1,558	1,630	-5.9 **	9.3 **	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



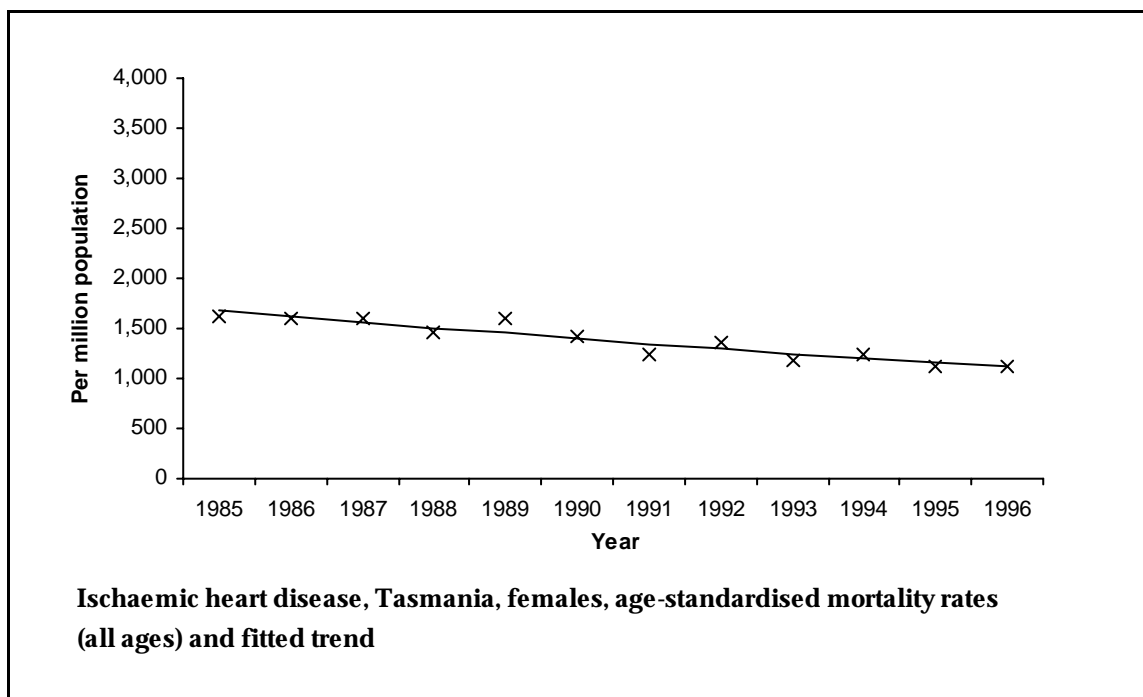
**ICD-9: 410–414  
Ischaemic heart disease**
**Tasmania  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	1	1	0	1	0	1	1	0	0	0	1		
35–44	1	2	1	3	5	3	2	1	4	1	5	1	1		
45–54	11	6	10	13	8	8	1	8	3	6	5	9	9		
55–59	10	12	8	12	8	7	7	6	11	9	5	6	6		
60–64	13	18	23	20	21	16	16	18	18	12	16	12	12		
65–69	33	43	31	36	42	32	26	29	20	21	18	29	29		
70–74	60	70	64	50	69	47	55	39	53	53	43	40	40		
75–84	182	149	171	139	156	161	144	184	147	174	158	142	142		
85+	92	111	112	116	129	127	116	130	109	127	125	140	140		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	128	151	138	135	153	114	107	102	110	102	92	98	98		
<b>All ages</b>	<b>402</b>	<b>411</b>	<b>421</b>	<b>390</b>	<b>438</b>	<b>402</b>	<b>367</b>	<b>416</b>	<b>366</b>	<b>403</b>	<b>375</b>	<b>380</b>	<b>380</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	28	27	0	27	0	27	27	0	0	29	29		
35–44	35	67	33	95	153	89	58	29	114	28	138	27	27	0.6	-72.1
45–54	531	285	465	591	354	339	41	312	113	217	176	306	306	-8.5 *	117.5
55–59	981	1,184	793	1,209	805	711	711	599	1,075	864	465	543	543	-5.0	-15.1
60–64	1,269	1,740	2,251	1,971	2,092	1,583	1,596	1,810	1,828	1,221	1,635	1,234	1,234	-2.0	-23.2
65–69	3,848	4,897	3,418	3,831	4,302	3,252	2,635	2,963	2,059	2,187	1,888	3,058	3,058	-6.2 **	60.4
70–74	7,939	9,131	8,226	6,405	8,893	5,995	6,775	4,671	6,164	5,928	4,800	4,462	4,462	-5.5 **	-8.0
75–84	21,319	16,851	18,644	14,576	15,781	15,580	13,548	16,824	13,120	15,347	13,621	11,872	11,872	-3.5 **	-8.9
85+	36,278	42,709	41,963	43,560	47,637	46,452	40,014	42,290	34,073	37,596	34,445	37,165	37,165	-1.6	1.2
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,802	1,828	1,860	1,715	1,908	1,726	1,559	1,754	1,536	1,686	1,565	1,582	1,582		
Age std	1,621	1,606	1,602	1,463	1,600	1,421	1,249	1,364	1,181	1,249	1,123	1,112	1,112	-3.7 **	-0.6
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,055	1,222	1,097	1,059	1,181	863	799	754	805	740	663	701	701		
Age std	940	1,085	978	962	1,066	790	717	690	727	652	598	639	639	-5.2 **	8.2 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

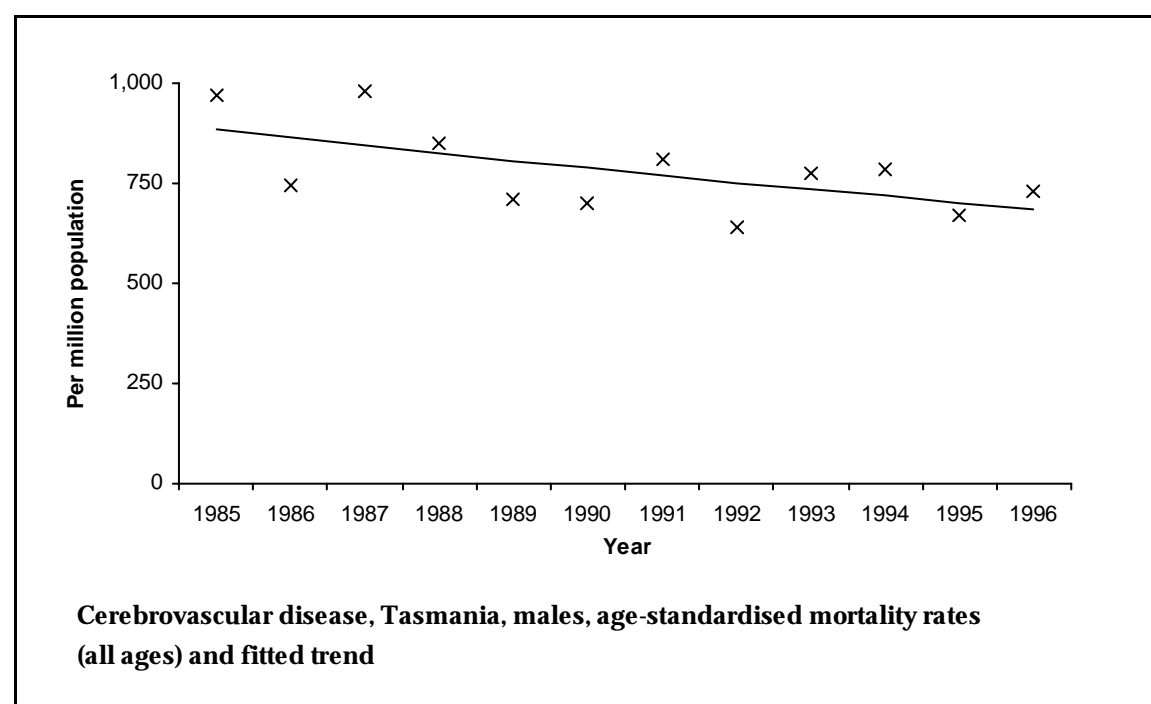


**ICD-9: 430–438  
Cerebrovascular disease**

**Tasmania  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	2	0	0	0	0	1	0	2	0	0	0		
25–34	0	1	0	1	1	2	4	2	2	1	1	0	0		
35–44	5	2	3	3	0	4	2	1	2	4	1	0	0		
45–54	5	4	3	1	2	3	3	2	5	5	5	4	4		
55–59	8	6	7	10	5	5	8	2	4	2	5	5	5		
60–64	11	7	13	4	12	6	9	5	8	12	5	8	8		
65–69	23	16	12	12	12	12	15	14	16	10	15	15	15		
70–74	25	20	34	18	28	15	27	14	23	21	22	26	26		
75–84	58	52	63	65	49	65	52	64	62	66	56	56	56		
85+	24	17	31	31	22	21	35	22	35	40	34	45	45		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	77	56	72	49	60	47	68	40	60	55	54	58	58		
<b>All ages</b>	<b>159</b>	<b>125</b>	<b>168</b>	<b>145</b>	<b>131</b>	<b>133</b>	<b>155</b>	<b>127</b>	<b>157</b>	<b>163</b>	<b>144</b>	<b>159</b>	<b>159</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	22	0	0	0	0	11	0	22	0	0	0		
25–34	0	28	0	28	28	55	110	56	57	29	29	0	0		
35–44	169	65	95	92	0	117	57	29	57	113	28	0	0	-10.9	-100.0
45–54	234	185	136	44	86	124	119	75	181	176	171	133	133	-0.2	-4.6
55–59	756	570	677	983	498	505	814	200	393	191	465	447	447	-7.0	39.9
60–64	1,143	712	1,303	403	1,203	593	898	506	819	1,235	521	847	847	-2.1	18.2
65–69	3,084	2,104	1,545	1,470	1,409	1,378	1,679	1,547	1,756	1,098	1,645	1,645	1,645	-4.0	33.8
70–74	4,122	3,224	5,336	2,852	4,522	2,387	4,152	2,107	3,305	2,884	2,983	3,467	3,467	-2.9	28.6
75–84	10,391	8,903	10,377	10,204	7,281	9,344	7,284	8,697	8,299	8,760	7,263	7,011	7,011	-2.8 *	-6.6
85+	24,242	17,068	29,026	28,945	19,590	17,115	27,408	16,616	24,631	26,684	21,656	27,422	27,422	0.8	20.0
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	723	564	754	648	580	580	670	546	673	697	615	679	679		
Age std	972	746	980	851	711	702	812	640	773	787	672	730	730	-2.3 **	9.1 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	641	457	579	390	470	362	516	301	448	407	397	424	424		
Age std	651	463	574	386	475	365	520	301	441	397	384	409	409	-3.6 **	18.5 **

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



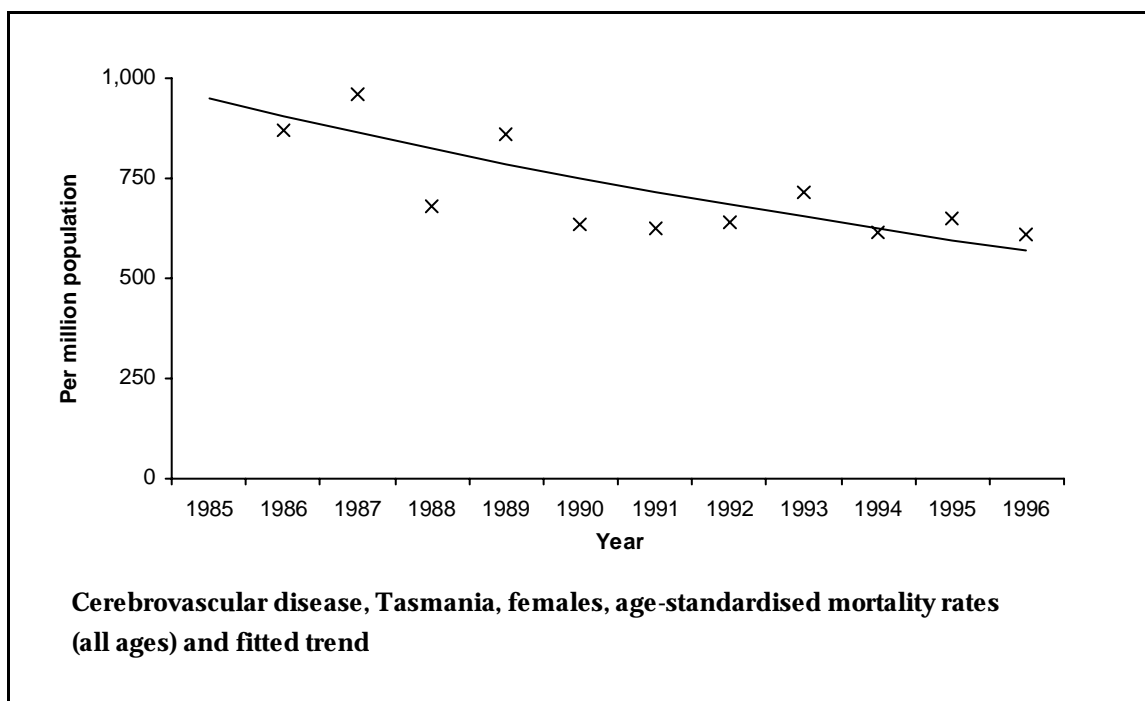
**ICD-9: 430–438  
Cerebrovascular disease**
**Tasmania  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	1	1	0	0	0	0	0		
25–34	0	0	0	3	0	0	1	0	0	1	1	1	0		
35–44	6	3	2	0	3	1	0	2	2	2	1	1	1		
45–54	5	4	4	2	4	2	1	4	3	4	4	4	3		
55–59	7	4	1	2	5	3	3	3	4	1	2	1	1		
60–64	6	12	11	5	6	3	3	5	3	2	5	2	2		
65–69	16	14	13	14	16	8	7	14	13	10	10	9	9		
70–74	33	29	33	18	21	28	17	10	20	15	19	20	20		
75–84	91	84	98	63	95	71	80	93	86	81	75	85	85		
85+	105	75	95	80	90	66	75	64	99	89	109	99	99		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	73	66	64	44	55	45	32	38	45	35	42	36	36		
<b>All ages</b>	<b>269</b>	<b>225</b>	<b>257</b>	<b>187</b>	<b>240</b>	<b>182</b>	<b>188</b>	<b>196</b>	<b>230</b>	<b>205</b>	<b>226</b>	<b>220</b>	<b>220</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	11	11	0	0	0	0	0		
25–34	0	0	0	82	0	0	27	0	0	28	29	0	0		
35–44	208	100	65	0	92	30	0	57	57	56	28	27	27		
45–54	241	190	186	91	177	85	41	156	113	145	140	102	102	-5.1	-0.5
55–59	687	395	99	202	503	305	305	299	391	96	186	90	90	-9.5	-50.9
60–64	586	1,160	1,077	493	598	297	299	503	305	204	511	206	206	-11.4 *	-19.5
65–69	1,866	1,595	1,433	1,490	1,639	813	710	1,430	1,338	1,042	1,049	949	949	-5.1	1.1
70–74	4,366	3,783	4,242	2,306	2,707	3,571	2,094	1,198	2,326	1,678	2,121	2,231	2,231	-7.7 **	48.0
75–84	10,659	9,500	10,685	6,607	9,611	6,871	7,527	8,503	7,676	7,144	6,466	7,106	7,106	-3.6 **	10.4
85+	41,404	28,857	35,594	30,041	33,235	24,140	25,871	20,820	30,947	26,347	30,036	26,281	26,281	-2.7 *	5.9
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,206	1,001	1,135	822	1,046	781	799	826	965	857	943	916	916		
Age std	1,058	872	960	682	861	634	625	638	716	615	651	609	609	-4.5 **	9.9 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	601	534	509	345	424	341	239	281	329	254	303	257	257		
Age std	542	480	453	309	387	306	215	262	296	229	273	227	227	-7.7 **	13.6 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**Tasmania**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	1	0	0	0	1	0			
25–34	1	1	1	0	0	2	0	3	2	1	3	1			
35–44	11	7	10	10	14	6	10	5	3	5	2	6			
45–54	35	27	30	22	22	22	19	24	14	17	13	22			
55–59	31	20	33	26	38	17	18	17	24	19	15	16			
60–64	46	39	50	37	45	27	38	32	22	25	20	13			
65–69	57	50	61	52	53	58	54	43	43	39	34	38			
70–74	73	72	72	79	73	60	67	41	55	55	47	53			
75–84	113	97	108	107	112	111	124	126	96	108	98	99			
85+	31	33	35	43	38	29	33	40	30	49	37	37			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	254	216	257	226	245	192	206	165	163	161	134	149			
<b>All ages</b>	<b>398</b>	<b>346</b>	<b>400</b>	<b>376</b>	<b>395</b>	<b>332</b>	<b>364</b>	<b>331</b>	<b>289</b>	<b>318</b>	<b>270</b>	<b>285</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	11	0	0	0	11	0			
25–34	28	28	28	0	0	55	0	84	57	29	88	30			
35–44	371	229	317	308	422	176	286	143	85	141	56	166	-10.6 **	69.1	
45–54	1,638	1,246	1,357	972	941	906	755	906	506	598	444	733	-9.2 **	66.4	
55–59	2,929	1,899	3,192	2,555	3,782	1,719	1,831	1,703	2,357	1,819	1,395	1,431	-5.8 **	-10.8	
60–64	4,780	3,966	5,012	3,724	4,510	2,670	3,790	3,238	2,252	2,573	2,085	1,377	-8.3 **	-36.3	
65–69	7,643	6,575	7,855	6,370	6,222	6,659	6,045	4,752	4,719	4,283	3,728	4,166	-6.1 **	6.9	
70–74	12,036	11,605	11,299	12,518	11,789	9,548	10,303	6,170	7,903	7,554	6,372	7,067	-6.0 **	10.0	
75–84	20,244	16,607	17,789	16,797	16,642	15,957	17,369	17,122	12,850	14,335	12,711	12,395	-3.6 **	-5.7	
85+	31,313	33,133	32,772	40,149	33,838	23,635	25,842	30,211	21,112	32,688	23,567	22,547	-3.4 *	-8.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,811	1,561	1,795	1,680	1,750	1,448	1,573	1,423	1,238	1,360	1,154	1,216			
Age std	2,226	1,919	2,115	2,006	2,005	1,644	1,763	1,592	1,337	1,468	1,218	1,241	-5.2 **	-1.1	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	2,113	1,764	2,067	1,797	1,921	1,477	1,565	1,243	1,217	1,192	986	1,089			
Age std	2,109	1,772	2,056	1,794	1,920	1,491	1,565	1,231	1,196	1,157	957	1,039	-6.8 **	4.7 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	1	1	0	1	0	1	1	0	0	1			
35–44	1	2	1	2	5	2	2	1	4	1	4	0			
45–54	6	4	6	10	5	7	1	7	3	5	3	6			
55–59	5	10	8	10	6	7	2	5	9	7	4	6			
60–64	9	13	16	15	15	10	14	15	12	10	11	9			
65–69	25	29	22	30	32	24	19	17	14	16	10	19			
70–74	43	42	50	34	51	34	42	27	35	31	26	22			
75–84	126	97	104	100	104	107	96	127	92	116	101	85			
85+	53	60	51	62	73	64	68	65	62	62	59	67			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	89	100	104	102	114	85	80	73	78	70	58	63			
<b>All ages</b>	<b>268</b>	<b>257</b>	<b>259</b>	<b>264</b>	<b>291</b>	<b>256</b>	<b>244</b>	<b>265</b>	<b>232</b>	<b>248</b>	<b>218</b>	<b>215</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	28	27	0	27	0	27	27	0	0	29			
35–44	35	67	33	63	153	59	58	29	114	28	110	0	-1.3	-100.0	
45–54	290	190	279	455	221	297	41	273	113	181	105	204	-6.5	59.9	
55–59	491	987	793	1,008	603	711	203	499	879	672	372	543	-3.8	7.2	
60–64	878	1,257	1,566	1,478	1,494	989	1,397	1,509	1,219	1,018	1,124	926	-1.5	-24.5	
65–69	2,915	3,303	2,426	3,193	3,278	2,439	1,926	1,737	1,441	1,666	1,049	2,003	-7.5 **	58.8	
70–74	5,689	5,479	6,427	4,355	6,573	4,337	5,174	3,234	4,070	3,467	2,902	2,454	-6.9 **	-21.3	
75–84	14,759	10,970	11,339	10,487	10,521	10,354	9,032	11,612	8,211	10,231	8,707	7,106	-4.0 **	-16.5	
85+	20,899	23,086	19,108	23,282	26,957	23,409	23,456	21,145	19,381	18,354	16,258	17,786	-2.5 *	-3.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,202	1,143	1,144	1,161	1,268	1,099	1,037	1,117	974	1,037	910	895			
Age std	1,086	1,013	998	1,002	1,072	916	837	882	759	785	669	646	-4.4 **	-8.0 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	733	809	827	801	880	643	597	539	571	508	418	451			
Age std	653	723	735	730	794	590	536	497	519	456	379	416	-5.6 **	-0.3	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Tasmania**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	3	2	2	3	1	1	3	2	1	2	3	2		
25–34	3	3	4	5	2	4	6	6	6	5	5	1		
35–44	22	13	20	15	18	13	15	9	14	13	9	10		
45–54	64	54	44	37	37	40	36	36	31	43	35	38		
55–59	60	49	57	48	59	39	39	25	42	31	30	33		
60–64	90	78	84	64	82	68	72	59	55	68	49	38		
65–69	129	100	102	102	111	122	113	92	99	89	91	86		
70–74	159	149	164	147	148	150	157	104	121	122	125	143		
75–84	280	272	284	279	288	311	284	340	289	318	292	289		
85+	113	97	119	132	113	116	131	135	136	163	154	175		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	527	446	475	418	457	436	438	331	368	371	344	349		
<b>All ages</b>	<b>923</b>	<b>817</b>	<b>880</b>	<b>832</b>	<b>859</b>	<b>864</b>	<b>856</b>	<b>808</b>	<b>794</b>	<b>854</b>	<b>793</b>	<b>815</b>		
<b>Age-specific rates (per million population)</b>														
<25	32	22	22	33	11	11	33	22	11	22	34	23	–0.8	5.2
25–34	85	83	111	139	55	109	165	168	171	145	147	30	2.5	–83.7
35–44	743	425	633	462	543	381	429	257	398	366	251	277	–7.7 **	4.7
45–54	2,996	2,493	1,990	1,635	1,582	1,647	1,430	1,359	1,121	1,513	1,196	1,266	–7.3 **	25.9
55–59	5,669	4,652	5,513	4,717	5,872	3,943	3,967	2,505	4,125	2,968	2,790	2,951	–6.4 **	7.1
60–64	9,353	7,932	8,419	6,442	8,218	6,723	7,181	5,970	5,631	6,999	5,108	4,024	–5.2 **	–24.7
65–69	17,297	13,151	13,134	12,495	13,031	14,007	12,650	10,167	10,865	9,775	9,978	9,429	–4.4 **	0.8
70–74	26,216	24,017	25,738	23,293	23,902	23,870	24,143	15,651	17,388	16,756	16,947	19,067	–4.2 **	20.1
75–84	50,161	46,567	46,780	43,799	42,793	44,710	39,781	46,202	38,683	42,209	37,873	36,184	–2.3 **	–5.7
85+	114,141	97,390	111,423	123,249	100,623	94,540	102,584	101,964	95,707	108,739	98,089	106,642	–0.7	8.7
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	4,199	3,686	3,948	3,718	3,806	3,769	3,698	3,473	3,402	3,652	3,388	3,478		
Age std	5,389	4,677	4,886	4,622	4,517	4,415	4,298	4,011	3,807	4,020	3,648	3,656	–3.2 **	2.2 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	4,384	3,642	3,821	3,324	3,583	3,354	3,327	2,493	2,748	2,748	2,531	2,551		
Age std	4,395	3,646	3,800	3,321	3,592	3,390	3,336	2,481	2,702	2,675	2,456	2,445	–5.0 **	4.6 **
<b>Females</b>														
<b>Deaths (number)</b>														
<25	2	2	1	2	0	1	2	2	0	2	0	1		
25–34	1	0	1	4	0	1	2	1	2	1	1	2		
35–44	11	6	6	5	8	5	2	6	7	5	10	5		
45–54	18	14	17	19	18	11	7	16	15	11	11	13		
55–59	23	21	11	14	15	11	12	10	18	14	10	12		
60–64	26	38	38	31	32	27	25	28	29	20	25	21		
65–69	57	67	53	66	72	46	49	54	48	37	39	54		
70–74	107	118	123	84	110	86	92	66	90	86	78	83		
75–84	353	306	339	274	321	319	291	359	315	325	306	289		
85+	310	288	303	306	315	292	272	285	303	300	344	329		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	243	264	249	223	255	187	189	181	209	174	174	190		
<b>All ages</b>	<b>908</b>	<b>860</b>	<b>892</b>	<b>805</b>	<b>891</b>	<b>799</b>	<b>754</b>	<b>827</b>	<b>827</b>	<b>801</b>	<b>824</b>	<b>809</b>		
<b>Age-specific rates (per million population)</b>														
<25	22	22	11	23	0	11	23	23	0	23	0	12		
25–34	28	0	28	110	0	27	54	27	55	28	29	58		
35–44	381	201	195	158	245	149	58	172	199	140	276	136	–4.1	–12.9
45–54	869	665	790	864	796	466	286	625	563	398	386	442	–6.9 *	19.4
55–59	2,257	2,073	1,091	1,411	1,508	1,117	1,219	998	1,759	1,344	931	1,086	–5.2 *	7.6
60–64	2,537	3,673	3,720	3,055	3,188	2,671	2,494	2,816	2,945	2,036	2,555	2,160	–3.4	–9.0
65–69	6,647	7,631	5,843	7,024	7,376	4,675	4,967	5,518	4,941	3,854	4,090	5,694	–4.4 **	44.5
70–74	14,157	15,393	15,810	10,760	14,177	10,969	11,333	7,905	10,466	9,619	8,707	9,258	–5.2 **	13.6
75–84	41,349	34,608	36,960	28,733	32,473	30,869	27,378	32,824	28,115	28,665	26,379	24,162	–3.6 **	–5.7
85+	122,240	110,812	113,526	114,908	116,322	106,803	93,825	92,713	94,717	88,810	94,792	87,337	–2.9 **	0.6
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	4,071	3,825	3,941	3,540	3,882	3,430	3,204	3,487	3,471	3,350	3,439	3,369		
Age std	3,598	3,328	3,351	2,973	3,219	2,791	2,544	2,694	2,627	2,444	2,413	2,329	–3.9 **	2.9 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	2,002	2,136	1,980	1,750	1,968	1,416	1,411	1,337	1,529	1,262	1,254	1,359		
Age std	1,796	1,907	1,764	1,586	1,783	1,290	1,272	1,228	1,390	1,121	1,134	1,234	–4.8 **	17.4 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

