



1995

EMBARGO: 11:30 AM (CANBERRA TIME) WED 26 FEB 1997

# Deaths

## Australia

## NOTES

### PLEASE NOTE

Because of the complexity and variety of concepts included in this publication users are advised to consult both the Explanatory Notes and Glossary for clarification.

Year of occurrence data are subject to revision as a number of late registrations are reported each year. These revisions have minimal effect on the figures except those of the most recent one or two years.

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### SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
n.a.	not available
n.p.	not available for publication but included in totals where applicable
n.y.a.	not yet available
p	preliminary
r	figure or series revised since previous issue
..	not applicable
—	nil or rounded to zero
—	break in continuity of series where drawn across a column between consecutive figures

\*\*\*\*\*

### INQUIRIES

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

For further information about these statistics, contact Michael Nunn on Canberra (06) 252 6755.

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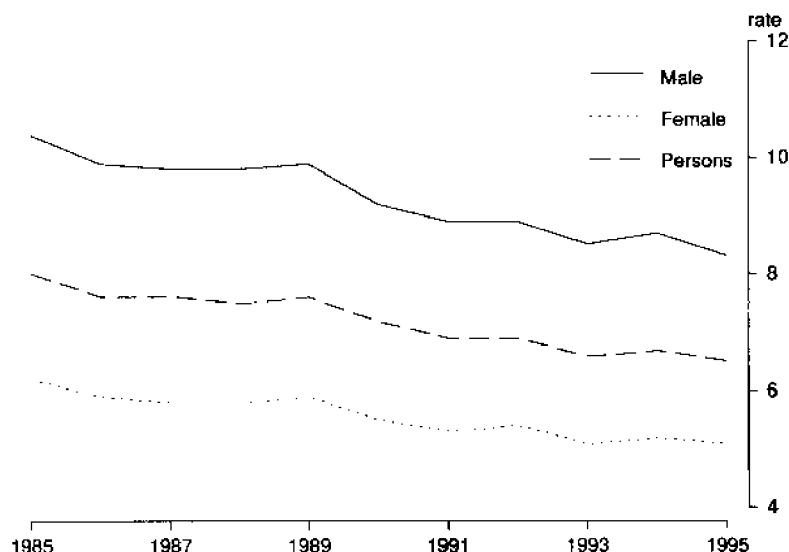
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## OVERVIEW .....

There were 125,100 deaths registered in Australia in 1995. This was 1,600 fewer deaths than in 1994 which had the highest number of deaths ever registered, and an increase of 5% on 1985 (119,000) and 15% on 1975 (109,000).

The standardised death rate for males was 8.3 deaths per 1,000 population and for females was 5.1 deaths per 1,000. This was a small reduction (0.4 for males and 0.1 for females) when compared with 1994. The overall standardised death rate decreased by 32% between 1975 and 1995, and by 19% between 1985 and 1995.

### STANDARDISED DEATH RATES



The standardised death rate is the overall death rate that would have prevailed in a standard population (in this case the 1991 Australian population) if it had experienced at each age the death rates of the population being studied.

### AGE AT DEATH

Age at death continued to increase in 1995 reflecting the increasing age of the population. In 1995 the median age at death was 73.5 years for males and 80.3 years for females compared to 71.0 years and 77.9 years respectively in 1985.

Between 1985 and 1995 age-specific death rates showed declines in most age groups. The rates for deaths under one year had the greatest decline (45% for males and 41% for females). In the 1990s death rates for people aged 80 and over had a tendency to fluctuate but the trend was generally downwards.

## OVERVIEW

### CAUSE OF DEATH

The main causes of death in 1995, for both males and females, were diseases of the circulatory system (mainly heart disease and stroke) followed by neoplasms (mainly cancer). Diseases of the circulatory system caused 40% of male deaths and 46% of female deaths, while neoplasms caused 29% and 25% respectively. External causes (mainly accidents, homicide and suicide) caused 8% of male deaths and 4% of female deaths.

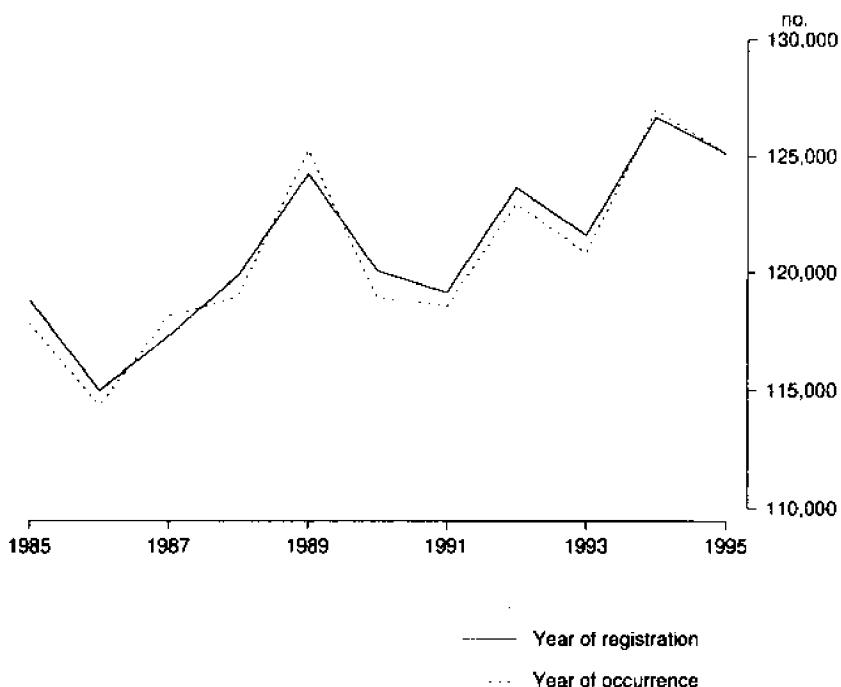
### INFANT DEATHS

There were 1,450 infant deaths in 1995. This represents 5.7 deaths per 1,000 live births, a decrease of 42% since 1985. Of the infant deaths, 39% of male deaths and 38% of female deaths were aged under one day and a further 34% of both male and female infant deaths were in the age group 1 month and under 1 year.

### YEAR OF OCCURRENCE

In 1995, 125,100 deaths occurred in Australia, the same number as was registered. By comparison, the number of deaths that occurred in 1985 was 117,800 while 118,800 deaths were registered; 95% of deaths registered in 1995 also occurred in 1995.

NUMBER OF DEATHS REGISTERED AND OCCURRED IN SELECTED YEARS



**COUNTRY OF BIRTH**

In 1995, 70% of males who died and 