# **Australian Capital Territory**

## **Profiles with graph**

Ischaemic heart disease .....96  
Cerebrovascular disease .....98

## **Profiles without graph**

Acute myocardial infarction.....100  
Diseases of the circulatory system.....101

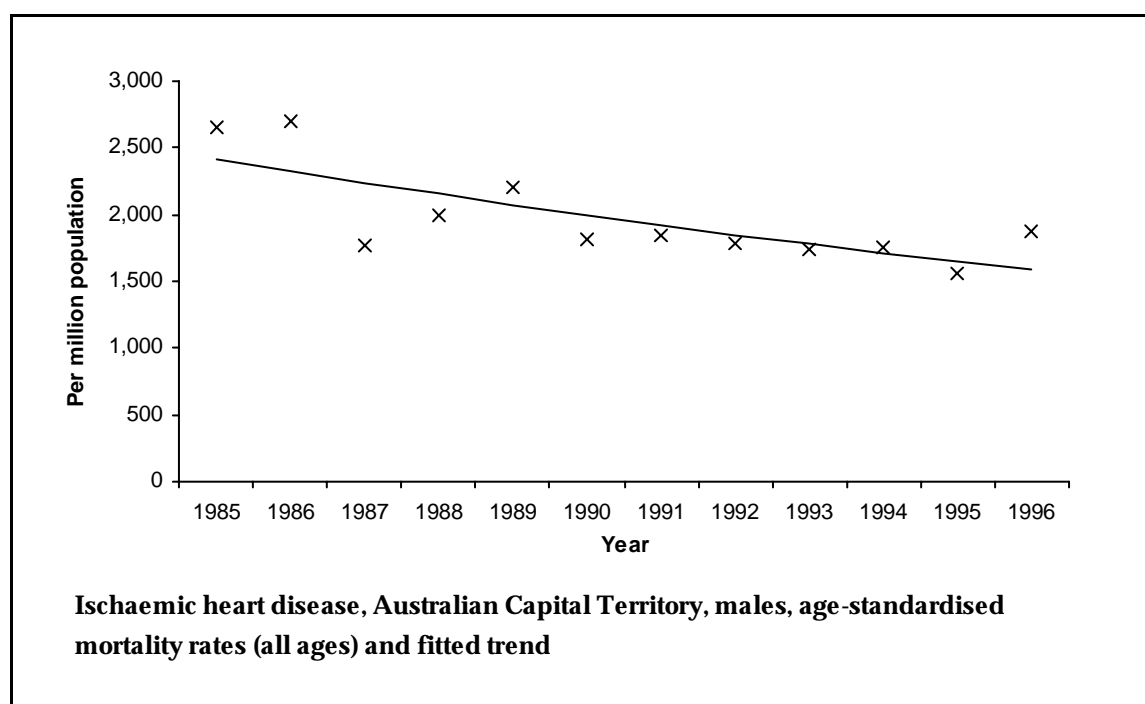


**ICD-9: 410–414  
Ischaemic heart disease**

**Australian Capital Territory  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	1	1	0	0	1	0	2	2	1	2			
35–44	4	7	3	5	2	8	1	3	1	3	5	4			
45–54	8	13	8	6	18	11	10	13	14	19	12	15			
55–59	15	12	8	10	20	10	9	8	9	8	8	9			
60–64	18	18	16	17	13	12	26	8	10	13	5	9			
65–69	18	31	22	24	29	20	18	21	23	23	20	24			
70–74	23	23	15	13	23	20	22	18	25	22	23	25			
75–84	33	30	22	31	32	27	40	44	40	42	33	49			
85+	10	11	6	10	8	12	6	11	10	12	20	23			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	86	104	73	76	105	81	87	71	84	90	74	88			
<b>All ages</b>	<b>130</b>	<b>145</b>	<b>101</b>	<b>117</b>	<b>145</b>	<b>120</b>	<b>133</b>	<b>126</b>	<b>134</b>	<b>144</b>	<b>127</b>	<b>160</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	42	41	0	0	40	0	79	80	40	78			
35–44	191	320	133	213	84	330	41	123	41	124	207	164	-5.0	53.8	
45–54	668	1,042	608	439	1,248	723	619	746	757	983	596	717	-0.5	-5.0	
55–59	3,243	2,588	1,681	2,068	4,155	2,035	1,813	1,564	1,673	1,412	1,363	1,470	-7.0 *	11.5	
60–64	4,756	4,732	4,152	4,232	3,200	2,939	6,258	1,901	2,369	3,079	1,124	1,988	-8.2 **	-2.7	
65–69	8,230	12,998	8,346	8,451	9,331	6,122	5,305	6,117	6,510	6,408	5,599	6,525	-5.3 *	29.7	
70–74	14,763	14,529	9,004	7,545	13,120	10,554	10,526	7,799	10,036	8,094	8,099	8,527	-4.4 *	12.2	
75–84	26,295	22,796	15,884	20,750	19,704	15,437	20,866	21,548	18,596	18,893	13,693	18,610	-2.4	15.6	
85+	57,143	53,659	27,907	40,486	29,630	42,254	20,134	31,792	25,707	28,708	44,053	48,626	-0.7	66.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,035	1,119	761	861	1,051	851	920	856	898	960	839	1,046			
Age std	2,649	2,697	1,774	2,002	2,212	1,808	1,846	1,778	1,742	1,753	1,556	1,878	-3.7 **	26.7 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,276	1,490	1,009	1,017	1,375	1,035	1,086	866	1,004	1,061	857	998			
Age std	2,079	2,449	1,617	1,574	2,104	1,545	1,630	1,239	1,426	1,421	1,161	1,335	-5.1 **	15.5 **	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



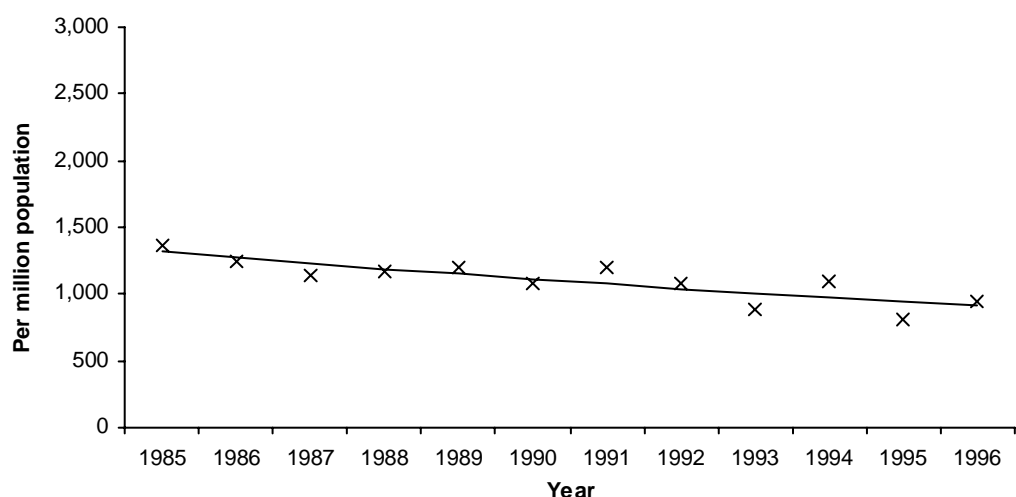
**ICD-9: 410–414**  
**Ischaemic heart disease**
**Australian Capital Territory**  
**Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	0	0	1	0	0			
35–44	0	0	0	0	1	1	0	1	0	1	2	1			
45–54	3	3	0	1	5	2	3	1	1	2	0	3			
55–59	3	4	2	3	1	4	4	5	4	1	0	3			
60–64	3	6	5	1	3	7	6	4	1	3	2	5			
65–69	8	9	8	13	5	7	9	11	4	7	2	10			
70–74	18	15	12	22	12	12	14	11	14	15	7	12			
75–84	36	25	31	31	46	38	40	37	46	46	37	44			
85+	19	25	23	18	22	21	32	33	20	43	42	35			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	35	37	27	40	27	33	36	33	24	30	13	34			
<b>All ages</b>	<b>90</b>	<b>87</b>	<b>81</b>	<b>89</b>	<b>95</b>	<b>92</b>	<b>108</b>	<b>103</b>	<b>90</b>	<b>119</b>	<b>92</b>	<b>113</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	39	0	0			
35–44	0	0	0	0	42	41	0	40	0	39	78	39			
45–54	270	257	0	77	365	138	195	60	56	107	0	144	-9.6	175.9	
55–59	678	933	463	689	226	891	856	1,022	776	186	0	504	-5.9	29.9	
60–64	751	1,512	1,244	247	738	1,722	1,474	968	242	714	464	1,129	-3.1	74.9	
65–69	3,109	3,266	2,680	3,976	1,425	1,911	2,369	2,865	1,026	1,794	513	2,563	-7.0 *	124.8	
70–74	8,588	6,983	5,415	9,628	5,102	4,910	5,189	3,804	4,466	4,447	1,999	3,368	-9.0 **	16.4	
75–84	17,408	11,601	13,276	12,470	17,300	13,376	13,128	11,416	13,494	12,910	9,814	10,859	-2.9	-3.2	
85+	31,250	41,806	36,800	26,906	31,073	27,963	41,290	39,146	21,231	43,129	39,363	30,541	0.3	-17.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	715	673	610	653	686	652	746	698	600	785	600	728			
Age std	1,363	1,252	1,139	1,173	1,193	1,076	1,202	1,075	886	1,099	805	947	-3.3 **	5.8 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	516	529	373	535	353	421	446	398	283	347	147	376			
Age std	805	809	584	845	511	608	635	555	382	457	192	502	-7.1 **	52.7 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



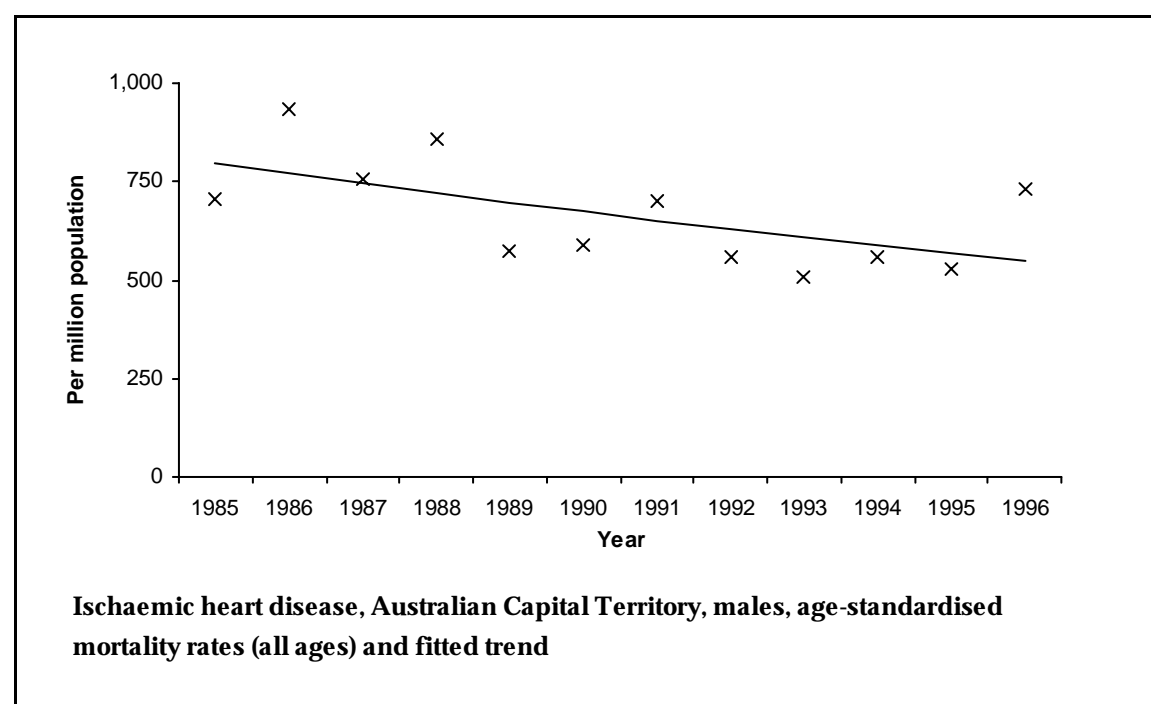
**Ischaemic heart disease, Australian Capital Territory, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 430–438  
Cerebrovascular disease**

**Australian Capital Territory  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	2	0	0	1	0	1	0	0	0	0	0	0	0		
25–34	1	0	1	0	0	0	1	0	0	2	0	0	0		
35–44	0	1	2	2	0	0	1	1	2	2	0	1	1		
45–54	1	0	0	2	2	3	1	1	0	1	0	2	2		
55–59	4	4	0	1	0	1	2	1	1	2	4	2	2		
60–64	3	3	3	2	3	2	2	2	7	1	2	2	2		
65–69	2	2	4	3	0	7	5	4	3	4	3	1	1		
70–74	6	5	5	7	5	4	4	3	2	5	3	9	9		
75–84	7	18	15	21	13	12	15	18	15	12	13	20	20		
85+	5	5	4	3	5	4	8	4	5	10	11	16	16		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	17	15	15	17	10	17	16	12	15	17	12	17	17		
<b>All ages</b>	<b>31</b>	<b>38</b>	<b>34</b>	<b>42</b>	<b>28</b>	<b>34</b>	<b>39</b>	<b>34</b>	<b>35</b>	<b>39</b>	<b>36</b>	<b>53</b>			
<b>Age-specific rates (per million population)</b>															
<25	35	0	0	17	0	16	0	0	0	0	0	0	0		
25–34	45	0	42	0	0	0	40	0	0	80	0	0	0		
35–44	0	46	88	85	0	0	41	41	82	83	0	41	41		
45–54	84	0	0	146	139	197	62	57	0	52	0	96	96		
55–59	865	863	0	207	0	203	403	195	186	353	681	327	327		
60–64	793	789	778	498	738	490	481	475	1,658	237	450	442	442	-3.1	-25.0
65–69	914	839	1,517	1,056	0	2,143	1,474	1,165	849	1,115	840	272	272	-3.5	-74.9
70–74	3,851	3,159	3,001	4,063	2,852	2,111	1,914	1,300	803	1,840	1,056	3,070	3,070	-7.3	210.7 *
75–84	5,578	13,678	10,830	14,056	8,005	6,861	7,825	8,815	6,974	5,398	5,394	7,596	7,596	-5.2 *	36.3
85+	28,571	24,390	18,605	12,146	18,519	14,085	26,846	11,561	12,853	23,923	24,229	33,827	33,827	3.5	74.6
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	247	293	256	309	203	241	270	231	235	260	238	347	347		
Age std	707	932	755	858	574	588	700	559	510	560	526	729	729	-3.3 **	50.6 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	252	215	207	227	131	217	200	146	179	200	139	193	193		
Age std	409	350	350	381	227	340	296	215	256	266	194	261	261	-5.0 **	27.7 **

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



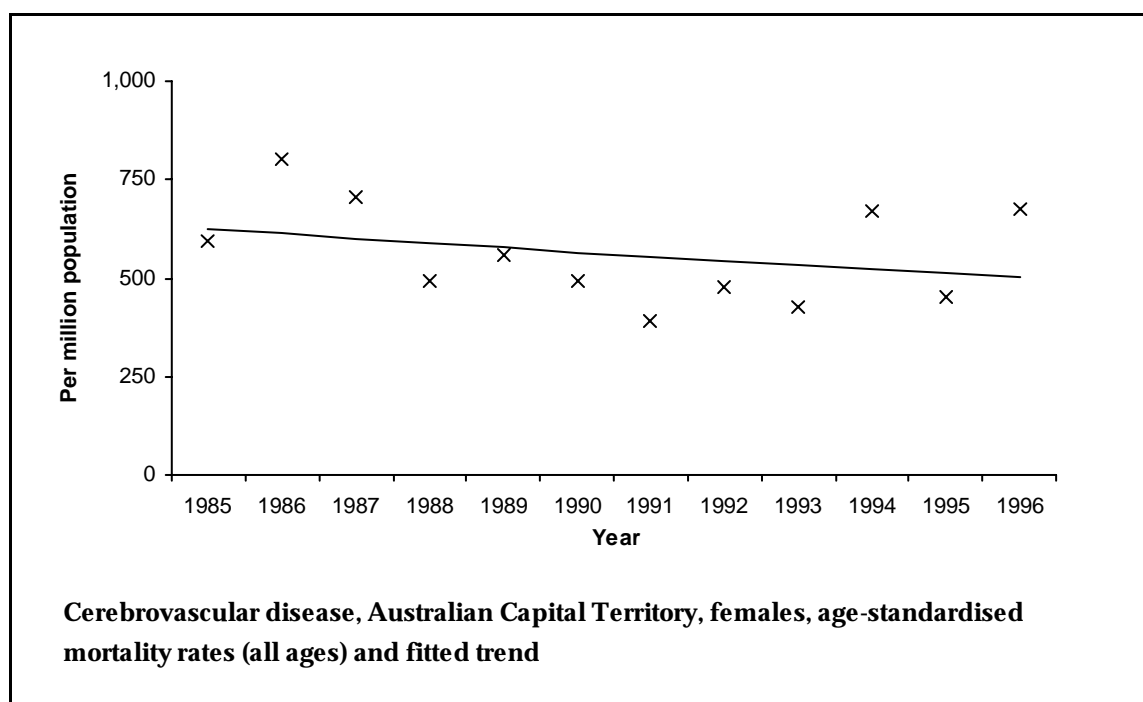
**ICD-9: 430–438  
Cerebrovascular disease**
**Australian Capital Territory  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	1	0	0	0	0	0		
25–34	1	0	0	1	1	0	1	0	0	0	0	0	0		
35–44	1	1	1	2	0	1	1	0	1	0	1	0	1		
45–54	4	3	1	4	1	2	0	1	1	1	1	1	2		
55–59	0	1	0	0	0	1	0	2	1	3	1	0	0		
60–64	2	4	0	2	1	2	0	7	1	3	0	2	2		
65–69	3	2	3	0	2	0	2	3	1	7	4	6	6		
70–74	4	7	3	2	4	2	0	6	7	6	3	6	6		
75–84	13	16	19	15	20	21	12	14	18	24	22	39	39		
85+	13	22	22	13	15	13	19	12	14	28	20	26	26		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	15	18	8	11	9	8	4	19	12	20	10	16	16		
<b>All ages</b>	<b>41</b>	<b>56</b>	<b>49</b>	<b>39</b>	<b>44</b>	<b>42</b>	<b>35</b>	<b>46</b>	<b>44</b>	<b>72</b>	<b>52</b>	<b>81</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	16	0	0	0	0	0		
25–34	43	0	0	41	41	0	40	0	0	0	0	0	0		
35–44	49	46	44	85	0	41	40	0	40	0	39	0	0		
45–54	360	257	81	307	73	138	0	60	56	53	51	96	96		
55–59	0	233	0	0	0	223	0	409	194	558	178	0	0		
60–64	501	1,008	0	494	246	492	0	1,693	242	714	0	452	452	-1.5	1.5
65–69	1,166	726	1,005	0	570	0	526	781	256	1,794	1,025	1,538	1,538	8.9	60.8
70–74	1,908	3,259	1,354	875	1,701	818	0	2,075	2,233	1,779	857	1,684	1,684	-2.4	39.1
75–84	6,286	7,425	8,137	6,034	7,522	7,392	3,938	4,320	5,280	6,736	5,836	9,625	9,625	0.5	83.5 *
85+	21,382	36,789	35,200	19,432	21,186	17,310	24,516	14,235	14,862	28,084	18,744	22,688	22,688	-2.9	28.5
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	326	433	369	286	318	298	242	312	293	475	339	522	522		
Age std	595	805	704	490	556	492	392	475	428	668	449	675	675	-2.0 **	55.3 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	221	257	111	147	118	102	50	229	141	231	113	177	177		
Age std	307	368	166	175	170	130	57	326	186	317	145	242	242	-2.0 **	38.5 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**Australian Capital Territory**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	1	1	0	0	0	0	0	1	1	2			
35–44	3	5	3	5	2	3	0	2	1	3	2	3			
45–54	5	7	5	3	14	7	7	10	7	11	7	9			
55–59	10	10	4	8	14	5	6	7	8	5	6	5			
60–64	12	11	11	15	10	7	20	2	4	8	5	8			
65–69	14	21	11	13	20	11	10	15	15	11	15	13			
70–74	17	14	12	8	14	9	17	11	12	14	15	15			
75–84	26	22	17	20	17	15	24	27	27	26	20	26			
85+	7	4	2	6	4	7	4	6	4	7	13	12			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	61	68	47	53	74	42	60	47	47	53	51	55			
<b>All ages</b>	<b>95</b>	<b>94</b>	<b>66</b>	<b>79</b>	<b>95</b>	<b>64</b>	<b>88</b>	<b>80</b>	<b>78</b>	<b>86</b>	<b>84</b>	<b>93</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	42	41	0	0	0	0	0	40	40	78			
35–44	144	229	133	213	84	124	0	82	41	124	83	123	–7.7	123.3	
45–54	418	561	380	219	970	460	434	574	379	569	348	430	–1.0	–7.1	
55–59	2,162	2,157	841	1,654	2,909	1,017	1,209	1,368	1,487	883	1,022	817	–7.1 *	–17.1	
60–64	3,170	2,892	2,854	3,734	2,461	1,714	4,813	475	948	1,895	1,124	1,767	–8.1 *	38.6	
65–69	6,401	8,805	4,173	4,577	6,435	3,367	2,947	4,369	4,246	3,065	4,199	3,535	–6.2 *	15.1	
70–74	10,911	8,844	7,203	4,643	7,986	4,749	8,134	4,766	4,817	5,151	5,282	5,116	–5.7 *	17.3	
75–84	20,717	16,717	12,274	13,387	10,468	8,576	12,520	13,222	12,552	11,696	8,299	9,875	–4.8 *	7.5	
85+	40,000	19,512	9,302	24,291	14,815	24,648	13,423	17,341	10,283	16,746	28,634	25,370	0.3	42.5	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	757	725	497	581	688	454	608	544	523	573	555	608			
Age std	1,957	1,692	1,137	1,306	1,354	972	1,207	1,095	1,008	1,050	1,026	1,064	–5.1 **	23.4 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	905	974	650	709	969	536	749	573	562	625	591	624			
Age std	1,503	1,591	1,040	1,054	1,446	792	1,139	804	792	828	815	829	–6.1 **	19.6 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	1	0	0			
35–44	0	0	0	0	1	1	0	1	0	1	2	1			
45–54	3	2	0	1	4	1	3	1	1	2	0	2			
55–59	3	3	2	1	1	3	2	3	3	1	0	3			
60–64	2	5	3	1	3	6	5	2	1	2	2	3			
65–69	7	7	6	8	3	5	5	1	2	4	1	8			
70–74	10	9	9	19	8	9	11	5	8	11	5	8			
75–84	26	22	20	22	27	25	19	26	26	34	22	23			
85+	9	14	15	7	12	8	20	19	14	19	19	17			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	25	26	20	30	20	25	26	13	15	22	10	25			
<b>All ages</b>	<b>60</b>	<b>62</b>	<b>55</b>	<b>59</b>	<b>59</b>	<b>58</b>	<b>65</b>	<b>58</b>	<b>55</b>	<b>75</b>	<b>51</b>	<b>65</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	39	0	0			
35–44	0	0	0	0	42	41	0	40	0	39	78	39			
45–54	270	171	0	77	292	69	195	60	56	107	0	96			
55–59	678	700	463	230	226	668	428	613	582	186	0	504	–5.8	112.6	
60–64	501	1,260	746	247	738	1,476	1,229	484	242	476	464	678	–4.0	30.1	
65–69	2,721	2,540	2,010	2,446	855	1,365	1,316	260	513	1,025	256	2,051	–10.5 *	443.9 *	
70–74	4,771	4,190	4,061	8,315	3,401	3,682	4,077	1,729	2,552	3,261	1,428	2,245	–8.9 **	11.9	
75–84	12,573	10,209	8,565	8,850	10,154	8,800	6,236	8,022	7,627	9,543	5,836	5,676	–4.9 *	–14.4	
85+	14,803	23,411	24,000	10,463	16,949	10,652	25,806	22,539	14,862	19,057	17,807	14,834	–0.7	–19.3	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	477	480	414	433	426	411	449	393	366	495	333	419			
Age std	906	897	768	779	729	674	715	605	539	692	446	549	–5.0 **	9.4 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	368	372	277	401	261	319	322	157	177	254	113	277			
Age std	564	564	432	641	373	461	457	207	235	327	145	369	–7.9 **	79.0 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Australian Capital Territory**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	2	1	1	1	1	3	1	0	0	0	0	0	0		
25–34	2	0	2	1	1	0	4	0	2	4	1	2			
35–44	4	12	5	7	2	9	4	4	4	6	6	6			
45–54	10	14	12	11	22	17	12	23	17	22	12	20			
55–59	20	19	9	12	25	14	15	10	10	11	14	16			
60–64	23	27	24	26	20	17	32	11	18	16	11	13			
65–69	25	41	31	34	32	34	29	33	34	35	29	28			
70–74	35	35	25	27	33	30	35	28	36	35	31	39			
75–84	44	59	56	62	56	52	70	82	78	68	68	86			
85+	20	18	14	21	21	25	19	22	30	31	39	56			
Not stated	1	0	0	0	0	0	0	0	0	0	0	0			
25–74	119	148	108	118	135	121	131	109	121	129	104	124			
<b>All ages</b>	<b>186</b>	<b>226</b>	<b>179</b>	<b>202</b>	<b>213</b>	<b>201</b>	<b>221</b>	<b>213</b>	<b>229</b>	<b>228</b>	<b>211</b>	<b>266</b>			
<b>Age-specific rates (per million population)</b>															
<25	35	17	17	17	17	49	16	0	0	0	0	0			
25–34	89	0	84	41	41	0	161	0	79	160	40	78			
35–44	191	549	221	298	84	371	163	163	164	248	248	246	–3.5	35.4	
45–54	836	1,122	913	804	1,525	1,118	743	1,320	919	1,139	596	955	–1.2	2.9	
55–59	4,324	4,098	1,891	2,481	5,194	2,848	3,022	1,955	1,859	1,942	2,385	2,614	–5.4 *	38.5	
60–64	6,077	7,098	6,227	6,472	4,922	4,164	7,702	2,613	4,264	3,790	2,473	2,871	–7.7 **	–7.1	
65–69	11,431	17,191	11,760	11,972	10,296	10,407	8,547	9,613	9,624	9,752	8,119	7,613	–5.0 **	–3.8	
70–74	22,465	22,110	15,006	15,670	18,825	15,831	16,746	12,132	14,452	12,877	10,915	13,302	–5.1 **	20.7	
75–84	35,060	44,833	40,433	41,499	34,483	29,731	36,515	40,157	36,262	30,589	28,216	32,662	–2.4 *	7.1	
85+	114,286	87,805	65,116	85,020	77,778	88,028	63,758	63,584	77,121	74,163	85,903	118,393	1.2	63.6 *	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,481	1,744	1,349	1,486	1,543	1,425	1,528	1,448	1,535	1,520	1,393	1,739			
Age std	3,984	4,428	3,469	3,722	3,538	3,231	3,298	3,138	3,218	2,950	2,751	3,317	–3.0 **	22.2 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,765	2,120	1,493	1,578	1,767	1,545	1,635	1,329	1,446	1,521	1,205	1,407			
Age std	2,922	3,480	2,417	2,514	2,730	2,339	2,453	1,898	2,080	2,068	1,660	1,869	–5.1 **	9.2 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	1	0	0	0	1	0	0	2	0			
25–34	1	0	0	1	1	2	1	0	0	1	1	1			
35–44	2	2	1	6	2	2	1	2	1	2	4	1			
45–54	7	8	2	5	8	6	5	2	4	4	2	7			
55–59	4	5	4	4	2	7	5	10	6	5	1	4			
60–64	11	10	7	4	5	11	7	17	8	8	2	8			
65–69	11	17	14	13	9	9	16	19	7	20	11	17			
70–74	30	30	21	32	25	21	18	26	28	25	17	23			
75–84	64	53	71	72	75	69	77	71	89	90	79	104			
85+	48	67	60	60	61	62	66	76	68	102	81	91			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	66	72	49	65	52	58	53	76	54	65	38	61			
<b>All ages</b>	<b>178</b>	<b>192</b>	<b>180</b>	<b>198</b>	<b>188</b>	<b>189</b>	<b>196</b>	<b>224</b>	<b>211</b>	<b>257</b>	<b>200</b>	<b>256</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	17	0	0	0	16	0	0	33	0			
25–34	43	0	0	41	41	81	40	0	0	39	39	38			
35–44	98	93	44	255	83	82	40	80	40	79	157	39	–3.8	–55.0	
45–54	631	684	162	384	583	413	325	120	226	213	101	337	–9.8 *	150.3	
55–59	904	1,167	926	918	452	1,559	1,070	2,044	1,163	930	178	672	–2.7	–27.8	
60–64	2,753	2,521	1,741	988	1,230	2,706	1,720	4,112	1,938	1,903	464	1,807	–2.7	9.1	
65–69	4,275	6,168	4,690	3,976	2,565	2,457	4,212	4,948	1,795	5,127	2,819	4,358	–2.1	39.4	
70–74	14,313	13,966	9,477	14,004	10,629	8,592	6,672	8,990	8,931	7,412	4,856	6,455	–7.7 **	13.1	
75–84	30,948	24,594	30,407	28,962	28,206	24,287	25,271	21,907	26,107	25,260	20,955	25,666	–2.0	16.4	
85+	78,947	112,040	96,000	89,686	86,158	82,557	85,161	90,154	72,187	102,307	75,914	79,407	–1.4	–2.9	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	1,414	1,485	1,356	1,453	1,358	1,339	1,355	1,518	1,406	1,696	1,304	1,648			
Age std	2,644	2,772	2,551	2,581	2,349	2,201	2,187	2,332	2,062	2,375	1,739	2,118	–2.8 **	10.0 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	973	1,029	677	869	680	739	656	918	636	752	430	675			
Age std	1,446	1,556	1,041	1,281	989	1,041	913	1,291	858	1,006	557	891	–5.3 **	20.2 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Northern Territory**

**Profiles with graph**

Ischaemic heart disease ..... 104  
Cerebrovascular disease ..... 106

**Profiles without graph**

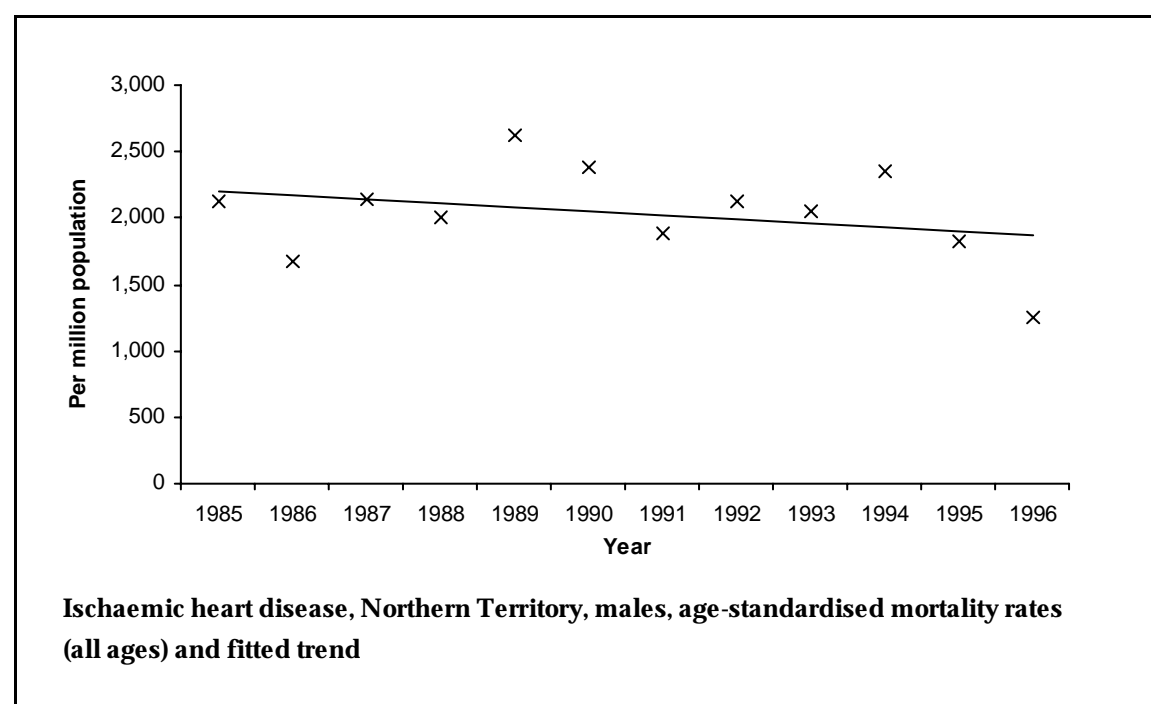
Acute myocardial infarction..... 108  
Diseases of the circulatory system..... 109

**ICD-9: 410–414  
Ischaemic heart disease**

**Northern Territory  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	1	1	0	2	0	0	0	0	0	0	0		
25–34	3	3	0	4	6	2	1	1	4	6	2	1			
35–44	2	6	7	11	8	7	8	6	9	8	10	3			
45–54	8	14	16	16	19	12	16	16	9	14	17	13			
55–59	9	8	11	7	8	9	10	5	8	3	4	5			
60–64	8	7	13	5	3	4	10	15	7	9	9	5			
65–69	6	3	7	8	10	9	4	13	8	8	4	7			
70–74	8	9	4	4	8	11	4	5	3	10	5	9			
75–84	7	4	7	7	12	12	10	6	11	8	10	7			
85+	0	0	1	2	2	0	1	3	4	8	5	0			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	44	50	58	55	62	54	53	61	48	58	51	43			
<b>All ages</b>	<b>51</b>	<b>54</b>	<b>67</b>	<b>65</b>	<b>76</b>	<b>68</b>	<b>64</b>	<b>70</b>	<b>63</b>	<b>74</b>	<b>66</b>	<b>50</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	26	26	0	51	0	0	0	0	0	0			
25–34	183	178	0	232	345	114	57	57	224	336	110	54	-1.5	-70.7	
35–44	155	441	499	776	557	480	541	402	600	528	649	191	0.5	-70.4	
45–54	1,240	2,011	2,164	2,062	2,334	1,402	1,797	1,693	901	1,329	1,537	1,123	-4.4	-15.2	
55–59	3,910	3,409	4,695	3,028	3,435	3,915	4,156	2,012	3,037	1,068	1,310	1,526	-9.0 *	-10.7	
60–64	5,563	4,670	8,000	3,003	1,791	2,265	5,701	8,296	3,840	4,937	4,834	2,528	-2.0	-47.7	
65–69	7,435	3,344	7,423	8,377	9,794	8,824	3,813	11,525	6,672	6,289	2,954	4,926	-3.2	-17.4	
70–74	16,260	16,423	6,826	7,018	14,085	18,836	7,042	8,117	4,666	14,556	7,003	11,450	-3.5	44.1	
75–84	18,182	9,709	17,544	16,867	28,103	26,490	21,008	12,526	21,696	15,444	17,271	10,786	-1.7	-43.3	
85+	0	0	13,333	25,000	25,641	0	11,111	28,037	36,697	66,667	36,232	0	10.5	-100.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	646	661	801	775	897	792	739	795	704	813	708	523			
Age std	2,125	1,668	2,135	2,002	2,620	2,376	1,879	2,122	2,051	2,351	1,820	1,244	-1.5 **	-41.6 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	1,078	1,172	1,312	1,231	1,363	1,165	1,126	1,269	977	1,157	988	807			
Age std	2,356	2,216	2,343	2,034	2,443	2,447	1,846	2,404	1,593	2,109	1,511	1,498	-3.4 **	-15.5 **	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.





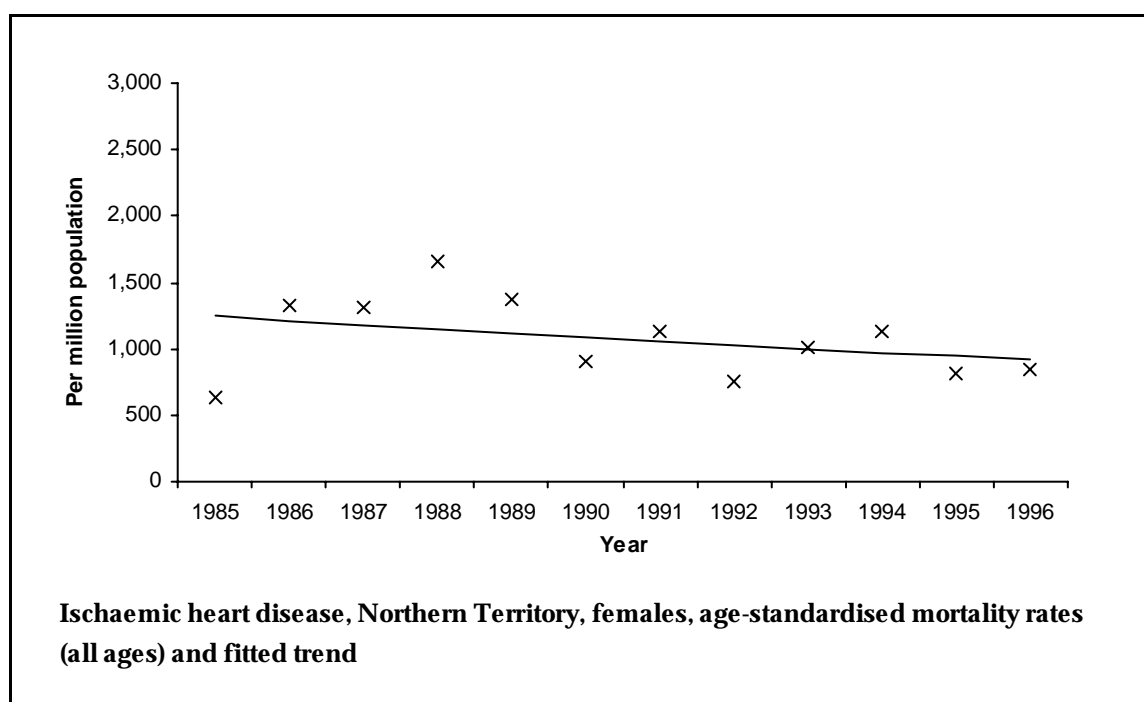
**ICD-9: 410–414  
Ischaemic heart disease**
**Northern Territory  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	1	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	0	1	1	1	1	1	1	0	1	1		
35–44	3	0	0	3	3	0	1	1	3	0	1	1	1		
45–54	1	1	1	4	5	2	3	2	3	5	3	5	5		
55–59	3	2	0	3	4	4	2	1	3	2	0	0	0		
60–64	2	0	5	10	6	4	5	2	3	3	3	4	4		
65–69	1	3	5	1	5	1	6	5	3	4	7	3	3		
70–74	1	2	4	4	3	2	5	2	4	5	3	2	2		
75–84	3	9	7	7	5	6	4	5	7	6	3	5	5		
85+	0	4	2	5	3	1	1	0	1	4	3	6	6		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	12	8	15	25	27	14	23	14	20	20	17	16	16		
<b>All ages</b>	<b>15</b>	<b>21</b>	<b>24</b>	<b>38</b>	<b>35</b>	<b>21</b>	<b>28</b>	<b>19</b>	<b>28</b>	<b>30</b>	<b>23</b>	<b>27</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	28	0	0	0	0	0	0	0	0	0		
25–34	66	0	0	0	61	60	60	60	60	59	0	57	57		
35–44	295	0	0	254	246	0	77	76	225	0	72	70	70		
45–54	212	195	184	702	830	312	443	276	386	602	340	537	537	3.3	12.7
55–59	1,956	1,259	0	1,800	2,320	2,269	1,120	542	1,549	985	0	0	0	-11.2	-100.0
60–64	1,848	0	3,831	7,599	4,630	3,072	3,765	1,472	2,187	2,088	2,045	2,587	2,587	-3.1	7.4
65–69	1,337	3,559	5,841	1,126	5,388	1,075	6,865	5,382	3,122	4,049	6,744	2,730	2,730	3.8	-54.1
70–74	2,387	4,000	7,220	6,932	5,155	3,115	8,130	3,130	6,135	7,331	4,386	2,663	2,663	-0.8	-55.4
75–84	7,772	19,737	15,119	14,374	9,823	11,628	7,505	8,741	11,236	9,524	4,464	6,605	6,605	-7.4	-2.6
85+	0	31,746	14,815	37,313	21,429	6,667	7,576	0	6,757	23,392	14,925	26,316	26,316	-0.1	132.2
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	216	289	322	506	458	270	355	237	345	364	273	313	313		
Age std	635	1,327	1,310	1,662	1,375	901	1,124	757	1,003	1,124	822	848	848	-2.7 **	-10.4 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	356	222	401	654	688	348	561	334	468	457	376	343	343		
Age std	622	570	1,078	1,336	1,381	709	1,363	769	949	999	918	651	651	-0.1	-38.9 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

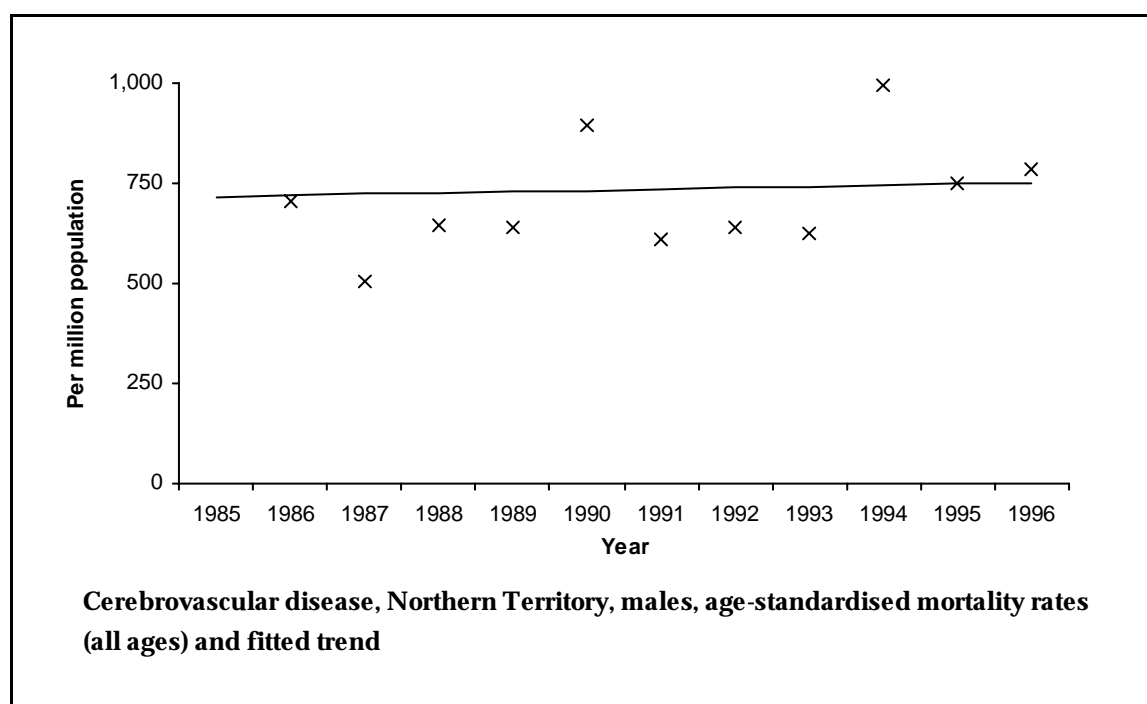


**ICD-9: 430–438  
Cerebrovascular disease**

**Northern Territory  
Males**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	2	0	0	0	0	0		
25–34	0	0	0	1	2	2	0	0	0	0	0	0	1		
35–44	0	0	0	3	1	0	1	2	0	2	3	1	1		
45–54	1	2	3	2	2	3	2	1	1	3	4	4	4		
55–59	5	0	1	1	1	1	1	1	2	2	0	2	2		
60–64	1	3	2	5	2	1	2	0	0	2	6	2	2		
65–69	0	3	2	4	6	4	0	3	3	2	5	3	3		
70–74	3	3	0	1	2	2	2	2	0	4	2	2	2		
75–84	3	4	3	1	2	4	4	5	6	8	3	6	6		
85+	2	0	0	1	0	2	1	0	1	1	2	3	3		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	10	11	8	17	16	13	8	9	6	15	20	15	15		
<b>All ages</b>	<b>15</b>	<b>15</b>	<b>11</b>	<b>19</b>	<b>18</b>	<b>19</b>	<b>13</b>	<b>16</b>	<b>13</b>	<b>24</b>	<b>25</b>	<b>24</b>	<b>24</b>		
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	51	0	0	0	0	0		
25–34	0	0	0	58	115	114	0	0	0	0	0	54	54		
35–44	0	0	0	212	70	0	68	134	0	132	195	64	64		
45–54	155	287	406	258	246	350	225	106	100	285	362	345	345	1.2	41.6
55–59	2,172	0	427	433	429	435	416	402	759	712	0	610	610		
60–64	695	2,001	1,231	3,003	1,194	566	1,140	0	0	1,097	3,222	1,011	1,011	-1.1	-19.9
65–69	0	3,344	2,121	4,188	5,877	3,922	0	2,660	2,502	1,572	3,693	2,111	2,111	-0.8	-24.8
70–74	6,098	5,474	0	1,754	3,521	3,425	3,521	3,247	0	5,822	2,801	2,545	2,545		
75–84	7,792	9,709	7,519	2,410	4,684	8,830	8,403	10,438	11,834	15,444	5,181	9,245	9,245	3.7	-14.5
85+	46,512	0	0	12,500	0	23,810	11,111	0	9,174	8,333	14,493	19,481	19,481		
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	190	184	131	226	212	221	150	182	145	264	268	251	251		
Age std	1,017	703	504	645	639	893	612	641	625	995	750	785	785	0.4 **	6.3 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	245	258	181	380	352	280	170	187	122	299	388	281	281		
Age std	554	709	345	743	797	612	356	432	244	627	756	490	490	-1.3 **	-6.7 **

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



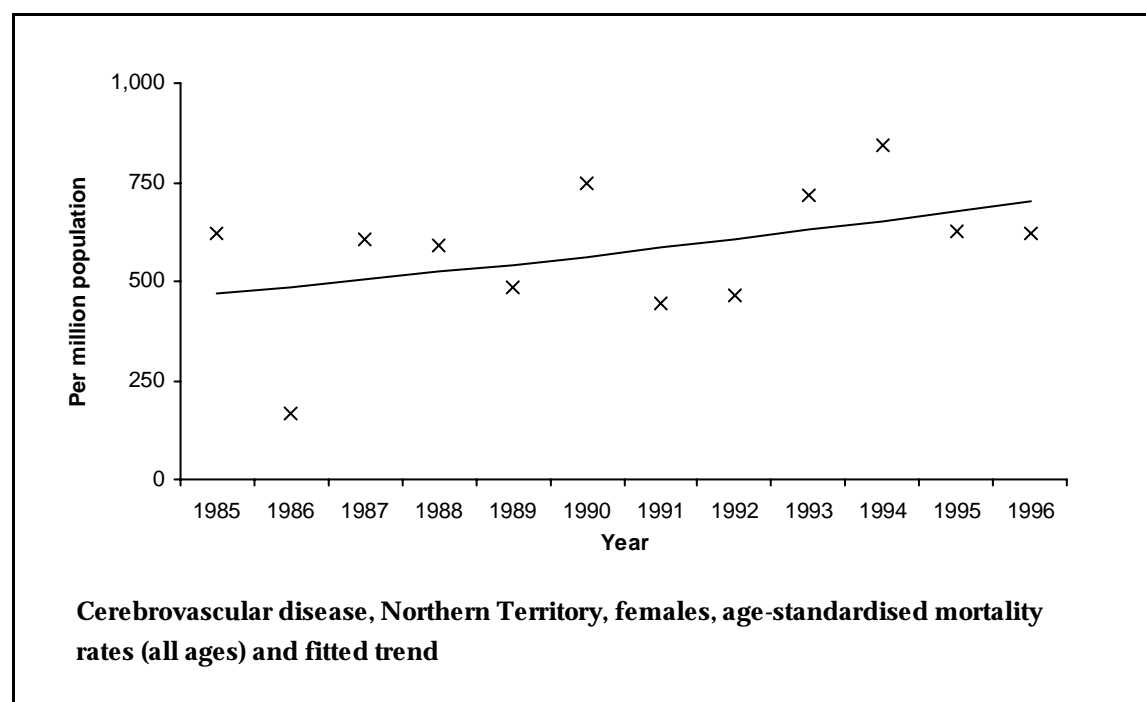
**ICD-9: 430–438  
Cerebrovascular disease**
**Northern Territory  
Females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	1	0	0	0	0	0	0	0	0		
35–44	0	0	0	0	1	2	1	2	0	3	1	1	1		
45–54	3	0	1	1	0	3	0	1	1	2	0	4	4		
55–59	0	2	0	1	1	0	3	1	2	0	1	0	0		
60–64	0	2	0	2	2	3	0	3	0	2	2	1	1		
65–69	3	1	4	1	2	3	1	1	2	3	2	1	1		
70–74	0	0	2	3	1	3	1	0	5	1	0	4	4		
75–84	2	0	3	3	2	4	3	4	3	5	4	4	4		
85+	2	0	1	1	1	0	1	0	3	5	5	4	4		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	6	5	7	8	8	14	6	8	10	11	6	11	11		
<b>All ages</b>	<b>10</b>	<b>5</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>18</b>	<b>10</b>	<b>12</b>	<b>16</b>	<b>21</b>	<b>15</b>	<b>19</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	61	0	0	0	0	0	0	0	0		
35–44	0	0	0	0	82	158	77	152	0	222	72	70	70		
45–54	636	0	184	176	0	468	0	138	129	241	0	430	430		
55–59	0	1,259	0	600	580	0	1,680	542	1,033	0	455	0	0		
60–64	0	1,577	0	1,520	1,543	2,304	0	2,208	0	1,392	1,363	647	647		
65–69	4,011	1,186	4,673	1,126	2,155	3,226	1,144	1,076	2,081	3,036	1,927	910	910	-5.9	-49.4
70–74	0	0	3,610	5,199	1,718	4,673	1,626	0	7,669	1,466	0	5,326	5,326		
75–84	5,181	0	6,479	6,160	3,929	7,752	5,629	6,993	4,815	7,937	5,952	5,284	5,284	3.8	-29.5
85+	23,529	0	7,407	7,463	7,143	0	7,576	0	20,270	29,240	24,876	17,544	17,544		
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	144	69	148	160	144	231	127	150	197	255	178	220	220		
Age std	621	166	607	592	486	746	444	463	720	841	629	623	623	3.8 **	-15.9 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	178	138	187	209	204	348	146	191	234	251	133	236	236		
Age std	395	288	539	528	429	762	302	345	637	491	284	485	485	0.3 *	6.1 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**Northern Territory**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
													Trend	RD	
<b>Males</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	1	0	0	0	0	0	0	0		
25–34	2	1	0	3	5	1	1	1	3	0	0	1			
35–44	0	4	3	6	1	3	6	3	2	1	8	1			
45–54	3	8	10	6	12	10	10	10	3	8	8	7			
55–59	6	4	7	3	4	4	6	2	4	0	1	3			
60–64	3	5	9	3	2	2	8	8	4	4	6	2			
65–69	3	2	6	5	5	2	3	8	5	4	2	5			
70–74	6	6	2	4	4	7	3	3	2	5	2	7			
75–84	4	1	4	6	7	8	7	4	7	5	5	3			
85+	0	0	1	0	1	0	0	2	3	6	3	0			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	23	30	37	30	33	29	37	35	23	22	27	26			
<b>All ages</b>	<b>27</b>	<b>31</b>	<b>42</b>	<b>36</b>	<b>41</b>	<b>38</b>	<b>44</b>	<b>41</b>	<b>33</b>	<b>33</b>	<b>35</b>	<b>29</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	26	0	0	0	0	0	0			
25–34	122	59	0	174	288	57	57	57	168	0	0	54			
35–44	0	294	214	423	70	206	406	201	133	66	519	64	1.0	–79.5	
45–54	465	1,149	1,352	773	1,474	1,168	1,123	1,058	300	759	723	605	–4.7	–17.6	
55–59	2,606	1,704	2,988	1,298	1,717	1,740	2,494	805	1,519	0	328	915	–12.2 *	56.9	
60–64	2,086	3,336	5,538	1,802	1,194	1,133	4,561	4,425	2,194	2,194	3,222	1,011	–3.0	–64.7	
65–69	3,717	2,230	6,363	5,236	4,897	1,961	2,860	7,092	4,170	3,145	1,477	3,519	–3.2	12.7	
70–74	12,195	10,949	3,413	7,018	7,042	11,986	5,282	4,870	3,110	7,278	2,801	8,906	–4.9	132.2	
75–84	10,390	2,427	10,025	14,458	16,393	17,660	14,706	8,351	13,807	9,653	8,636	4,622	–2.4	–61.4	
85+	0	0	13,333	0	12,821	0	0	18,692	27,523	50,000	21,739	0			
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	342	379	502	429	484	443	508	466	369	363	375	303			
Age std	1,175	880	1,396	1,212	1,434	1,370	1,266	1,284	1,268	1,324	970	739	–1.4 **	–41.1 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	564	703	837	671	725	625	786	728	468	439	523	488			
Age std	1,338	1,399	1,549	1,251	1,280	1,255	1,320	1,384	855	912	779	980	–4.5 **	10.0 **	
<b>Females</b>															
<b>Deaths (number)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	1	1	0	1	0	0	1			
35–44	2	0	0	1	2	0	1	1	0	0	1	1			
45–54	1	0	1	3	5	1	3	0	1	0	2	3			
55–59	3	1	0	1	4	4	1	0	2	2	0	0			
60–64	2	0	3	5	3	2	3	2	2	3	2	2			
65–69	0	2	3	0	2	1	4	2	2	1	5	2			
70–74	1	1	4	3	1	1	3	1	4	3	2	0			
75–84	2	4	7	5	1	5	2	2	3	3	2	3			
85+	0	2	1	3	2	0	0	0	1	1	2	6			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	9	4	11	13	17	10	16	6	12	9	12	9			
<b>All ages</b>	<b>11</b>	<b>10</b>	<b>19</b>	<b>21</b>	<b>20</b>	<b>15</b>	<b>18</b>	<b>8</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>18</b>			
<b>Age-specific rates (per million population)</b>															
<25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	60	60	0	60	0	0	57			
35–44	197	0	0	85	164	0	77	76	0	0	72	70			
45–54	212	0	184	527	830	156	443	0	129	0	227	322			
55–59	1,956	630	0	600	2,320	2,269	560	0	1,033	985	0	0			
60–64	1,848	0	2,299	3,799	2,315	1,536	2,259	1,472	1,458	2,088	1,363	1,294	–2.0	–26.6	
65–69	0	2,372	3,505	0	2,155	1,075	4,577	2,153	2,081	1,012	4,817	1,820	6.1	–48.5	
70–74	2,387	2,000	7,220	5,199	1,718	1,558	4,878	1,565	6,135	4,399	2,924	0	–4.3	–100.0	
75–84	5,181	8,772	15,119	10,267	1,965	9,690	3,752	3,497	4,815	4,762	2,976	3,963	–9.5	23.2	
85+	0	15,873	7,407	22,388	14,286	0	0	0	6,757	5,848	9,950	26,316			
<b>All ages: Crude and age-standardised rates (per million population)</b>															
Crude	158	138	255	280	262	193	228	100	197	158	190	209			
Age std	461	635	1,088	986	640	630	647	323	609	532	570	561	–3.3 **	8.8 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>															
Crude	267	111	294	340	433	249	390	143	281	206	265	193			
Age std	482	308	808	716	780	482	890	355	676	520	643	316	–1.1 **	–50.7 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Northern Territory**  
**Males and females**

Age group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
													Trend	RD
<b>Males</b>														
<b>Deaths (number)</b>														
<25	9	2	1	5	4	6	0	5	1	3	6	3		
25–34	10	9	1	10	11	6	3	2	7	11	3	2		
35–44	5	7	10	19	10	12	13	14	12	11	20	8		
45–54	13	22	24	23	25	17	23	22	10	21	26	17		
55–59	18	9	12	11	12	12	13	12	14	8	7	11		
60–64	13	17	18	13	9	9	13	21	7	15	20	10		
65–69	7	8	11	16	20	18	10	22	15	14	16	15		
70–74	12	13	7	7	16	16	8	10	5	19	9	11		
75–84	15	10	16	13	16	22	20	18	27	27	20	18		
85+	4	2	3	5	3	4	6	3	6	11	10	9		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	78	85	83	99	103	90	83	103	70	99	101	74		
<b>All ages</b>	<b>106</b>	<b>99</b>	<b>103</b>	<b>122</b>	<b>126</b>	<b>122</b>	<b>109</b>	<b>129</b>	<b>104</b>	<b>140</b>	<b>137</b>	<b>104</b>		
<b>Age-specific rates (per million population)</b>														
<25	238	52	26	129	103	154	0	127	25	75	147	72	–4.2	–4.2
25–34	610	535	58	579	633	342	171	113	392	615	165	108	–7.2	–60.5
35–44	387	515	713	1,341	696	823	879	939	800	727	1,297	509	2.6	–55.0
45–54	2,014	3,160	3,245	2,964	3,071	1,986	2,583	2,328	1,002	1,993	2,351	1,468	–5.2 *	–19.8
55–59	7,819	3,835	5,122	4,758	5,152	5,220	5,403	4,829	5,315	2,848	2,293	3,357	–5.9 *	4.4
60–64	9,040	11,341	11,077	7,808	5,373	5,096	7,412	11,615	3,840	8,228	10,741	5,056	–2.8	–33.4
65–69	8,674	8,919	11,665	16,754	19,589	17,647	9,533	19,504	12,510	11,006	11,817	10,556	–0.5	–24.6
70–74	24,390	23,723	11,945	12,281	28,169	27,397	14,085	16,234	7,776	27,656	12,605	13,995	–3.2	–11.0
75–84	38,961	24,272	40,100	31,325	37,471	48,565	42,017	37,578	53,254	52,124	34,542	27,735	0.8	–42.1
85+	93,023	27,397	40,000	62,500	38,462	47,619	66,667	28,037	55,046	91,667	72,464	58,442	3.8	–20.2
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,342	1,211	1,231	1,454	1,487	1,421	1,258	1,466	1,161	1,539	1,469	1,087		
Age std	4,610	3,356	3,887	3,951	4,276	4,597	3,885	4,027	3,894	4,904	3,820	2,978	–0.7 **	–29.4 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,912	1,992	1,878	2,215	2,264	1,941	1,763	2,143	1,424	1,974	1,957	1,388		
Age std	3,740	3,836	3,443	3,759	4,477	4,048	3,085	4,089	2,431	3,733	3,254	2,491	–2.5 **	–24.0 **
<b>Females</b>														
<b>Deaths (number)</b>														
<25	0	1	1	6	2	2	1	0	2	2	0	2		
25–34	3	2	2	4	5	2	4	1	2	6	3	1		
35–44	5	3	1	10	7	4	7	5	10	8	5	3		
45–54	7	2	2	13	6	7	7	6	11	8	5	15		
55–59	4	7	3	7	6	7	5	2	7	2	6	3		
60–64	5	4	5	13	9	10	9	5	4	7	8	7		
65–69	8	7	10	6	10	7	8	8	8	9	9	7		
70–74	6	2	7	10	5	7	9	5	13	10	7	6		
75–84	10	16	17	12	13	17	16	13	15	18	13	12		
85+	7	5	5	9	6	5	6	9	7	12	9	14		
Not stated	0	0	1	0	0	0	0	0	0	0	0	0		
25–74	38	27	30	63	48	44	49	32	55	50	43	42		
<b>All ages</b>	<b>55</b>	<b>49</b>	<b>54</b>	<b>90</b>	<b>69</b>	<b>68</b>	<b>72</b>	<b>54</b>	<b>79</b>	<b>82</b>	<b>65</b>	<b>70</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	28	27	165	55	54	27	0	53	53	0	52		
25–34	199	127	124	246	304	121	240	60	120	357	175	57	–1.6	–72.5
35–44	492	273	87	848	574	317	542	380	749	591	361	211	–0.1	–62.6
45–54	1,484	389	368	2,283	996	1,093	1,034	827	1,417	963	567	1,612	0.9	79.1
55–59	2,608	4,408	1,823	4,199	3,480	3,971	2,800	1,084	3,614	985	2,731	1,301	–6.1	–39.2
60–64	4,621	3,155	3,831	9,878	6,944	7,680	6,777	3,679	2,915	4,871	5,453	4,528	–1.5	–11.7
65–69	10,695	8,304	11,682	6,757	10,776	7,527	9,153	8,611	8,325	9,109	8,671	6,369	–2.4	–23.4
70–74	14,320	4,000	12,635	17,331	8,591	10,903	14,634	7,825	19,939	14,663	10,234	7,989	0.1	–43.3
75–84	25,907	35,088	36,717	24,641	25,540	32,946	30,019	22,727	24,077	28,571	19,345	15,852	–4.6	–29.5
85+	82,353	39,683	37,037	67,164	42,857	33,333	45,455	62,069	47,297	70,175	44,776	61,404	1.2	18.2
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	791	674	724	1,198	903	873	913	674	973	995	771	812		
Age std	3,054	2,494	2,827	3,354	2,822	2,855	2,927	2,319	2,776	2,939	2,254	2,084	–2.1 **	–18.4 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,127	748	802	1,649	1,224	1,093	1,195	763	1,287	1,142	951	900		
Age std	2,431	1,501	1,983	3,103	2,352	2,259	2,480	1,619	2,561	2,230	1,967	1,651	–1.2 **	–24.9 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Indigenous population (SA, WA, NT)**

**Profiles with graph**

Ischaemic heart disease ..... 112

**Profiles without graph**

Acute myocardial infarction..... 114

Diseases of the circulatory system..... 115

**Total number of deaths only**

Cerebrovascular disease ..... 116

**ICD-9: 410–414  
Ischaemic heart disease**

**Indigenous  
Males**

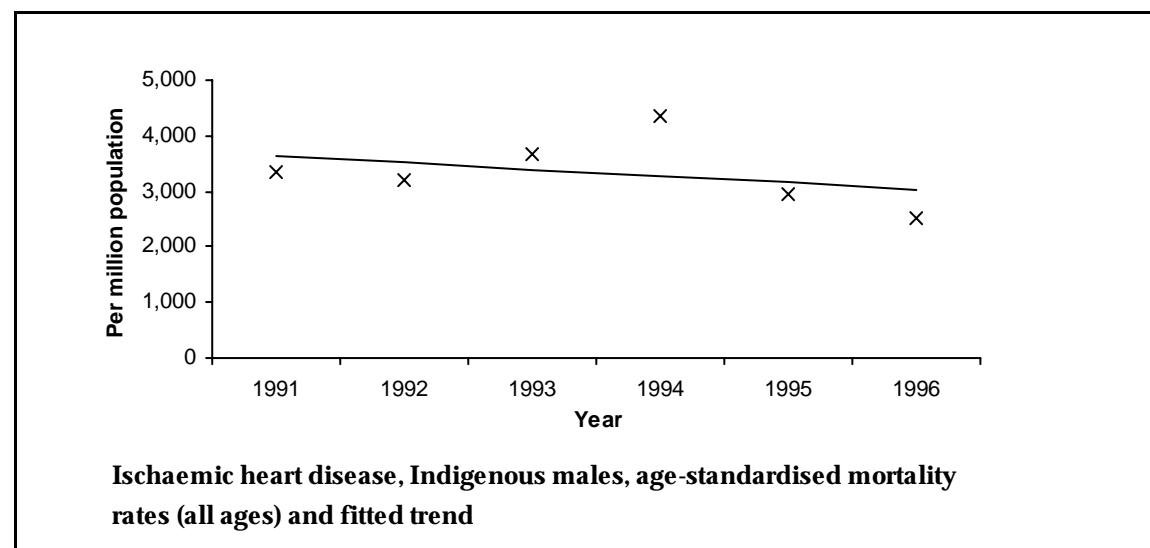
Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Deaths (number)</b>								
<25	3	0	0	0	1	0		
25–34	1	4	3	9	3	2		
35–44	12	15	9	20	17	13		
45–54	19	16	16	19	20	18		
55–64	14	15	24	17	14	14		
65–74	8	12	15	15	8	9		
75+	10	6	7	13	7	5		
Not stated	0	0	0	0	0	0		
25–64	46	50	52	65	54	46		
<b>All ages</b>	<b>67</b>	<b>68</b>	<b>74</b>	<b>93</b>	<b>70</b>	<b>61</b>		
<b>Age-specific rates (per million population)</b>								
<25	83	0	0	0	26	0		
25–34	109	422	305	894	292	197	3.8	-72.3
35–44	2,060	2,475	1,445	3,052	2,475	1,755	-0.2	-36.5
45–54	5,582	4,531	4,331	5,020	5,143	4,381	-2.0	-9.4
55–64	6,965	7,299	11,544	8,115	6,573	6,407	-3.2	-20.5
65–74	8,520	13,304	16,502	16,593	8,089	8,998	-3.5	-31.0
75+	13,316	9,023	12,132	24,857	14,706	9,620	2.7	-54.8
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,152	1,146	1,223	1,506	1,110	940		
Age std	2,773	2,913	3,420	4,173	2,861	2,416	-1.1 **	-34.4 **
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	2,255	2,367	2,381	2,889	2,330	1,922		
Age std	2,708	2,769	3,030	3,257	2,770	2,388	-1.4 **	-22.8 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.



**ICD-9: 410–414  
Ischaemic heart disease**
**Indigenous  
Females**

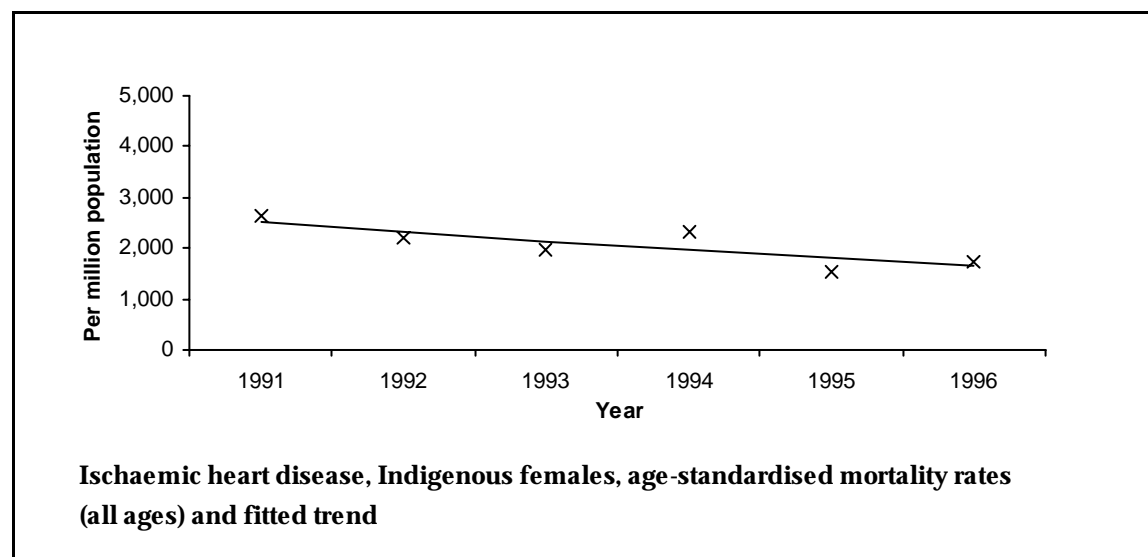
Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Deaths (number)</b>								
<25	0	0	0	0	0	0		
25–34	2	3	1	2	0	2		
35–44	0	3	4	2	4	4		
45–54	7	8	4	9	7	4		
55–64	15	18	13	8	6	7		
65–74	14	10	12	16	12	11		
75+	13	7	7	11	5	10		
Not stated	0	0	0	0	0	0		
25–64	24	32	22	21	17	17		
<b>All ages</b>	<b>51</b>	<b>49</b>	<b>41</b>	<b>48</b>	<b>34</b>	<b>38</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	0	0	0	0	0		
25–34	205	298	96	186	0	213		
35–44	0	465	594	284	545	476	17.3	–34.2
45–54	1,990	2,163	1,041	2,256	1,700	841	–10.0	–50.5
55–64	6,260	7,344	5,236	3,213	2,384	2,889	–19.6	33.6
65–74	11,523	8,826	10,309	13,949	9,554	8,304	–3.1	–24.9
75+	18,056	9,901	10,638	17,405	8,403	13,998	–3.7	44.6
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	858	809	663	762	529	573		
Age std	2,385	2,071	1,913	2,341	1,502	1,644	–7.0 **	0.8
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	1,099	1,412	937	865	679	657		
Age std	1,376	1,782	1,200	1,050	833	774	–13.8 **	–1.6

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.





**ICD-9: 410  
Acute myocardial infarction**
**Indigenous  
Males and females**

Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Males</b>								
<b>Deaths (number)</b>								
<25	3	0	0	0	1	0		
25–34	1	3	2	3	3	2		
35–44	10	9	3	7	12	5		
45–54	14	8	11	13	13	12		
55–64	5	10	16	10	9	6		
65–74	6	8	10	8	6	7		
75+	8	4	4	10	6	2		
Not stated	0	0	0	0	0	0		
25–64	30	30	32	33	37	26		
<b>All ages</b>	<b>47</b>	<b>42</b>	<b>46</b>	<b>51</b>	<b>50</b>	<b>35</b>		
<b>Age-specific rates (per million population)</b>								
<25	83	0	0	0	26	0		
25–34	109	317	203	298	292	193	4.9	–47.1
35–44	1,716	1,485	482	1,068	1,747	714	–8.1	–42.3
45–54	4,113	2,266	2,978	3,435	3,343	3,020	–1.4	–4.1
55–64	2,488	4,866	7,696	4,773	4,225	2,888	–2.1	–50.7
65–74	6,390	8,869	11,001	8,850	6,067	6,835	–3.1	–13.8
75+	10,652	6,015	6,932	19,120	12,605	3,758	–0.9	–77.6
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	808	708	760	826	793	538		
Age std	1,908	1,829	2,144	2,470	2,081	1,332	–2.6 **	–44.5 **
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	1,471	1,420	1,465	1,467	1,596	1,067		
Age std	1,666	1,658	1,901	1,756	1,865	1,229	–2.9 **	–36.1 **
<b>Females</b>								
<b>Deaths (number)</b>								
<25	0	0	0	0	0	0		
25–34	1	0	1	0	0	1		
35–44	0	1	1	2	3	4		
45–54	5	3	3	2	3	2		
55–64	7	10	5	7	4	6		
65–74	8	3	6	6	8	6		
75+	10	3	2	8	3	4		
Not stated	0	0	0	0	0	0		
25–64	13	14	10	11	10	13		
<b>All ages</b>	<b>31</b>	<b>20</b>	<b>18</b>	<b>25</b>	<b>21</b>	<b>22</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	0	0	0	0	0		
25–34	102	0	96	0	0	103		
35–44	0	155	149	284	409	458		
45–54	1,421	811	781	501	729	539	–16.1	19.5
55–64	2,922	4,080	2,014	2,811	1,589	2,313	–10.2	37.9
65–74	6,584	2,648	5,155	5,231	6,369	4,433	–0.1	–24.6
75+	13,889	4,243	3,040	12,658	5,042	5,043	–12.3	–3.3
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	522	330	291	397	327	337		
Age std	1,495	845	798	1,312	943	871	–6.1 **	–3.2
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	595	618	426	453	399	496		
Age std	740	814	523	609	487	594	–7.1 **	32.8 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.

**ICD-9: 390–459  
Diseases of the circulatory system**
**Indigenous  
Males and females**

Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Males</b>								
<b>Deaths (number)</b>								
<25	5	5	1	5	7	4		
25–34	4	10	8	13	8	5		
35–44	22	22	17	23	25	20		
45–54	31	19	22	28	30	26		
55–64	27	20	34	28	25	21		
65–74	19	29	24	33	22	19		
75+	26	13	17	25	22	18		
Not stated	0	0	0	0	0	0		
25–64	84	71	81	92	88	73		
<b>All ages</b>	<b>134</b>	<b>118</b>	<b>123</b>	<b>155</b>	<b>139</b>	<b>114</b>		
<b>Age-specific rates (per million population)</b>								
<25	139	136	27	132	182	110	2.5	–27.7
25–34	437	1,056	813	1,291	778	504	–0.8	–56.9
35–44	3,776	3,630	2,730	3,510	3,640	2,844	–3.2	–15.6
45–54	9,107	5,381	5,956	7,398	7,714	6,330	–2.0	–9.1
55–64	13,433	9,732	16,354	13,365	11,737	10,087	–3.2	–22.3
65–74	20,234	32,151	26,403	36,504	22,245	18,417	–3.5	–38.0
75+	34,621	19,549	29,463	47,801	46,218	33,475	7.4	–35.9
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	2,304	1,989	2,032	2,509	2,203	1,775		
Age std	5,845	5,336	5,748	7,472	6,406	4,873	0.0	–32.3 **
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	4,118	3,362	3,708	4,089	3,797	3,040		
Age std	4,963	3,791	4,518	4,685	4,651	3,631	–2.5 **	–21.1 **
<b>Females</b>								
<b>Deaths (number)</b>								
<25	3	4	4	2	1	2		
25–34	7	6	4	9	6	3		
35–44	7	11	12	12	10	8		
45–54	12	14	14	14	15	16		
55–64	31	27	20	21	16	16		
65–74	25	24	24	31	23	19		
75+	28	21	24	33	18	19		
Not stated	0	0	0	0	0	0		
25–64	57	58	50	56	47	42		
<b>All ages</b>	<b>113</b>	<b>107</b>	<b>102</b>	<b>122</b>	<b>89</b>	<b>82</b>		
<b>Age-specific rates (per million population)</b>								
<25	84	111	110	54	27	59	–15.8	60.8
25–34	717	596	384	837	542	293	–9.1	–49.9
35–44	1,136	1,706	1,783	1,706	1,362	1,018	–4.0	–38.4
45–54	3,411	3,786	3,644	3,509	3,643	3,597	0.2	–1.4
55–64	12,938	11,016	8,055	8,434	6,357	6,176	–14.4	13.2
65–74	20,576	21,183	20,619	27,027	18,312	14,371	–4.9	–33.8
75+	38,889	29,703	36,474	52,215	30,252	27,251	–3.2	–30.9
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,902	1,766	1,651	1,936	1,384	1,253		
Age std	4,933	4,583	4,587	5,818	3,926	3,379	–5.2 **	–25.6 **
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	2,610	2,558	2,130	2,307	1,876	1,634		
Age std	3,057	3,048	2,503	2,680	2,179	1,980	–8.3 **	–6.2 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.

**Total number of deaths**

**Indigenous  
Males and females**

*Total number of deaths classified by year and sex for causes of death which do not meet the criteria for a full mortality surveillance profile.*

**ICD-9:430–438**

**Cerebrovascular Disease**

**Total number of deaths; cause of death by sex, Indigenous population in South Australia, Western Australia and the Northern Territory, 1991–1996**

	Year					
	1991	1992	1993	1994	1995	1996
<b>Cerebrovascular disease (ICD-9: 430–438)</b>						
Males	27	24	21	31	28	19
Females	22	28	24	36	21	23

**Non-Indigenous population (SA, WA, NT)**

**Profiles with graph**

Ischaemic heart disease ..... 118

**Profiles without graph**

Acute myocardial infarction..... 120

Diseases of the circulatory system..... 121

**Total number of deaths only**

Cerebrovascular disease ..... 122

**ICD-9: 410–414  
Ischaemic heart disease**

**Non-Indigenous  
Males**

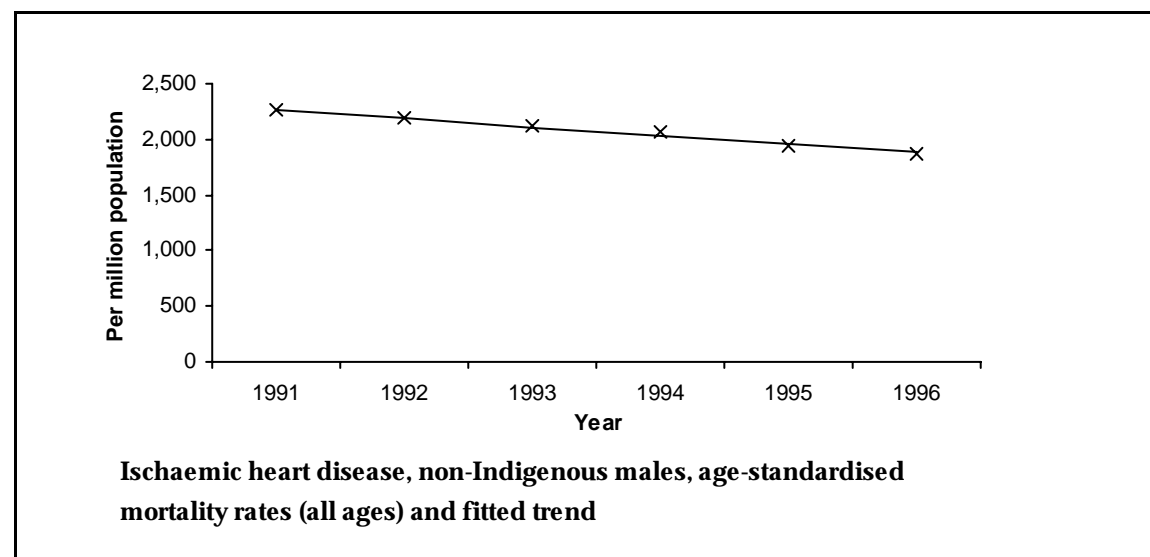
Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Deaths (number)</b>								
<25	0	1	1	0	1	2		
25–34	5	6	8	5	6	12		
35–44	39	39	56	32	52	44		
45–54	156	150	129	156	160	144		
55–64	428	403	375	342	306	313		
65–74	872	912	887	886	806	801		
75+	1,463	1,439	1,467	1,494	1,495	1,492		
Not stated	0	0	0	0	0	0		
25–64	628	598	568	535	524	513		
<b>All ages</b>	<b>2,963</b>	<b>2,950</b>	<b>2,923</b>	<b>2,915</b>	<b>2,826</b>	<b>2,808</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	2	2	0	2	3		
25–34	19	23	31	19	23	48	15.2	96.7
35–44	156	155	222	126	202	167	1.7	-13.1
45–54	892	812	668	775	764	664	-4.2	-5.5
55–64	3,253	3,050	2,819	2,543	2,246	2,255	-7.8 **	7.4
65–74	8,958	9,067	8,563	8,310	7,436	7,294	-4.6 *	-1.1
75+	28,110	26,761	26,598	26,511	25,370	24,120	-2.6 *	-3.5
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,888	1,861	1,831	1,809	1,735	1,704		
Age std	2,269	2,190	2,124	2,072	1,947	1,872	-3.7 **	-1.5
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	766	721	677	629	607	584		
Age std	693	653	614	569	542	527	-5.6 **	4.1

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p < 0.05, \*\*p < 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.



**ICD-9: 410–414  
Ischaemic heart disease**
**Non-Indigenous  
Females**

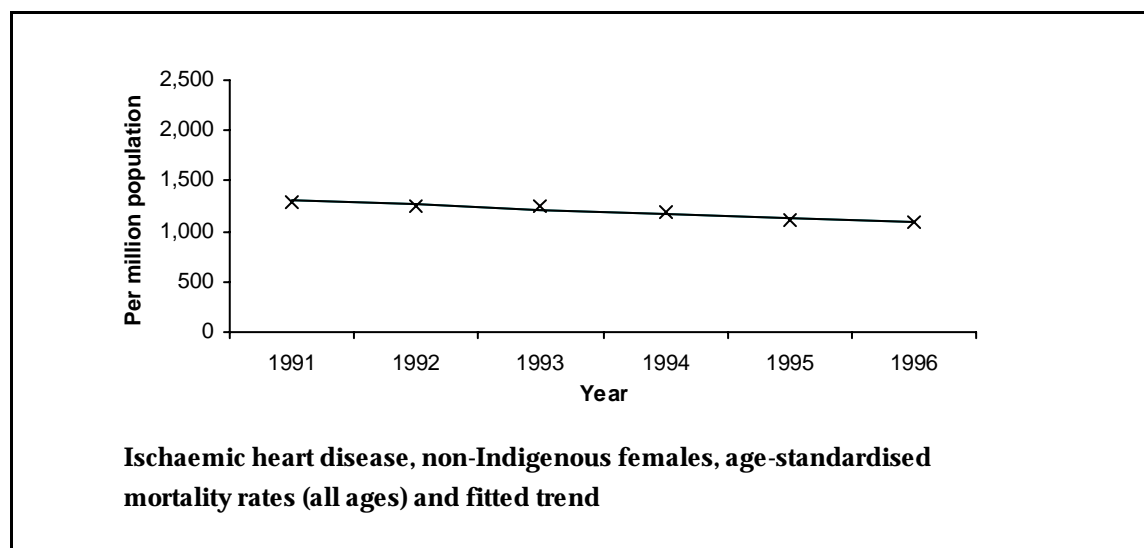
Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Deaths (number)</b>								
<25	0	1	0	0	0	0		
25–34	2	1	3	1	1	2		
35–44	7	6	4	5	10	10		
45–54	20	27	25	18	31	26		
55–64	122	116	109	88	70	87		
65–74	465	420	417	379	373	354		
75+	1,762	1,806	1,877	1,891	1,801	1,839		
Not stated	0	0	0	0	0	0		
25–64	151	150	141	112	112	126		
<b>All ages</b>	<b>2,378</b>	<b>2,377</b>	<b>2,435</b>	<b>2,382</b>	<b>2,286</b>	<b>2,318</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	2	0	0	0	0		
25–34	8	4	12	4	4	8		
35–44	29	24	16	20	39	40	11.6	28.2
45–54	121	155	137	95	156	125	–0.5	–8.0
55–64	948	898	838	667	523	642	–10.2 *	29.0
65–74	4,198	3,699	3,598	3,202	3,130	2,949	–6.7 *	3.8
75+	20,485	20,372	20,598	20,299	18,635	18,279	–2.4 *	–3.5
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,523	1,506	1,531	1,483	1,407	1,411		
Age std	1,295	1,253	1,248	1,187	1,103	1,085	–3.7 **	–0.3
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	190	186	173	135	133	147		
Age std	171	169	159	124	120	134	–7.0 **	22.7 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.



**ICD-9: 410**  
**Acute myocardial infarction**
**Non-Indigenous**  
**Males and females**

Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Males</b>								
<b>Deaths (number)</b>								
<25	0	0	1	0	0	1		
25–34	2	3	7	2	2	5		
35–44	20	24	26	17	31	16		
45–54	90	94	77	91	84	88		
55–64	264	275	238	178	178	154		
65–74	612	625	578	547	496	460		
75+	964	947	926	913	942	880		
Not stated	0	0	0	0	0	0		
25–64	376	396	348	288	295	263		
<b>All ages</b>	<b>1,952</b>	<b>1,968</b>	<b>1,853</b>	<b>1,748</b>	<b>1,733</b>	<b>1,604</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	0	2	0	0	2		
25–34	8	11	27	8	8	20	6.8	77.1
35–44	80	95	103	67	120	59	-2.1	-46.0
45–54	514	509	399	452	401	406	-5.0	7.6
55–64	2,006	2,081	1,789	1,323	1,307	1,114	-12.3 **	-2.3
65–74	6,287	6,214	5,580	5,131	4,576	4,192	-8.2 **	-2.9
75+	18,522	17,611	16,789	16,201	15,986	14,222	-4.6 **	-6.3
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,244	1,242	1,161	1,085	1,064	974		
Age std	1,498	1,460	1,347	1,246	1,199	1,073	-6.4 **	-4.4 *
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	459	477	415	339	342	300		
Age std	415	433	377	306	307	270	-9.2 **	-1.8
<b>Females</b>								
<b>Deaths (number)</b>								
<25	0	1	0	0	0	0		
25–34	2	0	2	1	0	1		
35–44	6	5	2	3	6	6		
45–54	15	20	13	8	18	19		
55–64	93	80	71	62	45	46		
65–74	308	285	290	262	265	220		
75+	1,160	1,180	1,143	1,154	1,091	1,069		
Not stated	0	0	0	0	0	0		
25–64	116	105	88	74	69	72		
<b>All ages</b>	<b>1,584</b>	<b>1,571</b>	<b>1,521</b>	<b>1,490</b>	<b>1,425</b>	<b>1,361</b>		
<b>Age-specific rates (per million population)</b>								
<25	0	2	0	0	0	0		
25–34	8	0	8	4	0	4		
35–44	25	20	8	12	23	24	2.0	62.3
45–54	91	115	71	42	91	91	-3.1	44.4
55–64	723	620	546	470	336	338	-15.1 *	8.8
65–74	2,781	2,510	2,502	2,213	2,224	1,835	-7.0 *	-10.5
75+	13,486	13,310	12,543	12,388	11,288	10,629	-4.7 **	-4.0
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	1,015	996	957	928	877	828		
Age std	864	830	783	746	691	637	-5.8 **	-3.7
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	146	130	108	89	82	84		
Age std	132	119	99	83	75	77	-11.8 **	20.8 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.

**ICD-9: 390–459  
Diseases of the circulatory system**
**Non-Indigenous  
Males and females**

Age group	1991	1992	1993	1994	1995	1996	Statistical tests	
							Trend	RD
<b>Males</b>								
<b>Deaths (number)</b>								
<25	8	9	9	6	7	9		
25–34	15	17	22	17	15	17		
35–44	62	63	72	42	82	75		
45–54	216	210	181	212	222	202		
55–64	562	562	515	476	448	443		
65–74	1,283	1,328	1,350	1,295	1,234	1,180		
75+	2,517	2,517	2,621	2,658	2,603	2,660		
Not stated	0	0	0	0	0	0		
25–64	855	852	790	747	767	735		
<b>All ages</b>	<b>4,663</b>	<b>4,706</b>	<b>4,770</b>	<b>4,706</b>	<b>4,611</b>	<b>4,585</b>		
<b>Age-specific rates (per million population)</b>								
<25	13	15	15	10	12	16	–0.7	45.8
25–34	57	65	85	65	58	64	–0.3	–3.9
35–44	248	251	285	165	318	286	3.1	5.5
45–54	1,235	1,137	937	1,054	1,061	928	–4.3	–4.1
55–64	4,271	4,254	3,872	3,539	3,289	3,192	–6.4 **	2.9
65–74	13,181	13,203	13,032	12,147	11,384	10,749	–4.3 **	–4.3
75+	48,361	46,809	47,521	47,165	44,173	42,994	–2.2 *	–3.2
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	2,972	2,969	2,988	2,920	2,830	2,782		
Age std	3,611	3,531	3,504	3,385	3,201	3,082	–3.1 **	–2.7 *
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	1,043	1,027	942	878	889	838		
Age std	942	929	854	794	796	755	–4.6 **	1.7
<b>Females</b>								
<b>Deaths (number)</b>								
<25	7	10	9	7	6	5		
25–34	5	8	7	5	9	9		
35–44	22	19	26	29	27	24		
45–54	50	64	50	54	60	57		
55–64	205	212	180	147	130	143		
65–74	758	705	693	652	660	619		
75+	3,495	3,640	3,786	3,762	3,728	3,827		
Not stated	0	0	0	0	0	0		
25–64	282	303	263	235	226	234		
<b>All ages</b>	<b>4,542</b>	<b>4,658</b>	<b>4,751</b>	<b>4,656</b>	<b>4,620</b>	<b>4,685</b>		
<b>Age-specific rates (per million population)</b>								
<25	12	18	16	12	11	9	–8.5	–19.0
25–34	19	31	27	20	35	37	9.8	10.0
35–44	90	77	104	115	106	92	3.1	–23.9
45–54	304	368	275	284	302	276	–3.1	–2.0
55–64	1,593	1,642	1,384	1,114	972	1,056	–10.5 **	19.6
65–74	6,844	6,209	5,980	5,508	5,539	5,162	–5.1 *	1.5
75+	40,633	41,059	41,547	40,383	38,573	38,045	–1.6 *	–2.4
<b>All ages: Crude and age-standardised rates (per million population)</b>								
Crude	2,909	2,952	2,988	2,899	2,845	2,851		
Age std	2,460	2,447	2,423	2,315	2,223	2,179	–2.6 **	–0.8
<b>Ages 25–64: Crude and age-standardised rates (per million population)</b>								
Crude	354	375	322	284	268	273		
Age std	320	341	293	257	241	248	–6.8 **	10.3 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

Note: Only includes data from Western Australia, South Australia and the Northern Territory.



**Total number of deaths**

**Non-Indigenous  
Males and Females**

**ICD 430–438**

**Cerebrovascular Disease**

**Total number of deaths; cause of death by sex, non-Indigenous population in South Australia, Western Australia and the Northern Territory, 1991–1996**

	Year					
	1991	1992	1993	1994	1995	1996
<b>Cerebrovascular disease (ICD-9: 430–438)</b>						
Males	817	842	928	915	955	881
Females	1,186	1,223	1,277	1,290	1,280	1,387

**Urban area**

**Profiles with graph**

Ischaemic heart disease ..... 124  
Cerebrovascular disease ..... 126

**Profiles without graph**

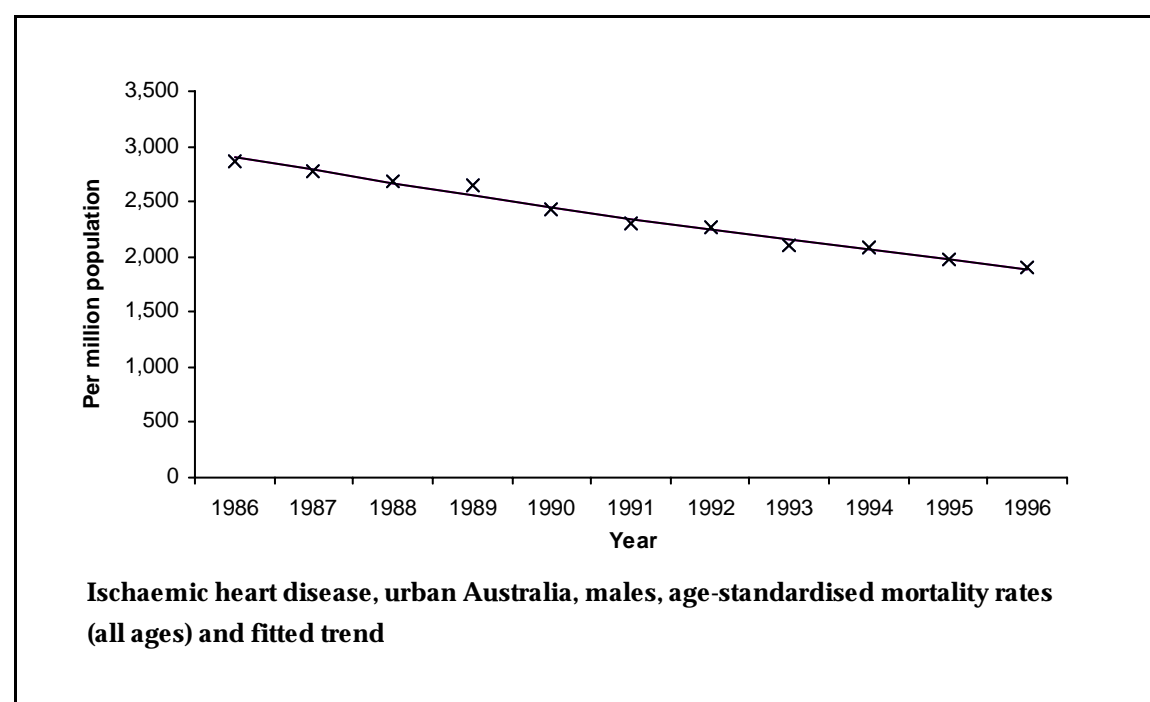
Acute myocardial infarction..... 128  
Diseases of the circulatory system..... 129

**ICD-9: 410–414  
Ischaemic heart disease**

**Urban  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	2	4	3	1	6	3	1	3	5	4	4			
25–34	35	40	41	31	26	31	30	20	31	29	34			
35–44	265	193	260	202	209	188	182	187	156	184	179			
45–54	780	765	736	698	631	599	601	571	553	593	582			
55–59	926	874	800	705	696	617	569	535	494	517	443			
60–64	1,495	1,377	1,294	1,233	1,126	1,049	1,018	886	796	721	741			
65–69	1,692	1,732	1,848	1,773	1,700	1,534	1,528	1,429	1,426	1,233	1,192			
70–74	2,170	2,171	2,106	2,101	1,888	1,812	1,882	1,902	1,852	1,856	1,782			
75–84	3,761	3,782	3,791	4,071	3,873	3,973	3,983	3,732	3,882	3,799	3,874			
85+	1,241	1,341	1,348	1,501	1,443	1,418	1,627	1,598	1,799	1,867	1,919			
Not stated	2	4	0	0	0	3	3	2	0	2	5			
25–74	7,363	7,152	7,085	6,743	6,276	5,830	5,810	5,530	5,308	5,133	4,953			
<b>All ages</b>	<b>12,369</b>	<b>12,283</b>	<b>12,227</b>	<b>12,316</b>	<b>11,598</b>	<b>11,227</b>	<b>11,424</b>	<b>10,865</b>	<b>10,994</b>	<b>10,805</b>	<b>10,755</b>			
<b>Age-specific rates (per million population)</b>														
<25	1	2	1	0	3	1	0	1	2	2	2	3.9	0.7	
25–34	37	42	42	31	25	30	29	19	30	28	32	-3.8	39.7	
35–44	318	225	294	223	227	201	193	198	163	189	181	-5.2 **	13.9	
45–54	1,347	1,287	1,203	1,098	956	874	836	763	713	737	698	-7.0 **	11.9	
55–59	3,401	3,254	3,024	2,704	2,711	2,412	2,187	2,008	1,808	1,832	1,520	-7.5 **	-7.1	
60–64	6,049	5,536	5,138	4,875	4,444	4,177	4,108	3,629	3,292	2,996	3,076	-6.9 **	6.6	
65–69	9,204	8,986	9,147	8,367	7,865	6,969	6,873	6,362	6,329	5,443	5,240	-5.8 **	-3.1	
70–74	15,042	14,789	14,352	14,360	12,582	11,522	11,447	11,064	10,244	10,023	9,407	-4.9 **	-0.1	
75–84	27,548	26,455	25,381	26,057	23,904	23,696	23,076	21,101	21,490	20,180	19,557	-3.4 **	-1.0	
85+	52,246	54,016	51,846	54,681	50,623	46,786	50,162	46,398	49,376	48,032	46,410	-1.4 **	-0.7	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	2,195	2,146	2,100	2,081	1,933	1,851	1,861	1,753	1,756	1,703	1,671			
Age std	2,866	2,775	2,683	2,657	2,437	2,294	2,274	2,099	2,077	1,972	1,897	-4.2 **	0.4	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	2,302	2,186	2,116	1,972	1,804	1,652	1,621	1,522	1,439	1,367	1,293			
Age std	2,435	2,322	2,267	2,130	1,947	1,770	1,730	1,613	1,513	1,433	1,362	-5.9 **	1.3	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



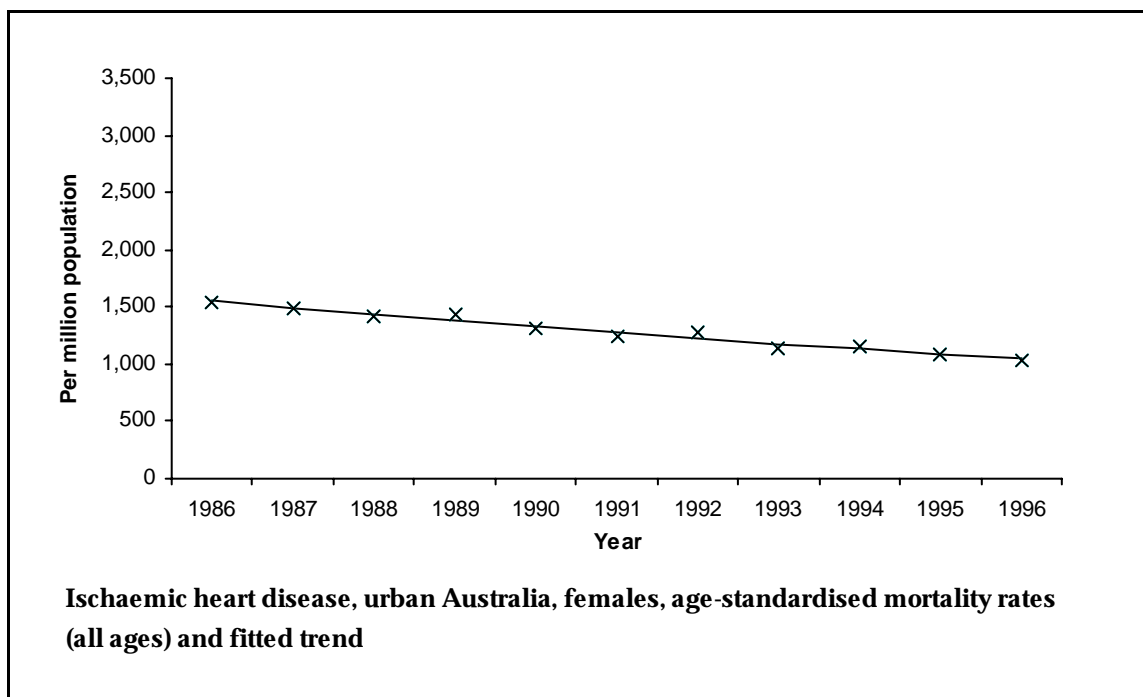
**ICD-9: 410–414  
Ischaemic heart disease**
**Urban  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	0	1	2	1	2	0	2	2	0	1	3			
25–34	9	10	6	7	8	8	8	12	7	6	10			
35–44	40	42	33	40	42	33	38	37	35	41	37			
45–54	193	178	140	152	113	105	118	113	100	121	116			
55–59	251	222	212	169	158	148	184	140	134	118	138			
60–64	531	451	411	414	379	340	336	294	266	254	233			
65–69	872	838	825	796	777	696	643	591	589	488	472			
70–74	1,393	1,382	1,358	1,277	1,212	1,151	1,131	1,085	1,019	1,012	953			
75–84	3,924	3,967	3,906	4,189	3,877	3,843	4,037	3,617	3,864	3,651	3,553			
85+	3,044	3,133	3,078	3,400	3,264	3,306	3,695	3,534	3,867	3,858	4,044			
Not stated	0	1	0	0	0	0	1	0	1	0	0			
25–74	3,289	3,123	2,985	2,855	2,689	2,481	2,458	2,272	2,150	2,040	1,959			
<b>All ages</b>	<b>10,257</b>	<b>10,225</b>	<b>9,971</b>	<b>10,445</b>	<b>9,832</b>	<b>9,630</b>	<b>10,193</b>	<b>9,425</b>	<b>9,882</b>	<b>9,550</b>	<b>9,559</b>			
<b>Age-specific rates (per million population)</b>														
<25	0	0	1	0	1	0	1	1	0	0	1			
25–34	10	10	6	7	8	8	8	12	7	6	9	–0.8	32.3	
35–44	49	50	38	44	45	35	40	39	36	41	37	–2.5	1.8	
45–54	348	312	238	249	178	159	170	156	132	153	141	–9.2 **	25.8	
55–59	945	846	819	660	624	588	716	532	497	426	484	–7.0 **	14.3	
60–64	2,011	1,711	1,557	1,574	1,449	1,309	1,315	1,173	1,072	1,026	942	–6.8 **	–0.7	
65–69	4,015	3,711	3,506	3,252	3,128	2,785	2,571	2,357	2,364	1,965	1,902	–7.2 **	–1.2	
70–74	7,344	7,201	7,073	6,708	6,267	5,716	5,424	5,020	4,513	4,401	4,089	–6.1 **	–2.2	
75–84	17,314	16,871	16,033	16,572	14,901	14,373	14,756	12,987	13,668	12,570	11,805	–3.6 **	–4.1	
85+	43,149	43,297	41,464	44,400	41,770	40,715	43,634	39,870	41,943	39,883	39,777	–0.8 **	–1.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,791	1,756	1,682	1,733	1,609	1,558	1,628	1,490	1,545	1,473	1,452			
Age std	1,542	1,491	1,414	1,435	1,320	1,250	1,277	1,145	1,156	1,079	1,039	–3.9 **	–1.3	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,014	941	879	823	762	692	675	615	573	533	502			
Age std	945	882	829	788	732	661	646	585	543	507	482	–6.6 **	–0.9	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

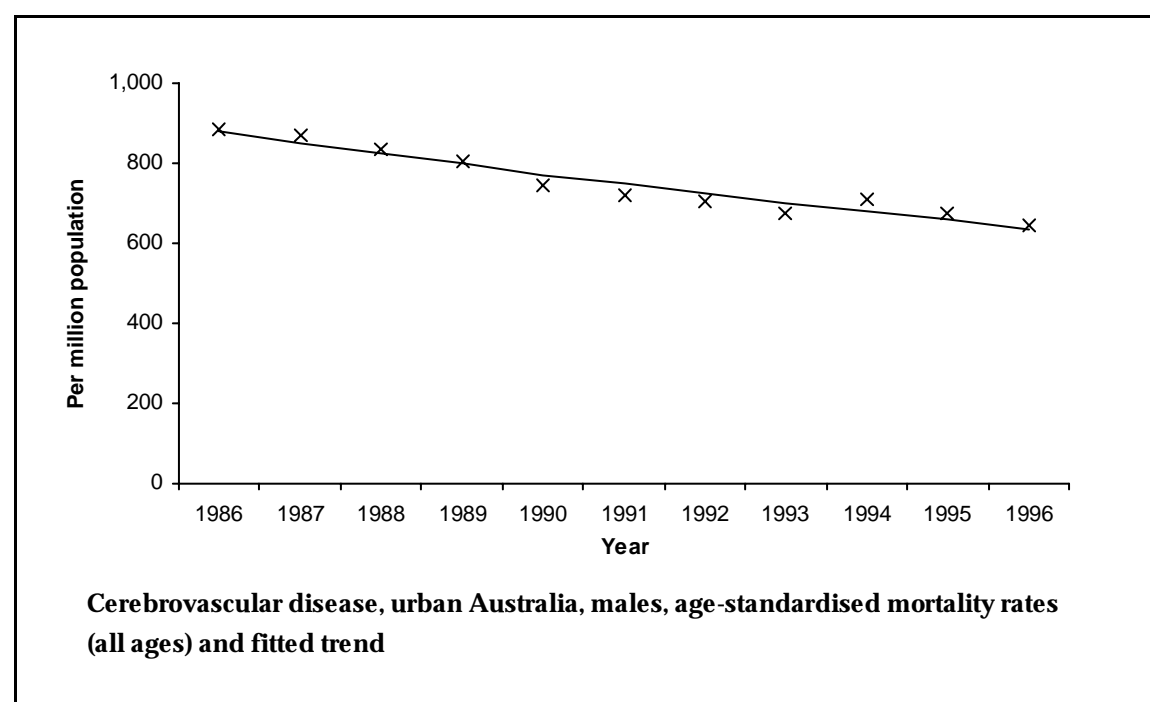


**ICD-9: 430–438  
Cerebrovascular disease**

**Urban  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	15	5	10	7	13	5	10	3	13	5	7			
25–34	25	13	11	22	21	19	13	15	19	12	10			
35–44	39	42	48	38	45	44	46	35	39	46	41			
45–54	112	114	91	88	110	100	89	91	78	91	105			
55–59	145	130	90	101	93	93	88	74	84	84	74			
60–64	246	218	229	194	218	187	157	163	152	144	120			
65–69	373	334	375	377	320	323	310	291	291	286	273			
70–74	575	586	538	521	512	436	486	499	499	506	492			
75–84	1,312	1,366	1,412	1,368	1,328	1,391	1,427	1,381	1,523	1,458	1,451			
85+	634	688	669	723	665	707	730	762	880	916	955			
Not stated	0	1	0	0	0	0	0	0	0	0	0			
25–74	1,515	1,437	1,382	1,341	1,319	1,202	1,189	1,168	1,162	1,169	1,115			
<b>All ages</b>	<b>3,476</b>	<b>3,497</b>	<b>3,473</b>	<b>3,439</b>	<b>3,325</b>	<b>3,305</b>	<b>3,356</b>	<b>3,314</b>	<b>3,578</b>	<b>3,548</b>	<b>3,528</b>			
<b>Age-specific rates (per million population)</b>														
<25	7	2	4	3	6	2	4	1	6	2	3	-4.8	7.8	
25–34	27	14	11	22	21	19	13	15	18	11	9	-5.2	-29.5	
35–44	47	49	54	42	49	47	49	37	41	47	41	-1.7	-2.2	
45–54	193	192	149	138	167	146	124	122	101	113	126	-5.3 **	27.6	
55–59	533	484	340	387	362	364	338	278	307	298	254	-6.1 **	-1.2	
60–64	995	876	909	767	860	745	633	668	629	598	498	-5.8 **	-10.7	
65–69	2,029	1,733	1,856	1,779	1,480	1,467	1,394	1,296	1,292	1,263	1,200	-5.1 **	5.1	
70–74	3,986	3,992	3,666	3,561	3,412	2,772	2,956	2,903	2,760	2,733	2,597	-4.5 **	4.3	
75–84	9,610	9,555	9,453	8,756	8,196	8,296	8,268	7,808	8,431	7,745	7,325	-2.5 **	-2.9	
85+	26,691	27,713	25,731	26,339	23,329	23,327	22,507	22,125	24,153	23,566	23,096	-1.7 **	4.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	617	611	597	581	554	545	547	535	572	559	548			
Age std	886	868	835	803	747	722	706	675	708	675	645	-3.2 **	1.8	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	474	439	413	392	379	341	332	321	315	311	291			
Age std	510	474	450	430	414	367	357	343	332	328	307	-5.0 **	3.1	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



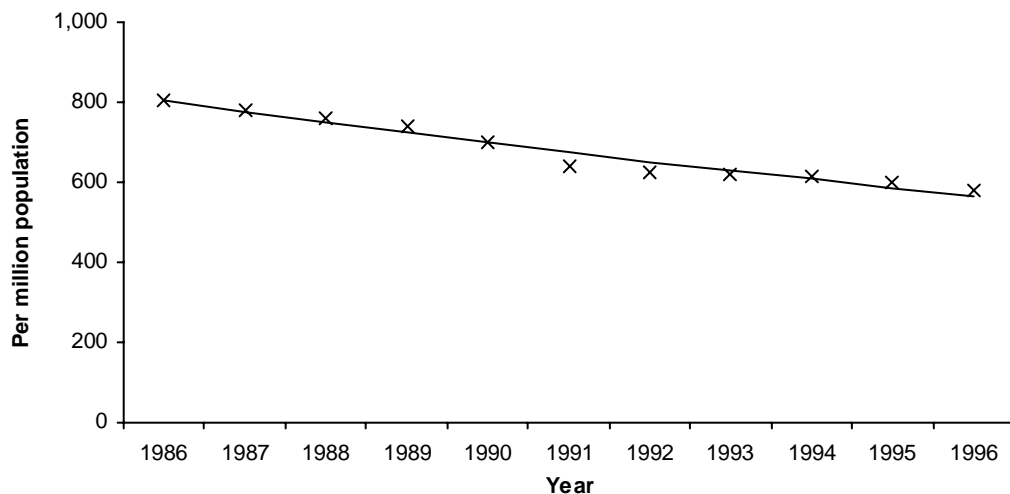
**ICD-9: 430–438  
Cerebrovascular disease**
**Urban  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	8	3	6	5	5	6	7	6	5	4	5			
25–34	14	18	19	13	10	13	12	12	8	12	7			
35–44	40	27	37	34	30	39	38	24	22	31	28			
45–54	93	82	82	82	76	89	88	73	74	65	78			
55–59	97	83	90	80	60	55	50	51	46	45	57			
60–64	161	168	172	150	119	112	128	95	98	85	94			
65–69	321	266	263	273	249	232	200	214	206	195				
70–74	574	509	515	480	437	405	378	405	407	457	392			
75–84	2,001	2,094	2,103	2,086	2,100	1,859	1,906	2,095	2,019	2,001	1,952			
85+	2,181	2,245	2,222	2,307	2,295	2,264	2,317	2,332	2,548	2,578	2,670			
Not stated	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,300	1,153	1,178	1,112	981	945	916	860	869	901	851			
<b>All ages</b>	<b>5,490</b>	<b>5,495</b>	<b>5,509</b>	<b>5,510</b>	<b>5,381</b>	<b>5,074</b>	<b>5,146</b>	<b>5,293</b>	<b>5,441</b>	<b>5,484</b>	<b>5,478</b>			
<b>Age-specific rates (per million population)</b>														
<25	4	1	3	2	2	3	3	3	2	2	2	-2.1	0.4	
25–34	15	19	19	13	10	13	12	12	8	11	7	-7.6 *	-25.1	
35–44	49	32	42	38	32	41	40	25	23	31	28	-4.8 *	4.9	
45–54	168	144	140	134	120	135	127	101	98	82	95	-5.8 **	10.1	
55–59	365	316	348	312	237	218	195	194	171	163	200	-8.0 **	40.7	
60–64	610	637	652	570	455	431	501	379	395	343	380	-6.3 **	14.5	
65–69	1,478	1,178	1,118	1,115	1,003	928	888	798	859	830	786	-5.6 **	10.1	
70–74	3,026	2,652	2,682	2,521	2,260	2,011	1,813	1,874	1,802	1,987	1,682	-5.5 **	3.3	
75–84	8,829	8,905	8,632	8,252	8,071	6,953	6,967	7,522	7,142	6,889	6,486	-3.1 **	-1.1	
85+	30,916	31,025	29,933	30,127	29,369	27,882	27,361	26,309	27,637	26,651	26,262	-1.8 **	1.6	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	958	943	929	914	881	821	822	837	851	846	832			
Age std	804	779	761	738	701	640	627	622	617	600	578	-3.4 **	2.6	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	401	348	347	321	278	264	251	233	231	236	218			
Age std	375	326	329	308	268	253	242	221	218	222	209	-5.9 **	9.2 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**Cerebrovascular disease, urban Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 410**  
**Acute myocardial infarction**
**Urban**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	1	1	3	0	4	1	1	1	1	1	2		
25–34	25	23	23	14	12	15	15	10	11	14	15		
35–44	190	132	158	116	125	108	98	103	76	87	77		
45–54	537	498	487	443	409	361	349	303	313	310	324		
55–59	650	576	512	466	426	395	349	304	272	292	224		
60–64	1,105	951	874	818	743	675	649	534	471	411	435		
65–69	1,259	1,221	1,251	1,198	1,137	1,019	974	906	878	734	713		
70–74	1,583	1,579	1,486	1,412	1,267	1,209	1,239	1,186	1,185	1,162	1,084		
75–84	2,659	2,634	2,657	2,724	2,628	2,632	2,622	2,402	2,436	2,353	2,395		
85+	777	821	843	949	906	907	978	927	1,072	1,116	1,105		
Not stated	1	1	0	0	0	1	2	0	0	0	1		
25–74	5,349	4,980	4,791	4,467	4,119	3,782	3,673	3,346	3,206	3,010	2,872		
<b>All ages</b>	<b>8,787</b>	<b>8,437</b>	<b>8,294</b>	<b>8,140</b>	<b>7,657</b>	<b>7,323</b>	<b>7,276</b>	<b>6,676</b>	<b>6,715</b>	<b>6,480</b>	<b>6,375</b>		
<b>Age-specific rates (per million population)</b>													
<25	0	0	1	0	2	0	0	0	0	0	1		
25–34	27	24	23	14	12	15	15	10	11	13	14	-8.0 **	61.4
35–44	228	154	179	128	136	115	104	109	80	90	78	-9.5 **	7.8
45–54	927	838	796	697	620	527	486	405	404	385	389	-9.5 **	20.9 *
55–59	2,387	2,144	1,936	1,787	1,660	1,544	1,341	1,141	996	1,035	769	-9.9 **	-13.7
60–64	4,471	3,823	3,471	3,234	2,932	2,688	2,619	2,187	1,948	1,708	1,806	-9.0 **	11.0
65–69	6,849	6,335	6,192	5,653	5,260	4,630	4,381	4,034	3,897	3,240	3,134	-7.7 **	-1.7
70–74	10,973	10,756	10,127	9,650	8,444	7,688	7,536	6,899	6,555	6,275	5,722	-6.6 **	-0.0
75–84	19,477	18,425	17,789	17,435	16,220	15,698	15,191	13,581	13,485	12,499	12,090	-4.7 **	-0.5
85+	32,712	33,070	32,423	34,572	31,784	29,926	30,153	26,916	29,422	28,711	26,724	-2.2 **	-3.2
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,560	1,474	1,425	1,375	1,276	1,207	1,185	1,077	1,073	1,021	990		
Age std	2,017	1,895	1,815	1,752	1,606	1,497	1,446	1,290	1,270	1,185	1,126	-5.8 **	0.8
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	1,672	1,522	1,431	1,306	1,184	1,072	1,025	921	869	801	750		
Age std	1,771	1,621	1,537	1,413	1,280	1,150	1,096	978	916	842	792	-7.9 **	2.4
<b>Females</b>													
<b>Deaths (number)</b>													
<25	0	1	1	1	2	0	2	2	0	0	1		
25–34	5	6	4	5	6	6	3	8	6	3	6		
35–44	18	28	20	29	30	21	25	20	23	19	17		
45–54	135	115	97	104	77	73	67	62	49	64	73		
55–59	178	163	148	122	113	95	121	89	89	74	88		
60–64	390	318	281	303	271	243	221	188	181	168	144		
65–69	648	592	618	554	573	465	436	411	399	322	317		
70–74	1,015	1,009	966	939	868	813	778	732	668	667	614		
75–84	2,791	2,798	2,736	2,791	2,693	2,660	2,724	2,367	2,562	2,361	2,243		
85+	1,935	1,867	1,862	2,054	1,988	1,959	2,146	2,027	2,230	2,199	2,254		
Not stated	0	0	0	0	0	0	0	0	0	0	0		
25–74	2,389	2,231	2,134	2,056	1,938	1,716	1,651	1,510	1,415	1,317	1,259		
<b>All ages</b>	<b>7,115</b>	<b>6,897</b>	<b>6,733</b>	<b>6,902</b>	<b>6,621</b>	<b>6,335</b>	<b>6,523</b>	<b>5,906</b>	<b>6,207</b>	<b>5,877</b>	<b>5,757</b>		
<b>Age-specific rates (per million population)</b>													
<25	0	0	0	0	1	0	1	1	0	0	0		
25–34	5	6	4	5	6	6	3	8	6	3	6	-0.7	19.2
35–44	22	33	23	32	32	22	26	21	24	19	17	-4.1	-20.6
45–54	243	202	165	170	121	111	97	85	65	81	89	-11.6 **	56.0 *
55–59	670	622	572	477	446	377	471	338	330	267	309	-8.4 **	16.9
60–64	1,477	1,207	1,065	1,152	1,036	935	865	750	730	678	582	-8.0 **	-5.7
65–69	2,984	2,621	2,626	2,263	2,307	1,861	1,743	1,639	1,602	1,297	1,277	-8.2 **	0.8
70–74	5,351	5,257	5,031	4,932	4,489	4,037	3,731	3,387	2,958	2,900	2,634	-7.3 **	-3.8
75–84	12,315	11,899	11,231	11,041	10,350	9,948	9,957	8,499	9,063	8,129	7,453	-4.6 **	-6.3 *
85+	27,429	25,802	25,083	26,823	25,441	24,126	25,342	22,868	24,188	22,733	22,170	-1.8 **	-2.3
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,242	1,184	1,136	1,145	1,084	1,025	1,042	933	971	906	874		
Age std	1,076	1,013	962	956	896	829	824	724	734	671	633	-5.1 **	-2.6 *
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	737	672	629	593	549	479	453	409	377	344	323		
Age std	686	629	593	567	527	457	433	388	358	327	309	-7.8 **	0.5

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Urban**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	60	44	42	46	56	39	36	32	40	39	41		
25–34	90	81	85	92	82	84	71	64	86	69	82		
35–44	350	293	376	310	308	294	295	280	248	294	276		
45–54	1,034	1,012	976	902	900	822	830	788	779	816	849		
55–59	1,234	1,170	1,024	947	892	831	786	723	697	712	653		
60–64	2,006	1,852	1,785	1,685	1,606	1,487	1,415	1,250	1,138	1,056	1,038		
65–69	2,429	2,440	2,589	2,555	2,412	2,249	2,203	2,112	2,120	1,856	1,777		
70–74	3,227	3,310	3,154	3,099	2,880	2,702	2,834	2,917	2,863	2,877	2,739		
75–84	6,192	6,221	6,339	6,674	6,391	6,568	6,665	6,355	6,645	6,437	6,574		
85+	2,515	2,687	2,688	2,895	2,761	2,822	3,063	3,138	3,474	3,614	3,729		
Not stated	3	8	2	0	0	3	3	2	2	2	5		
25–74	10,370	10,158	9,989	9,590	9,080	8,469	8,434	8,134	7,931	7,680	7,414		
<b>All ages</b>	<b>19,140</b>	<b>19,118</b>	<b>19,060</b>	<b>19,205</b>	<b>18,288</b>	<b>17,901</b>	<b>18,201</b>	<b>17,661</b>	<b>18,092</b>	<b>17,772</b>	<b>17,763</b>		
<b>Age-specific rates (per million population)</b>													
<25	26	19	18	20	24	17	15	14	17	17	17	–3.9 *	22.1
25–34	96	84	86	91	80	82	69	62	83	66	78	–2.7 *	18.1
35–44	420	342	425	342	334	314	314	296	259	303	279	–4.0 **	6.3
45–54	1,786	1,702	1,595	1,419	1,363	1,199	1,155	1,053	1,004	1,014	1,019	–6.2 **	15.4 **
55–59	4,532	4,356	3,871	3,632	3,475	3,248	3,021	2,714	2,551	2,523	2,241	–6.8 **	–1.3
60–64	8,117	7,445	7,088	6,663	6,339	5,921	5,709	5,120	4,706	4,388	4,309	–6.2 **	2.1
65–69	13,214	12,660	12,815	12,057	11,159	10,218	9,910	9,403	9,409	8,194	7,811	–5.2 **	–3.7
70–74	22,369	22,547	21,494	21,180	19,193	17,181	17,238	16,969	15,836	15,537	14,458	–4.6 **	–0.7
75–84	45,355	43,515	42,440	42,717	39,444	39,173	38,615	35,932	36,785	34,192	33,187	–3.0 **	–1.6
85+	105,881	108,233	103,385	105,464	96,860	93,111	94,435	91,112	95,348	92,977	90,184	–1.7 **	1.1
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	3,397	3,340	3,274	3,245	3,048	2,951	2,965	2,850	2,890	2,801	2,760		
Age std	4,586	4,454	4,311	4,246	3,927	3,738	3,686	3,473	3,467	3,287	3,168	–3.7 **	0.4
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	3,242	3,105	2,984	2,804	2,609	2,400	2,353	2,239	2,150	2,045	1,935		
Age std	3,442	3,309	3,206	3,037	2,823	2,574	2,513	2,375	2,261	2,147	2,037	–5.3 **	0.8
<b>Females</b>													
<b>Deaths (number)</b>													
<25	33	18	27	25	21	30	39	27	22	26	25		
25–34	46	48	50	37	46	42	37	40	32	35	30		
35–44	111	109	103	108	93	104	109	93	101	108	99		
45–54	368	324	274	310	262	255	272	251	234	245	252		
55–59	429	376	366	306	279	249	305	252	239	228	249		
60–64	830	735	712	682	618	549	596	494	465	426	419		
65–69	1,399	1,303	1,307	1,295	1,243	1,157	1,084	1,003	1,002	855	832		
70–74	2,334	2,233	2,211	2,118	1,985	1,897	1,880	1,808	1,793	1,773	1,674		
75–84	7,280	7,513	7,421	7,770	7,417	7,048	7,387	7,158	7,323	7,093	6,957		
85+	7,115	7,304	7,291	7,828	7,500	7,488	8,078	7,884	8,465	8,496	8,910		
Not stated	0	2	0	0	0	0	1	0	1	0	0		
25–74	5,517	5,128	5,023	4,856	4,526	4,253	4,283	3,941	3,866	3,670	3,555		
<b>All ages</b>	<b>19,945</b>	<b>19,965</b>	<b>19,762</b>	<b>20,479</b>	<b>19,464</b>	<b>18,819</b>	<b>19,788</b>	<b>19,010</b>	<b>19,677</b>	<b>19,285</b>	<b>19,447</b>		
<b>Age-specific rates (per million population)</b>													
<25	15	8	12	11	9	13	17	12	10	11	11	–0.4	–8.0
25–34	49	50	51	37	45	41	36	39	31	34	28	–5.2 **	–8.6
35–44	136	129	118	120	101	110	115	97	104	109	98	–2.7 *	0.7
45–54	663	568	467	508	413	387	392	346	309	310	306	–7.4 **	13.8
55–59	1,616	1,434	1,414	1,195	1,101	989	1,187	958	886	824	873	–6.3 **	13.1
60–64	3,144	2,789	2,698	2,593	2,362	2,113	2,333	1,970	1,874	1,720	1,695	–5.9 **	2.4
65–69	6,442	5,770	5,554	5,291	5,005	4,630	4,335	4,000	4,022	3,443	3,353	–6.1 **	–0.5
70–74	12,304	11,635	11,516	11,125	10,265	9,420	9,016	8,365	7,940	7,710	7,182	–5.4 **	–0.6
75–84	32,122	31,951	30,462	30,738	28,507	26,360	27,002	25,700	25,904	24,421	23,116	–3.2 **	–2.3
85+	100,855	100,940	98,218	102,225	95,978	92,219	95,392	88,946	91,815	87,830	87,638	–1.6 **	0.5
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	3,482	3,428	3,334	3,398	3,186	3,044	3,160	3,005	3,077	2,974	2,954		
Age std	2,954	2,866	2,760	2,774	2,575	2,409	2,449	2,275	2,272	2,148	2,083	–3.5 **	0.0
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	1,701	1,546	1,480	1,400	1,283	1,187	1,176	1,066	1,030	960	911		
Age std	1,589	1,450	1,399	1,343	1,235	1,136	1,128	1,016	976	912	875	–5.8 **	1.6

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**Rural area**

**Profiles with graph**

Ischaemic heart disease ..... 132  
Cerebrovascular disease ..... 134

**Profiles without graph**

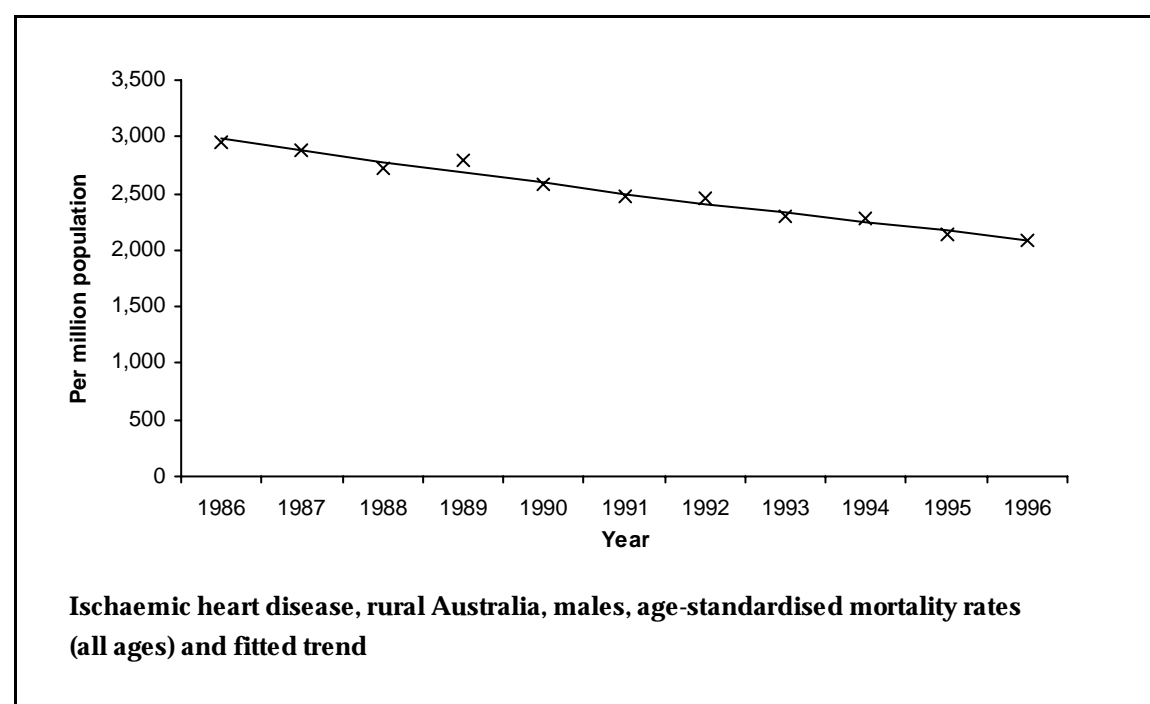
Acute myocardial infarction..... 136  
Diseases of the circulatory system..... 137

**ICD-9: 410–414  
Ischaemic heart disease**

**Rural  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	3	5	0	0	0	4	2	1	1	4	0			
25–34	5	12	10	10	15	8	15	14	16	16	15			
35–44	110	107	105	95	93	95	85	75	70	80	71			
45–54	330	308	282	282	268	269	281	241	275	229	235			
55–59	362	362	330	333	299	239	245	247	200	238	232			
60–64	590	548	542	579	511	501	461	433	394	405	371			
65–69	781	767	750	741	762	716	696	688	682	646	608			
70–74	892	963	895	904	833	904	896	843	830	830	786			
75–84	1,621	1,658	1,627	1,788	1,756	1,766	1,818	1,748	1,854	1,708	1,765			
85+	552	556	568	669	623	639	720	756	814	820	887			
Not stated	0	1	0	0	0	0	0	0	0	0	0			
25–74	3,070	3,067	2,914	2,944	2,781	2,732	2,679	2,541	2,467	2,444	2,318			
<b>All ages</b>	<b>5,246</b>	<b>5,287</b>	<b>5,109</b>	<b>5,401</b>	<b>5,160</b>	<b>5,141</b>	<b>5,219</b>	<b>5,046</b>	<b>5,136</b>	<b>4,976</b>	<b>4,970</b>			
<b>Age-specific rates (per million population)</b>														
<25	3	6	0	0	0	5	2	1	1	5	0			
25–34	16	37	30	30	45	24	45	43	49	50	47	7.3 *	-15.3	
35–44	386	362	342	299	284	282	249	217	199	224	195	-6.8 **	4.4	
45–54	1,623	1,478	1,318	1,265	1,150	1,104	1,093	893	977	784	777	-6.9 **	0.8	
55–59	3,582	3,607	3,315	3,352	3,011	2,376	2,381	2,334	1,835	2,115	1,998	-6.8 **	10.4	
60–64	6,150	5,598	5,402	5,638	4,860	4,713	4,366	4,134	3,775	3,901	3,573	-5.3 **	0.5	
65–69	10,208	9,559	8,911	8,348	8,344	7,638	7,241	6,985	6,808	6,364	5,927	-5.0 **	-1.5	
70–74	14,627	15,534	14,452	14,585	13,035	13,445	12,686	11,352	10,590	10,361	9,614	-4.6 **	-5.2	
75–84	27,582	27,076	25,546	26,819	25,347	24,615	24,648	23,151	24,085	21,481	21,314	-2.4 **	-3.0	
85+	53,780	51,895	51,024	56,956	50,882	48,917	51,539	50,793	51,689	49,078	50,198	-0.7	1.3	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	2,532	2,520	2,400	2,489	2,333	2,284	2,289	2,190	2,204	2,116	2,094			
Age std	2,956	2,883	2,719	2,798	2,583	2,484	2,451	2,299	2,278	2,139	2,081	-3.5 **	-0.8	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	2,681	2,623	2,439	2,402	2,214	2,128	2,050	1,913	1,826	1,784	1,668			
Age std	2,564	2,499	2,327	2,294	2,111	2,012	1,918	1,766	1,666	1,623	1,513	-5.3 **	-1.0	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



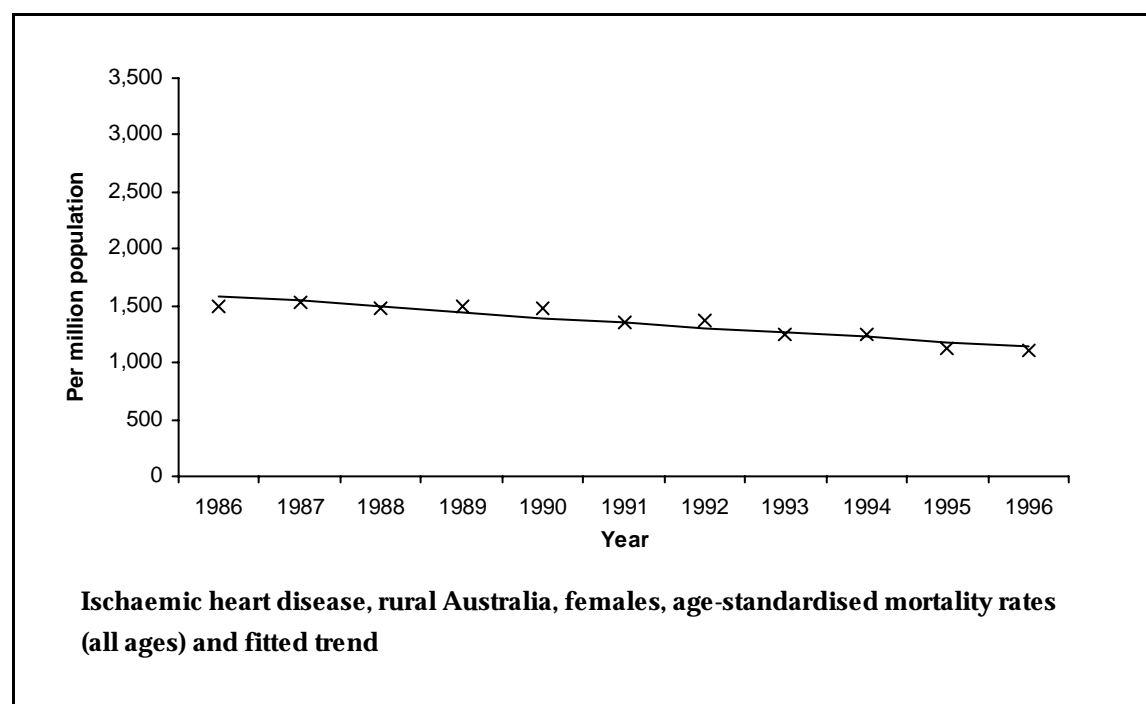
**ICD-9: 410–414  
Ischaemic heart disease**
**Rural  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	0	1	0	0	0	0	0	0	1	1	0			
25–34	4	3	2	5	2	4	2	4	2	4	2			
35–44	13	17	13	10	17	12	23	16	17	16	19			
45–54	67	64	68	63	62	55	62	50	63	55	38			
55–59	112	112	86	88	72	78	71	76	65	51	52			
60–64	203	177	189	181	193	150	150	148	132	115	111			
65–69	352	348	308	304	344	288	275	271	237	245	211			
70–74	541	549	512	550	544	505	474	480	449	430	394			
75–84	1,299	1,438	1,462	1,499	1,551	1,504	1,650	1,517	1,574	1,395	1,463			
85+	882	973	1,019	1,137	1,156	1,154	1,290	1,239	1,411	1,428	1,521			
Not stated	0	0	0	0	0	0	0	0	0	0	2			
25–74	1,292	1,270	1,178	1,201	1,234	1,092	1,057	1,045	965	916	827			
<b>All ages</b>	<b>3,473</b>	<b>3,682</b>	<b>3,659</b>	<b>3,837</b>	<b>3,941</b>	<b>3,750</b>	<b>3,997</b>	<b>3,801</b>	<b>3,951</b>	<b>3,740</b>	<b>3,813</b>			
<b>Age-specific rates (per million population)</b>														
<25	0	1	0	0	0	0	0	0	1	1	0			
25–34	13	9	6	15	6	12	6	12	6	12	6	-2.6	-32.1	
35–44	48	61	45	33	54	37	70	47	49	45	53	0.4	7.2	
45–54	347	323	334	297	279	237	254	196	237	199	133	-7.3 **	-29.4	
55–59	1,154	1,157	891	909	738	790	702	730	606	464	460	-8.5 **	-6.3	
60–64	2,091	1,807	1,904	1,798	1,890	1,452	1,459	1,451	1,295	1,124	1,084	-6.1 **	-5.9	
65–69	4,298	4,088	3,473	3,280	3,629	2,999	2,822	2,735	2,376	2,445	2,093	-6.5 **	-5.2	
70–74	7,700	7,695	7,150	7,682	7,415	6,563	5,927	5,768	5,150	4,850	4,400	-5.6 **	-9.4	
75–84	16,276	17,241	16,795	16,407	16,280	15,213	16,159	14,463	14,671	12,647	12,815	-2.8 **	-5.1	
85+	38,339	40,977	41,697	44,690	44,077	41,883	43,708	39,198	42,059	40,050	40,229	-0.2	-3.1	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,704	1,781	1,743	1,792	1,805	1,685	1,771	1,665	1,709	1,602	1,616			
Age std	1,500	1,536	1,476	1,489	1,480	1,349	1,373	1,253	1,244	1,130	1,101	-3.2 **	-5.4 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,150	1,105	1,001	994	996	860	818	795	722	676	601			
Age std	1,004	967	881	881	886	760	721	693	623	583	521	-6.0 **	-8.7 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

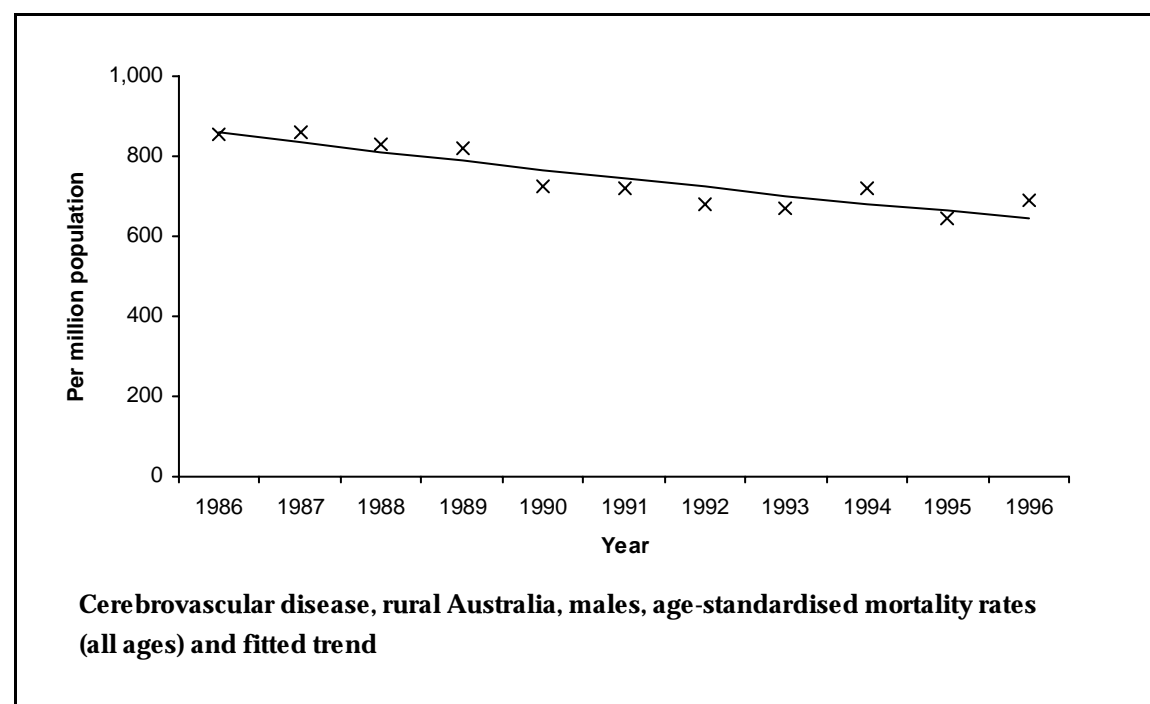


**ICD-9: 430–438  
Cerebrovascular disease**

**Rural  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	5	3	9	7	4	1	3	2	4	1	4			
25–34	9	3	12	12	2	13	6	6	4	4	8			
35–44	21	19	15	23	16	20	17	17	17	19	16			
45–54	47	52	29	34	54	33	41	39	40	48	43			
55–59	61	58	44	52	45	50	40	30	43	35	44			
60–64	83	105	71	90	84	82	72	64	89	67	76			
65–69	157	145	127	168	121	140	148	119	109	118	142			
70–74	224	221	229	225	174	202	176	212	210	207	190			
75–84	556	587	633	597	588	601	602	586	646	588	662			
85+	248	272	277	287	271	273	279	329	391	362	407			
Not stated	0	0	0	0	0	0	0	0	0	0	0			
25–74	602	603	527	604	496	540	500	487	512	498	519			
<b>All ages</b>	<b>1,411</b>	<b>1,465</b>	<b>1,446</b>	<b>1,495</b>	<b>1,359</b>	<b>1,415</b>	<b>1,384</b>	<b>1,404</b>	<b>1,553</b>	<b>1,449</b>	<b>1,592</b>			
<b>Age-specific rates (per million population)</b>														
<25	6	4	10	8	5	1	3	2	5	1	5	-9.2	122.4	
25–34	28	9	37	36	6	39	18	18	12	12	25	-4.1	69.2	
35–44	74	64	49	72	49	59	50	49	48	53	44	-3.8	-4.6	
45–54	231	250	135	152	232	135	159	145	142	164	142	-4.3 *	5.7	
55–59	604	578	442	523	453	497	389	284	394	311	379	-5.7 **	26.5	
60–64	865	1,073	708	876	799	771	682	611	853	645	732	-2.9 *	13.5	
65–69	2,052	1,807	1,509	1,893	1,325	1,493	1,540	1,208	1,088	1,162	1,384	-4.9 **	31.5 *	
70–74	3,673	3,565	3,698	3,630	2,723	3,004	2,492	2,855	2,679	2,584	2,324	-4.5 **	-2.7	
75–84	9,461	9,586	9,939	8,955	8,488	8,377	8,162	7,761	8,392	7,395	7,994	-2.4 **	8.4	
85+	24,162	25,387	24,883	24,434	22,133	20,899	19,971	22,104	24,829	21,666	23,033	-0.9	7.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	681	698	679	689	614	629	607	609	666	616	671			
Age std	854	862	831	819	724	721	679	672	721	647	688	-2.8 **	10.1 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	526	516	441	493	395	421	383	367	379	364	373			
Age std	506	492	424	474	378	400	358	339	345	330	339	-4.5 **	12.0 **	

Trend: Estimated annual change (%).  
RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
Significance level: \*p < 0.05, \*\*p < 0.01.



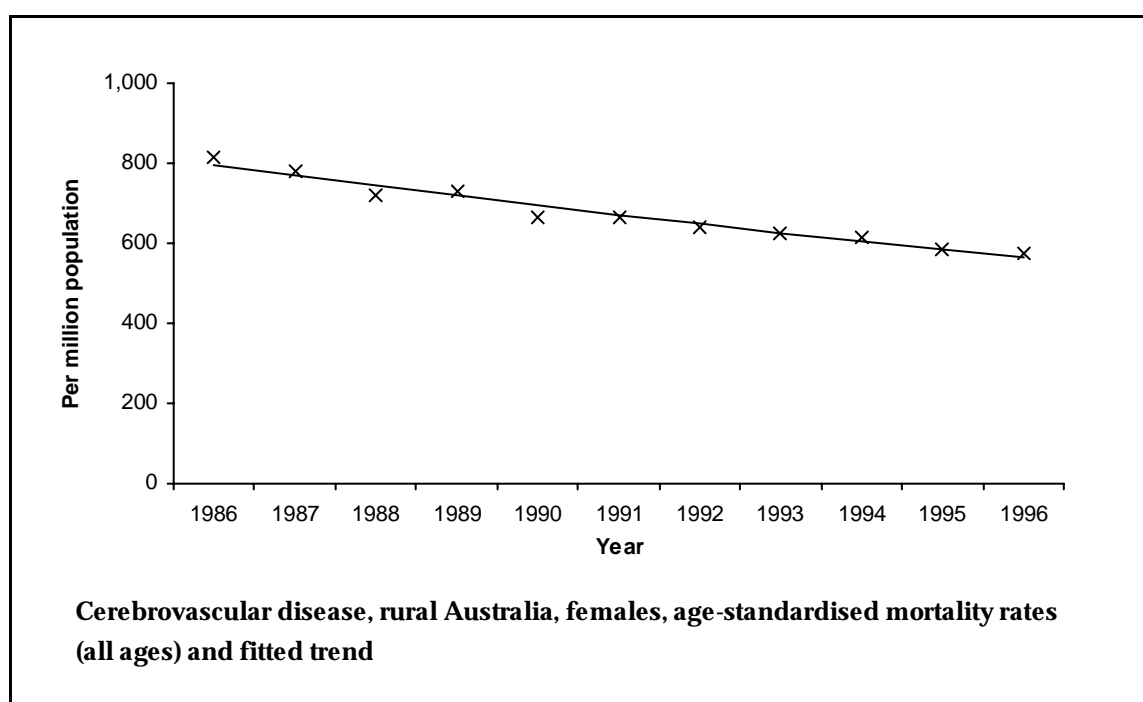
**ICD-9: 430–438  
Cerebrovascular disease**
**Rural  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	4	1	5	1	4	4	4	2	5	2	1			
25–34	4	7	12	4	7	3	6	4	3	6	7			
35–44	17	16	14	25	13	16	9	18	21	17	14			
45–54	37	39	31	34	32	30	40	37	24	35	33			
55–59	39	41	25	39	33	35	34	24	24	21	20			
60–64	87	56	58	47	57	54	46	46	36	38	35			
65–69	124	85	108	120	86	108	96	86	85	89	90			
70–74	228	214	176	184	185	163	158	190	171	168	165			
75–84	712	715	716	691	717	757	748	735	779	739	761			
85+	657	724	655	763	665	710	750	791	865	864	901			
Not stated	0	0	0	0	0	0	0	0	0	0	0			
25–74	536	458	424	453	413	409	389	405	364	374	364			
<b>All ages</b>	<b>1,909</b>	<b>1,898</b>	<b>1,800</b>	<b>1,908</b>	<b>1,799</b>	<b>1,880</b>	<b>1,891</b>	<b>1,933</b>	<b>2,013</b>	<b>1,979</b>	<b>2,027</b>			
<b>Age-specific rates (per million population)</b>														
<25	5	1	6	1	5	5	5	2	6	2	1	-3.0	-69.7	
25–34	13	22	37	12	21	9	18	12	9	18	22	-3.0	76.3	
35–44	63	57	48	83	41	49	27	53	61	48	39	-3.2	-15.5	
45–54	192	197	152	160	144	129	164	145	90	127	115	-5.2 *	5.5	
55–59	402	424	259	403	338	355	336	231	224	191	177	-7.4 **	-15.4	
60–64	896	572	584	467	558	523	447	451	353	372	342	-7.7 **	5.5	
65–69	1,514	998	1,218	1,295	907	1,125	985	868	852	888	893	-4.6 **	12.7	
70–74	3,245	3,000	2,458	2,570	2,522	2,119	1,976	2,283	1,961	1,895	1,843	-5.2 **	5.9	
75–84	8,921	8,572	8,225	7,563	7,526	7,657	7,325	7,007	7,261	6,700	6,666	-2.7 **	1.6	
85+	28,559	30,491	26,803	29,990	25,356	25,769	25,412	25,025	25,784	24,232	23,830	-2.1 **	0.2	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	937	918	858	891	824	845	838	847	871	848	859			
Age std	816	780	719	731	667	667	639	624	617	586	575	-3.4 **	2.5	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	477	398	360	375	333	322	301	308	272	276	264			
Age std	420	352	322	338	300	288	268	271	236	240	231	-5.4 **	6.4 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**ICD-9: 410**  
**Acute myocardial infarction**
**Rural**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	3	1	0	0	0	3	1	1	1	3	0		
25–34	4	12	8	7	8	3	13	7	10	10	9		
35–44	89	76	75	67	67	74	55	51	46	45	46		
45–54	259	229	212	197	178	197	192	167	197	148	164		
55–59	290	271	251	246	225	164	173	187	130	155	168		
60–64	438	421	418	449	380	346	332	302	265	274	241		
65–69	587	574	566	553	565	528	493	477	483	444	393		
70–74	667	733	655	662	585	639	611	567	529	570	480		
75–84	1,155	1,165	1,139	1,245	1,192	1,196	1,217	1,144	1,185	1,088	1,096		
85+	352	337	331	425	390	364	420	429	434	460	482		
Not stated	0	0	0	0	0	0	0	0	0	0	0		
25–74	2,334	2,316	2,185	2,181	2,008	1,951	1,869	1,758	1,660	1,646	1,501		
<b>All ages</b>	<b>3,844</b>	<b>3,819</b>	<b>3,655</b>	<b>3,851</b>	<b>3,590</b>	<b>3,514</b>	<b>3,507</b>	<b>3,332</b>	<b>3,280</b>	<b>3,197</b>	<b>3,079</b>		
<b>Age-specific rates (per million population)</b>													
<25	3	1	0	0	0	3	1	1	1	3	0		
25–34	12	37	24	21	24	9	39	21	31	31	28	3.3	-6.7
35–44	312	257	244	211	204	219	161	148	131	126	126	-8.9 **	11.4
45–54	1,274	1,099	990	883	764	809	747	619	700	507	542	-8.0 **	7.2
55–59	2,869	2,700	2,522	2,477	2,266	1,630	1,681	1,767	1,193	1,377	1,447	-8.1 **	21.6
60–64	4,566	4,301	4,166	4,372	3,614	3,255	3,144	2,883	2,539	2,639	2,321	-6.8 **	-2.3
65–69	7,672	7,154	6,725	6,230	6,187	5,633	5,129	4,843	4,822	4,374	3,831	-6.2 **	-7.1
70–74	10,937	11,824	10,577	10,680	9,154	9,503	8,651	7,636	6,750	7,115	5,871	-6.2 **	-10.6
75–84	19,653	19,025	17,883	18,674	17,206	16,670	16,500	15,151	15,394	13,683	13,235	-3.7 **	-4.5
85+	34,295	31,454	29,734	36,183	31,852	27,865	30,064	28,823	27,559	27,532	27,278	-2.2 **	1.7
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,855	1,820	1,717	1,775	1,623	1,561	1,538	1,446	1,407	1,360	1,297		
Age std	2,137	2,053	1,914	1,973	1,780	1,678	1,631	1,503	1,440	1,363	1,280	-5.0 **	-2.4 *
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	2,038	1,981	1,828	1,779	1,599	1,520	1,430	1,324	1,229	1,202	1,080		
Age std	1,949	1,887	1,743	1,697	1,521	1,437	1,337	1,222	1,121	1,092	979	-6.7 **	-3.0 *
<b>Females</b>													
<b>Deaths (number)</b>													
<25	0	1	0	0	0	0	0	0	0	1	0		
25–34	3	3	1	3	2	3	1	2	1	3	1		
35–44	9	13	11	6	14	11	14	9	11	12	16		
45–54	53	48	48	34	43	40	49	33	43	37	28		
55–59	98	89	54	70	55	59	55	55	41	38	34		
60–64	159	132	141	138	139	104	118	97	98	82	73		
65–69	266	264	244	224	245	211	184	186	154	161	152		
70–74	408	413	384	394	399	354	319	313	306	295	256		
75–84	916	966	1,004	1,019	1,056	1,038	1,091	968	1,036	906	914		
85+	519	521	557	648	647	631	698	675	728	773	773		
Not stated	0	0	0	0	0	0	0	0	0	0	1		
25–74	996	962	883	869	897	782	740	695	654	628	560		
<b>All ages</b>	<b>2,431</b>	<b>2,450</b>	<b>2,444</b>	<b>2,536</b>	<b>2,600</b>	<b>2,451</b>	<b>2,529</b>	<b>2,338</b>	<b>2,418</b>	<b>2,308</b>	<b>2,248</b>		
<b>Age-specific rates (per million population)</b>													
<25	0	1	0	0	0	0	0	0	0	1	0		
25–34	10	9	3	9	6	9	3	6	3	9	3	-5.9	-40.9
35–44	33	46	38	20	45	34	42	27	32	34	44	0.1	38.2
45–54	275	242	236	160	194	172	201	129	162	134	98	-7.8 **	-22.2
55–59	1,010	919	560	723	564	598	543	528	382	346	301	-10.2 **	-9.8
60–64	1,638	1,348	1,420	1,371	1,361	1,007	1,148	951	961	802	713	-7.1 **	-11.4
65–69	3,248	3,101	2,751	2,417	2,585	2,197	1,888	1,877	1,544	1,607	1,508	-7.9 **	6.6
70–74	5,807	5,789	5,363	5,503	5,438	4,601	3,989	3,761	3,510	3,327	2,859	-6.9 **	-10.0
75–84	11,477	11,582	11,534	11,153	11,085	10,499	10,684	9,229	9,657	8,214	8,006	-3.7 **	-8.0
85+	22,560	21,941	22,792	25,470	24,669	22,901	23,650	21,355	21,700	21,680	20,445	-1.1 *	-6.6
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,193	1,185	1,164	1,185	1,191	1,102	1,121	1,024	1,046	989	953		
Age std	1,056	1,030	993	990	984	889	879	779	773	709	664	-4.5 **	-6.7 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	886	837	750	719	724	616	573	529	489	463	407		
Age std	774	732	660	636	644	545	506	461	422	400	354	-7.4 **	-5.9 *

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Rural**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	18	15	23	16	16	16	10	10	21	18	14		
25–34	27	37	35	35	31	32	30	37	33	31	31		
35–44	155	148	146	143	134	139	121	124	108	128	111		
45–54	434	433	395	372	383	364	368	343	356	334	337		
55–59	502	485	449	446	409	348	351	335	293	315	324		
60–64	775	750	710	783	710	692	649	596	574	566	532		
65–69	1,079	1,090	1,015	1,071	1,066	1,006	1,032	960	972	910	901		
70–74	1,305	1,405	1,356	1,379	1,198	1,335	1,292	1,269	1,263	1,247	1,191		
75–84	2,726	2,784	2,785	2,955	2,917	2,926	2,998	2,933	3,085	2,831	3,041		
85+	1,082	1,160	1,153	1,293	1,207	1,190	1,348	1,454	1,598	1,512	1,720		
Not stated	0	1	0	0	0	0	0	0	0	0	0		
25–74	4,277	4,348	4,106	4,229	3,931	3,916	3,843	3,664	3,599	3,531	3,427		
<b>All ages</b>	<b>8,103</b>	<b>8,308</b>	<b>8,067</b>	<b>8,493</b>	<b>8,071</b>	<b>8,048</b>	<b>8,199</b>	<b>8,061</b>	<b>8,303</b>	<b>7,892</b>	<b>8,202</b>		
<b>Age-specific rates (per million population)</b>													
<25	21	18	27	18	18	18	11	11	24	20	16	–2.2	–5.1
25–34	84	114	107	105	92	96	90	112	101	96	97	–0.1	–3.0
35–44	544	501	476	451	409	412	354	359	307	359	305	–5.4 **	1.1
45–54	2,135	2,078	1,845	1,668	1,643	1,494	1,431	1,271	1,265	1,144	1,114	–6.6 **	4.6
55–59	4,967	4,833	4,511	4,490	4,119	3,459	3,412	3,166	2,688	2,799	2,791	–6.6 **	10.1
60–64	8,079	7,662	7,076	7,624	6,753	6,510	6,146	5,690	5,500	5,452	5,124	–4.5 **	0.2
65–69	14,103	13,584	12,060	12,066	11,673	10,732	10,736	9,747	9,704	8,964	8,783	–4.6 **	1.9
70–74	21,399	22,664	21,896	22,248	18,747	19,855	18,293	17,089	16,115	15,566	14,568	–4.3 **	–4.4
75–84	46,384	45,464	43,727	44,323	42,106	40,784	40,646	38,845	40,077	35,605	36,723	–2.4 **	1.1
85+	105,417	108,270	103,575	110,080	98,579	91,097	96,492	97,689	101,473	90,496	97,340	–1.2 **	5.8
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	3,911	3,959	3,790	3,915	3,649	3,575	3,596	3,498	3,563	3,357	3,456		
Age std	4,694	4,669	4,414	4,497	4,126	3,956	3,911	3,736	3,741	3,434	3,476	–3.3 **	2.3 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	3,735	3,719	3,436	3,450	3,130	3,051	2,941	2,759	2,664	2,578	2,465		
Age std	3,574	3,549	3,286	3,303	2,987	2,888	2,751	2,550	2,431	2,346	2,238	–4.9 **	0.3
<b>Females</b>													
<b>Deaths (number)</b>													
<25	13	9	12	13	15	7	11	11	14	11	9		
25–34	17	18	24	13	16	10	12	18	13	17	18		
35–44	43	47	42	54	44	40	49	46	55	45	56		
45–54	125	119	123	129	118	113	129	114	113	111	94		
55–59	180	183	139	165	129	141	141	126	112	96	100		
60–64	337	280	305	277	298	254	237	236	210	193	187		
65–69	563	516	501	507	507	486	463	441	391	414	392		
70–74	922	920	826	883	858	816	780	803	757	740	701		
75–84	2,504	2,737	2,724	2,797	2,869	2,789	3,031	2,834	2,931	2,704	2,765		
85+	2,248	2,407	2,393	2,686	2,499	2,564	2,765	2,809	3,141	3,119	3,294		
Not stated	0	0	0	0	0	0	0	0	0	0	2		
25–74	2,187	2,083	1,960	2,028	1,970	1,860	1,811	1,784	1,651	1,616	1,548		
<b>All ages</b>	<b>6,952</b>	<b>7,236</b>	<b>7,089</b>	<b>7,524</b>	<b>7,353</b>	<b>7,220</b>	<b>7,618</b>	<b>7,438</b>	<b>7,737</b>	<b>7,450</b>	<b>7,618</b>		
<b>Age-specific rates (per million population)</b>													
<25	16	11	15	16	18	8	13	13	17	13	11	–1.4	–21.0
25–34	54	56	74	39	48	30	36	54	39	52	56	–1.7	39.6
35–44	159	168	144	178	140	124	148	137	160	128	155	–1.2	16.6
45–54	648	601	604	608	532	487	529	447	425	402	328	–5.8 **	–15.9
55–59	1,855	1,891	1,441	1,704	1,322	1,428	1,393	1,211	1,045	874	884	–7.2 **	–4.7
60–64	3,471	2,858	3,072	2,751	2,919	2,458	2,305	2,313	2,060	1,887	1,826	–5.8 **	–1.5
65–69	6,875	6,061	5,649	5,470	5,348	5,061	4,751	4,451	3,920	4,132	3,889	–5.3 **	4.0
70–74	13,123	12,895	11,536	12,333	11,695	10,606	9,754	9,649	8,682	8,346	7,829	–5.1 **	–3.3
75–84	31,375	32,815	31,293	30,613	30,115	28,211	29,683	27,019	27,320	24,514	24,220	–2.8 **	–4.0
85+	97,718	101,369	97,921	105,573	95,283	93,057	93,684	88,867	93,627	87,477	87,122	–1.5 **	–0.8
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	3,411	3,501	3,377	3,514	3,367	3,245	3,376	3,257	3,347	3,191	3,229		
Age std	2,978	2,991	2,839	2,897	2,741	2,577	2,597	2,423	2,401	2,225	2,182	–3.2 **	–2.0 *
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	1,946	1,812	1,666	1,679	1,589	1,465	1,401	1,358	1,235	1,192	1,125		
Age std	1,706	1,591	1,475	1,498	1,421	1,302	1,240	1,189	1,071	1,033	981	–5.3 **	–1.1

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**Remote area**

**Profiles with graph**

Ischaemic heart disease ..... 140  
Cerebrovascular disease ..... 142

**Profiles without graph**

Acute myocardial infarction..... 144  
Diseases of the circulatory system..... 145

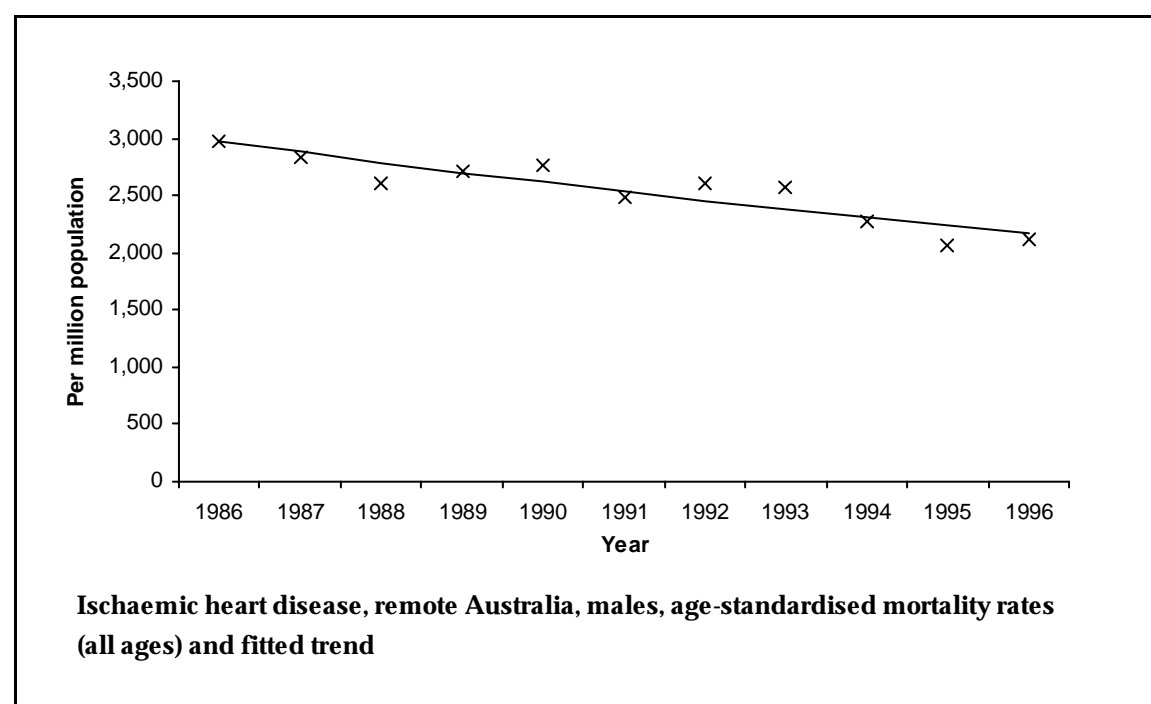


**ICD-9: 410–414  
Ischaemic heart disease**

**Remote  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	1	1	2	0	5	4	2	1	1	0	2			
25–34	8	3	8	11	11	3	5	7	8	6	3			
35–44	24	16	23	21	19	26	22	23	24	24	19			
45–54	51	50	46	42	47	38	58	40	43	42	41			
55–59	43	47	33	35	47	36	34	52	28	23	23			
60–64	63	48	53	62	45	45	54	43	43	30	31			
65–69	56	63	53	67	56	52	51	64	56	41	47			
70–74	61	59	62	47	52	55	53	50	53	57	56			
75–84	103	98	98	90	113	93	93	107	90	90	99			
85+	32	33	23	40	33	32	48	37	39	39	46			
Not stated	0	0	0	0	0	1	0	0	0	0	0			
25–74	306	286	278	285	277	255	277	279	255	223	220			
<b>All ages</b>	<b>442</b>	<b>418</b>	<b>401</b>	<b>415</b>	<b>428</b>	<b>385</b>	<b>420</b>	<b>424</b>	<b>385</b>	<b>352</b>	<b>367</b>			
<b>Age-specific rates (per million population)</b>														
<25	8	8	15	0	39	31	16	8	8	0	17			
25–34	143	52	138	187	187	52	88	126	147	112	56	-3.0	-52.8	
35–44	551	359	505	456	409	559	470	492	511	506	394	-0.1	-22.7	
45–54	1,826	1,758	1,587	1,412	1,538	1,217	1,793	1,204	1,264	1,209	1,149	-4.1 *	-2.0	
55–59	3,737	4,124	2,935	3,155	4,297	3,308	3,074	4,601	2,412	1,929	1,864	-5.1 *	-30.5	
60–64	7,381	5,479	5,911	6,803	4,837	4,820	5,822	4,694	4,751	3,334	3,418	-6.0 **	-11.9	
65–69	9,792	10,631	8,683	10,645	8,865	8,258	7,802	9,472	8,053	5,737	6,391	-4.5 **	-7.6	
70–74	14,882	14,369	15,477	12,039	13,228	13,788	12,622	11,317	11,425	12,025	11,422	-2.8	3.0	
75–84	27,177	25,514	25,058	22,745	28,187	23,279	22,873	25,864	21,469	20,780	21,840	-2.1	1.5	
85+	46,377	46,218	30,544	51,020	40,392	37,691	51,010	36,133	35,519	32,746	35,881	-2.6	3.0	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	1,503	1,411	1,344	1,384	1,423	1,289	1,406	1,429	1,301	1,193	1,238			
Age std	2,983	2,838	2,616	2,719	2,765	2,481	2,614	2,575	2,280	2,063	2,114	-3.1 **	-3.3 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	1,944	1,784	1,706	1,727	1,664	1,535	1,658	1,669	1,519	1,323	1,288			
Age std	2,777	2,598	2,504	2,506	2,397	2,252	2,316	2,298	2,075	1,784	1,747	-4.0 **	-8.4 **	

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



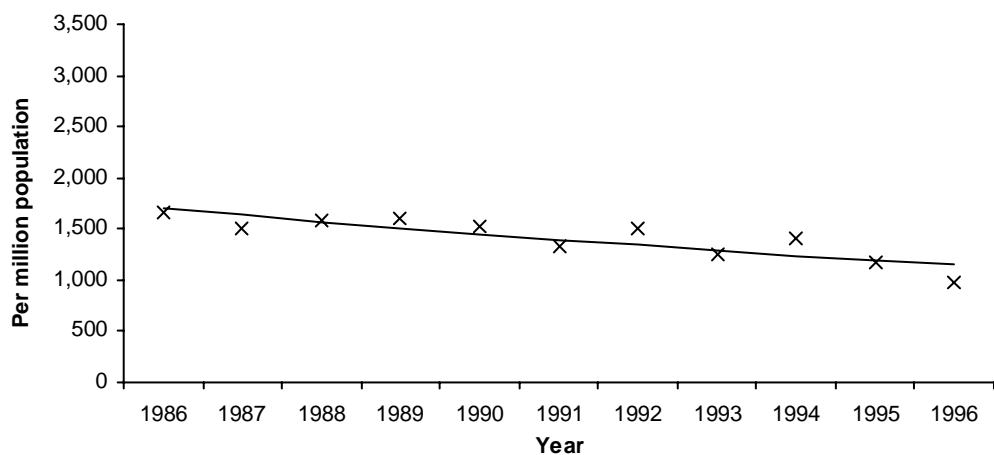
**ICD-9: 410–414  
Ischaemic heart disease**
**Remote  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	0	0	1	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	1	1	1	2	1	1	0	3			
35–44	7	5	6	5	3	1	2	6	1	4	1			
45–54	13	8	14	15	12	10	16	7	11	6	7			
55–59	16	12	12	18	9	8	17	9	7	9	8			
60–64	17	19	24	15	22	19	18	24	13	16	11			
65–69	19	19	27	28	15	23	29	12	20	23	10			
70–74	33	31	37	25	40	22	35	36	30	24	19			
75–84	66	74	65	64	75	66	71	52	87	73	68			
85+	44	30	31	54	38	40	39	51	57	35	46			
Not stated	0	0	0	0	0	0	0	0	0	0	0			
25–74	106	94	120	107	102	84	119	95	83	82	59			
<b>All ages</b>	<b>216</b>	<b>198</b>	<b>217</b>	<b>225</b>	<b>215</b>	<b>190</b>	<b>229</b>	<b>198</b>	<b>227</b>	<b>190</b>	<b>173</b>			
<b>Age-specific rates (per million population)</b>														
<25	0	0	8	0	0	0	0	0	0	0	0			
25–34	21	0	0	19	19	19	40	20	21	0	63			
35–44	204	142	165	135	80	26	52	155	26	101	25	-12.7 *	-53.8	
45–54	613	370	635	662	513	416	643	274	418	223	252	-7.5 *	-21.4	
55–59	1,971	1,472	1,474	2,212	1,103	981	2,043	1,061	801	1,008	868	-7.0 *	-7.9	
60–64	2,525	2,798	3,488	2,174	3,164	2,720	2,592	3,491	1,896	2,327	1,582	-3.2	-36.3	
65–69	3,778	3,679	5,102	5,174	2,775	4,335	5,356	2,170	3,578	4,066	1,731	-4.1	-52.5	
70–74	8,442	7,876	9,436	6,512	10,283	5,587	8,621	8,635	6,980	5,541	4,332	-4.2 *	-35.0	
75–84	16,747	18,036	15,283	14,408	16,422	14,115	14,675	10,573	17,502	14,407	12,911	-2.1	-5.6	
85+	42,430	27,548	27,145	45,378	30,670	31,348	27,102	31,895	32,386	18,023	21,708	-4.9 **	-10.4	
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	858	778	844	868	824	729	879	765	879	738	670			
Age std	1,665	1,510	1,576	1,595	1,522	1,320	1,501	1,246	1,407	1,165	974	-3.9 **	-20.2 **	
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	832	722	902	791	744	610	858	686	596	586	416			
Age std	1,197	1,074	1,357	1,171	1,152	941	1,291	1,022	889	873	590	-4.6 **	-35.6 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



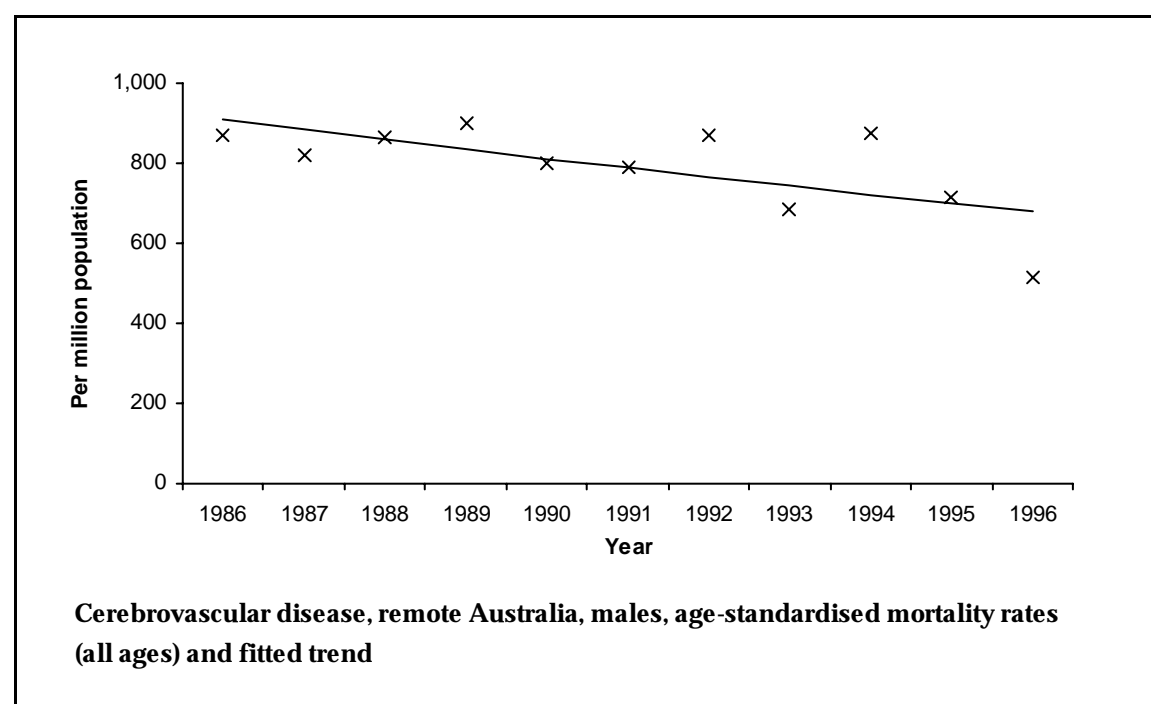
**Ischaemic heart disease, remote Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 430–438  
Cerebrovascular disease**

**Remote  
Males**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	0	0	0	2	2	0	2	0	0	0	0	0		
25–34	2	1	3	3	3	1	1	0	1	1	1	1		
35–44	4	5	6	5	4	4	4	2	0	3	6	6		
45–54	10	10	6	10	8	14	4	6	10	7	9	9		
55–59	5	11	5	8	5	4	5	9	9	5	5	5		
60–64	12	11	15	6	6	9	7	8	7	7	3	3		
65–69	10	10	11	17	14	10	18	12	14	16	6	6		
70–74	22	24	17	16	10	13	19	15	20	17	9	9		
75–84	32	28	35	39	40	37	43	32	41	32	28	28		
85+	16	13	17	17	16	17	17	16	27	23	18	18		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	65	72	63	65	50	55	58	52	61	56	39	39		
<b>All ages</b>	<b>113</b>	<b>113</b>	<b>115</b>	<b>123</b>	<b>108</b>	<b>109</b>	<b>120</b>	<b>100</b>	<b>129</b>	<b>111</b>	<b>85</b>	<b>85</b>		
<b>Age-specific rates (per million population)</b>														
<25	0	0	0	15	15	0	16	0	0	0	0	0		
25–34	36	17	52	51	51	17	18	0	18	19	19	19		
35–44	92	112	132	108	86	86	86	43	0	63	124	124	-5.8	216.9
45–54	358	352	207	336	262	448	124	181	294	202	252	252	-4.2	23.7
55–59	435	965	445	721	457	368	452	796	775	419	405	405	-2.0	-28.2
60–64	1,406	1,256	1,673	658	645	964	755	873	773	778	331	331	-9.1 *	-46.8
65–69	1,749	1,687	1,802	2,701	2,216	1,588	2,754	1,776	2,013	2,239	816	816	-1.8	-63.7
70–74	5,367	5,845	4,244	4,098	2,544	3,259	4,525	3,395	4,311	3,586	1,836	1,836	-5.9 *	-43.9
75–84	8,443	7,290	8,949	9,856	9,978	9,262	10,576	7,735	9,781	7,389	6,177	6,177	-1.4	-31.2
85+	23,188	18,207	22,576	21,684	19,584	20,024	18,066	15,625	24,590	19,312	14,041	14,041	-2.4	-27.4
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	384	381	385	410	359	365	402	337	436	376	287	287		
Age std	870	818	867	899	798	789	868	686	874	716	516	516	-2.9 **	-31.5 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	413	449	387	394	300	331	347	311	363	332	228	228		
Age std	632	678	584	600	447	484	558	463	531	483	289	289	-4.8 **	-35.9 **

Trend: Estimated annual change (%).  
 RD: Relative difference between observed and projected rate for 1996, as % of projected value.  
 Significance level: \*p < 0.05, \*\*p < 0.01.



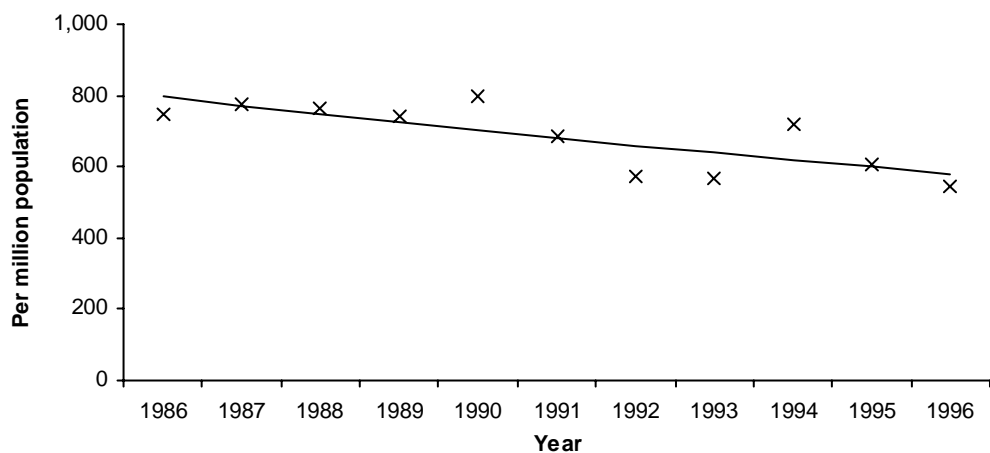
**ICD-9: 430–438  
Cerebrovascular disease**
**Remote  
Females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests		
												Trend	RD	
<b>Deaths (number)</b>														
<25	0	1	0	0	1	0	1	0	0	0	0	2		
25–34	2	0	0	2	1	2	2	1	2	1	0	0		
35–44	1	2	0	2	2	1	3	4	4	2	0	0		
45–54	3	5	1	5	7	4	3	7	6	3	8	8		
55–59	2	4	4	8	3	6	5	4	3	7	2	2		
60–64	5	3	4	7	9	9	4	0	6	5	7	7		
65–69	5	8	7	7	8	6	9	5	6	3	7	7		
70–74	13	16	12	11	9	10	12	10	8	7	13	13		
75–84	29	36	38	32	46	33	25	31	40	36	34	34		
85+	32	25	32	30	27	29	25	31	49	45	23	23		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	31	38	28	42	39	38	38	31	35	28	37	37		
<b>All ages</b>	<b>92</b>	<b>100</b>	<b>98</b>	<b>104</b>	<b>113</b>	<b>100</b>	<b>89</b>	<b>93</b>	<b>124</b>	<b>109</b>	<b>96</b>			
<b>Age-specific rates (per million population)</b>														
<25	0	8	0	0	8	0	9	0	0	0	18	18		
25–34	42	0	0	39	19	39	40	20	41	21	0	0		
35–44	29	57	0	54	53	26	78	103	103	51	0	0		
45–54	141	231	45	221	300	166	120	274	228	111	288	288	3.4	47.5
55–59	246	491	491	983	368	736	601	472	343	784	217	217	–0.6	–66.8
60–64	743	442	581	1,014	1,294	1,288	576	0	875	727	1,007	1,007	0.7	41.6
65–69	994	1,549	1,323	1,293	1,480	1,131	1,662	904	1,073	530	1,211	1,211	–3.4	32.7
70–74	3,326	4,065	3,060	2,865	2,314	2,539	2,956	2,399	1,861	1,616	2,964	2,964	–5.0	71.5
75–84	7,359	8,774	8,935	7,204	10,072	7,057	5,167	6,303	8,047	7,105	6,455	6,455	–2.5	–2.8
85+	30,858	22,957	28,021	25,210	21,792	22,727	17,373	19,387	27,841	23,172	10,854	10,854	–4.7 *	–49.3 *
<b>All ages: Crude and age-standardised rates (per million population)</b>														
Crude	366	393	381	401	433	384	341	359	480	424	372	372		
Age std	745	778	762	740	797	686	572	570	721	606	544	544	–3.1 **	–8.7 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>														
Crude	243	292	210	311	284	276	274	224	251	200	261	261		
Age std	358	441	333	447	417	404	404	306	341	271	378	378	–2.1 **	19.6 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.



**Cerebrovascular disease, remote Australia, females, age-standardised mortality rates (all ages) and fitted trend**

**ICD-9: 410**  
**Acute myocardial infarction**
**Remote**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	1	1	1	0	3	3	1	1	1	0	1		
25–34	4	2	6	10	9	3	5	6	3	4	3		
35–44	21	11	18	12	17	21	17	15	11	17	7		
45–54	44	42	27	33	39	27	39	32	32	30	29		
55–59	36	40	25	30	39	30	24	38	22	15	15		
60–64	48	37	42	48	33	32	40	26	27	21	14		
65–69	44	48	44	48	43	40	38	47	43	28	27		
70–74	42	45	53	36	36	41	37	34	25	35	37		
75–84	73	71	63	66	75	58	74	72	57	57	57		
85+	24	17	17	25	15	17	27	18	24	22	18		
Not stated	0	0	0	0	0	0	0	0	0	0	0		
25–74	239	225	215	217	216	194	200	198	163	150	132		
<b>All ages</b>	<b>337</b>	<b>314</b>	<b>296</b>	<b>308</b>	<b>309</b>	<b>272</b>	<b>302</b>	<b>289</b>	<b>245</b>	<b>229</b>	<b>208</b>		
<b>Age-specific rates (per million population)</b>													
<25	8	8	8	0	23	23	8	8	8	0	8		
25–34	71	35	103	170	153	52	88	108	55	75	56	-2.5	-34.9
35–44	482	247	395	260	366	451	363	321	234	359	145	-4.4	-53.3
45–54	1,576	1,477	931	1,110	1,276	865	1,206	963	940	864	812	-5.3 *	-1.1
55–59	3,129	3,510	2,223	2,704	3,566	2,757	2,170	3,362	1,895	1,258	1,215	-7.0 **	-36.0
60–64	5,624	4,223	4,684	5,267	3,547	3,428	4,313	2,838	2,983	2,334	1,544	-8.9 **	-37.8
65–69	7,694	8,100	7,208	7,626	6,807	6,352	5,813	6,956	6,183	3,918	3,671	-6.0 **	-26.4
70–74	10,246	10,960	13,230	9,221	9,158	10,278	8,812	7,696	5,389	7,384	7,546	-5.4 **	16.9
75–84	19,261	18,485	16,108	16,679	18,708	14,518	18,200	17,404	13,597	13,161	12,574	-3.4 *	-10.2
85+	34,783	23,810	22,576	31,888	18,360	20,024	28,693	17,578	21,858	18,472	14,041	-5.8 *	-22.4
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,146	1,060	992	1,027	1,028	911	1,011	974	828	776	702		
Age std	2,229	2,055	1,919	1,978	1,899	1,687	1,872	1,716	1,436	1,318	1,183	-5.2 **	-14.5 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	1,518	1,403	1,319	1,315	1,298	1,168	1,197	1,184	971	890	773		
Age std	2,136	2,029	1,984	1,899	1,831	1,706	1,671	1,619	1,309	1,185	1,046	-6.1 **	-16.5 **
<b>Females</b>													
<b>Deaths (number)</b>													
<25	0	0	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	0	1	1	0	1	0	0	2		
35–44	4	5	3	3	3	1	2	3	1	2	1		
45–54	9	5	10	13	9	10	14	5	5	4	6		
55–59	10	8	7	13	5	5	12	7	6	7	6		
60–64	15	16	16	10	9	14	15	15	8	9	4		
65–69	16	14	17	23	12	16	19	8	12	16	10		
70–74	24	25	29	17	35	14	21	24	21	15	10		
75–84	45	51	46	44	54	44	48	34	53	47	42		
85+	26	15	18	33	18	24	17	30	27	19	17		
Not stated	0	0	0	0	0	0	0	0	0	0	0		
25–74	79	73	82	79	74	61	83	63	53	53	39		
<b>All ages</b>	<b>150</b>	<b>139</b>	<b>146</b>	<b>156</b>	<b>146</b>	<b>129</b>	<b>148</b>	<b>127</b>	<b>133</b>	<b>119</b>	<b>98</b>		
<b>Age-specific rates (per million population)</b>													
<25	0	0	0	0	0	0	0	0	0	0	0		
25–34	21	0	0	0	19	19	0	20	0	0	42		
35–44	117	142	83	81	80	26	52	78	26	51	25	-13.1	-24.4
45–54	424	231	454	574	385	416	562	195	190	148	216	-7.5 *	-6.6
55–59	1,232	981	860	1,597	613	613	1,442	825	687	784	651	-4.7	-13.9
60–64	2,228	2,356	2,326	1,449	1,294	2,004	2,160	2,182	1,167	1,309	575	-7.0 *	-59.2
65–69	3,182	2,711	3,212	4,250	2,220	3,015	3,509	1,446	2,147	2,829	1,731	-4.7	-25.0
70–74	6,140	6,352	7,396	4,428	8,997	3,555	5,172	5,757	4,886	3,463	2,280	-6.7 **	-45.9
75–84	11,418	12,430	10,816	9,905	11,824	9,410	9,921	6,913	10,662	9,276	7,974	-3.4 *	-7.2
85+	25,072	13,774	15,762	27,731	14,528	18,809	11,814	18,762	15,341	9,784	8,023	-7.3 **	-34.5
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	596	546	568	602	560	495	568	491	515	463	380		
Age std	1,151	1,049	1,069	1,101	1,040	886	965	801	834	736	563	-5.3 **	-24.5 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	620	560	616	584	540	443	599	455	381	379	275		
Age std	903	836	937	867	851	668	888	676	575	565	382	-6.1 **	-34.8 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

**ICD-9: 390–459**  
**Diseases of the circulatory system**
**Remote**  
**Males and females**

Age group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Statistical tests	
												Trend	RD
<b>Males</b>													
<b>Deaths (number)</b>													
<25	6	1	8	6	14	5	10	4	7	6	8		
25–34	20	4	17	21	21	11	9	14	13	12	9		
35–44	37	24	40	40	34	39	33	32	30	35	32		
45–54	78	78	62	65	66	63	75	56	64	65	63		
55–59	65	70	44	54	62	46	46	73	49	35	39		
60–64	92	70	81	86	66	64	73	56	59	51	43		
65–69	78	84	81	99	80	78	90	84	85	72	65		
70–74	103	98	88	80	79	83	90	77	86	90	80		
75–84	162	161	176	153	184	164	171	173	157	152	154		
85+	65	65	55	74	68	68	82	78	86	79	92		
Not stated	0	0	0	0	0	1	0	0	0	0	0		
25–74	473	428	413	445	408	384	416	392	386	360	331		
<b>All ages</b>	<b>706</b>	<b>655</b>	<b>652</b>	<b>678</b>	<b>674</b>	<b>622</b>	<b>679</b>	<b>647</b>	<b>636</b>	<b>597</b>	<b>585</b>		
<b>Age-specific rates (per million population)</b>													
<25	45	8	61	46	108	39	79	32	57	50	67	3.6	6.7
25–34	357	70	293	357	356	190	158	252	238	224	169	–3.3	–22.6
35–44	849	539	878	868	731	838	705	685	639	738	663	–1.5	–4.3
45–54	2,793	2,743	2,139	2,186	2,160	2,018	2,319	1,686	1,881	1,872	1,765	–4.2 **	4.5
55–59	5,649	6,143	3,913	4,867	5,669	4,227	4,160	6,458	4,221	2,935	3,160	–4.4 **	–19.2
60–64	10,779	7,990	9,034	9,437	7,094	6,855	7,871	6,113	6,519	5,669	4,741	–6.3 **	–13.6
65–69	13,639	14,175	13,270	15,729	12,664	12,387	13,768	12,432	12,223	10,076	8,839	–3.6 **	–21.1
70–74	25,128	23,868	21,967	20,492	20,097	20,807	21,434	17,429	18,538	18,987	16,317	–3.5 **	–6.3
75–84	42,744	41,916	45,001	38,666	45,897	41,051	42,056	41,818	37,452	35,096	33,973	–2.1 *	–9.4
85+	94,203	91,036	73,041	94,388	83,231	80,094	87,141	76,172	78,324	66,331	71,763	–2.6 *	1.3
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	2,401	2,210	2,184	2,261	2,242	2,082	2,274	2,180	2,150	2,023	1,974		
Age std	4,850	4,574	4,423	4,511	4,456	4,144	4,379	4,053	3,876	3,539	3,370	–3.0 **	–8.2 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	3,005	2,669	2,534	2,696	2,451	2,312	2,490	2,345	2,300	2,136	1,937		
Age std	4,275	3,896	3,694	3,905	3,522	3,371	3,581	3,227	3,160	2,898	2,573	–4.0 **	–11.3 **
<b>Females</b>													
<b>Deaths (number)</b>													
<25	6	2	9	2	7	5	5	5	2	4	4		
25–34	9	3	5	10	6	5	6	5	9	7	6		
35–44	16	11	16	14	8	10	7	23	12	15	3		
45–54	27	20	25	27	22	19	24	20	21	15	24		
55–59	24	19	23	32	17	17	27	18	14	24	16		
60–64	28	24	30	29	38	33	29	31	24	25	26		
65–69	32	37	43	41	28	41	45	27	33	30	21		
70–74	51	56	53	45	63	45	59	60	48	46	41		
75–84	130	141	143	133	149	128	129	119	153	133	130		
85+	96	82	103	117	97	97	96	111	127	112	104		
Not stated	0	1	0	0	0	0	0	0	0	0	0		
25–74	187	170	195	198	182	170	197	184	161	162	137		
<b>All ages</b>	<b>419</b>	<b>396</b>	<b>450</b>	<b>450</b>	<b>435</b>	<b>400</b>	<b>427</b>	<b>419</b>	<b>443</b>	<b>411</b>	<b>375</b>		
<b>Age-specific rates (per million population)</b>													
<25	50	17	76	17	59	43	43	44	18	36	37	–2.8	8.8
25–34	187	61	99	195	116	97	119	101	186	147	127	0.8	–9.5
35–44	467	312	440	378	212	263	182	595	308	380	75	–4.6	–77.9 *
45–54	1,273	925	1,134	1,191	941	791	964	782	798	556	863	–5.1 *	34.8
55–59	2,957	2,330	2,825	3,932	2,084	2,085	3,245	2,123	1,602	2,688	1,736	–3.9	–20.3
60–64	4,159	3,534	4,360	4,202	5,464	4,724	4,176	4,509	3,501	3,635	3,739	–1.1	–7.9
65–69	6,363	7,165	8,125	7,576	5,180	7,727	8,312	4,882	5,903	5,304	3,634	–4.3 *	–36.0
70–74	13,047	14,228	13,517	11,722	16,195	11,427	14,532	14,392	11,168	10,621	9,348	–2.6	–21.4
75–84	32,987	34,365	33,623	29,941	32,625	27,374	26,664	24,197	30,779	26,248	24,682	–3.0 **	–2.3
85+	92,575	75,298	90,193	98,319	78,289	76,019	66,713	69,418	72,159	57,673	49,080	–5.2 **	–18.9
<b>All ages: Crude and age-standardised rates (per million population)</b>													
Crude	1,665	1,557	1,750	1,736	1,667	1,535	1,638	1,618	1,716	1,597	1,453		
Age std	3,202	3,015	3,267	3,158	3,037	2,731	2,766	2,575	2,659	2,369	2,073	–3.7 **	–14.0 **
<b>Ages 25–74: Crude and age-standardised rates (per million population)</b>													
Crude	1,468	1,305	1,465	1,464	1,327	1,234	1,421	1,328	1,156	1,158	966		
Age std	2,046	1,919	2,130	2,088	2,002	1,851	2,116	1,889	1,632	1,615	1,346	–3.1 **	–20.8 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1996, as % of projected value.

Significance level: \*p &lt; 0.05, \*\*p &lt; 0.01.

## Appendix A: Statistical methodology

### Death rates

This report uses three types of mortality indicators. These are age-specific death rates, crude death rates and age-standardised death rates, as described below. All rates are calculated separately for males and females and are expressed per million population. Population data are the estimated resident population at 30 June in each year, published by the Australian Bureau of Statistics<sup>4</sup>.

### Age-specific death rates

Age-specific death rates are death rates relating specifically to a certain age group. For each age group they have been calculated as the number of deaths in that age group divided by the mid-year estimated resident population for that age group, i.e.

$$r_i = d_i / p_i$$

where  $r_i$  is the age-specific death rate for age group  $i$ ,  $d_i$  is the number of deaths for age group  $i$ , and  $p_i$  is the mid-year estimated resident population for age group  $i$ .

### Crude death rates

The annual crude death rate is the total number of deaths in a year divided by the total mid-year estimated resident population, i.e.

$$CR = \Sigma d_i / \Sigma p_i$$

where CR is the crude death rate,  $d_i$  is the number of deaths for age group  $i$ , and  $p_i$  is the mid-year estimated resident population for age group  $i$ . The crude death rate does not reflect changes in the age structure of the population over time.

### Age-standardised death rates

Age-standardisation is a method of adjustment to allow for the effect of variation in the population age structure when comparing death rates for different years or different locations (e.g. between States and Territories). This report has used the 'direct' standardisation method, which applies the age-specific death rates for a particular year to a standard population (Armitage & Berry 1987). This produces an estimate of the death rate which would have prevailed in the standard population if it had experienced the age-specific death rates in the year under study.

The standard population used is the total estimated 1991 mid-year Australian population. The usual convention of using age-specific death rates for five-year age groups, defined as 0–4, 5–9, ..., 80–84, 85+ years, has been followed for the standardisation according to the following formula:

$$ASR = \Sigma r_i P_i / \Sigma P_i$$

where ASR is the age-standardised death rate,  $r_i$  is the age-specific death rate for age group  $i$ , and  $P_i$  is the standard population in age group  $i$ .

### Modelling the data

The underlying annual rate of change from 1985–1996 (or 1991–1996 for the Indigenous population) has been estimated for age-specific and age-standardised death rates. An appropriate model for this type of mortality data is a Poisson regression model, with a Poisson error distribution, a log link function and the natural log of population treated as an 'offset' (Breslow & Day 1987; Brillinger 1986; Valkonen 1989). For a particular cause of death, the model may be expressed as:

$$\log_e(D_t) = \log_e(N_t) + \text{constant} + \alpha t$$

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4. The population distribution by age and sex for Australia, for each State and Territory, for the Indigenous population and for urban, rural and remote areas are available on the Internet at <http://www.aihw.gov.au>.

where  $t$  is the year of registration of death,  $D_t$  is the expected number of deaths registered in year  $t$ ,  $N_t$  is the mid-year population in year  $t$ , and  $\alpha$  is the estimated annual rate of increase or decrease in mortality. This model forms the basis for the estimate of underlying trend and the statistical tests described below. The criteria for applying it to the mortality time series data were:

- the series contained non-zero deaths for at least four years (or two years for the Indigenous population), and
- the average number of deaths across the 12 years (or six years for the Indigenous population) was at least two.

Where these criteria were met, this model was fitted separately for males and females, for each age-specific group, and for the age-standardised rates (all ages and ages 25–74 and 25–64).

## Statistical tests

Two statistical tests were applied both to the age-standardised and age-specific mortality time series for males and females separately wherever the data met the above criteria for modelling. They are a 'test for trend', and a 'test for difference' to help assess whether the death rate for the most recent year is unexpected.

### Test for trend

The trend is calculated from the estimated value of  $\alpha$  from a Poisson regression model fitted to the data for all 12 years. It indicates whether death rates are generally increasing or decreasing over the period and, if so, to what extent.

Based on  $\alpha$ , an average annual rate of change has been derived as follows:

$$\text{percentage change} = [e^\alpha - 1] \times 100\%$$

The annual percentage increase (or decrease) is presented in the 'Trend' column under 'Statistical tests' and can be interpreted as the average percentage change in mortality rates between consecutive years. A blank denotes that a model has not been fitted because the data did not meet the modelling criteria. The test of statistical significance for the annual percentage change was two-tailed. That is, there was no prior assumption that the mortality rate would be increasing or decreasing and the alternative hypothesis was that the change in mortality rate was *different* from zero. Trends which were statistically significant at the 5% and 1% levels of significance have been indicated by asterisks.

### Test for difference

The test for difference refers to the difference between the observed and projected death rates for 1996 expressed as a percentage of the projected rate. The projected death rate for 1996 is estimated from a Poisson regression model fitted to the mortality time series for the period 1985 to 1995 (and 1991 to 1995 for the Indigenous population).

This field is left blank if a model was not fitted because the data did not meet the modelling criteria.

The test of statistical significance of the difference was two-tailed. That is, there was no prior assumption that the mortality rate for 1996 would be above or below the value predicted from the model fitted to previous years. Differences which were statistically significant at the 5% and 1% levels of significance have been indicated by asterisks.

### Significance level

Many significance tests have been performed throughout the report and it is therefore likely that some test results reported as 'statistically significant' are the result of chance. The possibility of a chance effect should be carefully considered when making judgement about whether statistically significant trends have sufficient medical or epidemiological importance to warrant further attention.

Some of the estimates for the Northern Territory, the Australian Capital Territory, the Indigenous population and rural and remote areas are based on small numbers and may be unstable.



## Appendix B: Tables available on the Internet

Data tables for the population distributions and for the less common causes of death for each State and Territory (for the period 1985–1996), for the Indigenous and non-Indigenous populations (for the period 1991–96), and for urban, rural and remote areas (for the period 1986–1996) are available on the Australian Institute of Health and Welfare World Wide Web site at <http://www.aihw.gov.au>. Users without Internet access may request the tables on disk by contacting AIHW reception on (02) 6244 1000. For each of the above populations the following mortality profiles have been included as separate tables:

- Rheumatic fever and rheumatic heart disease
- Hypertensive disease
- Other ischaemic heart disease
- Heart failure
- Atherosclerosis
- Peripheral vascular disease
- Other diseases of the circulatory system (defined in *Introduction* on page 2)
- All causes

For each cause of death the tables contain:

- numbers of deaths by year, age group and sex;
- age-specific death rates by year, age group and sex;
- crude and age-standardised death rates by year and sex, for all ages and ages 25–74
- annual rates of change (with indicators of statistical significance); and
- differences between the most recent death rate and that expected based on projections for that year (with indicators of statistical significance).

Where the number of deaths is less than 16 in any age-specific group, the total number of deaths are given by year and sex, in place of a full mortality profile. For the Australian Capital Territory, the Northern Territory, the Indigenous population and remote areas only the total number of deaths are given for the majority of the causes of death.

Tables containing population distributions at the national, State and Territory, Indigenous and urban, rural and remote levels are presented for each 10-year age group for males and females for the relevant years.

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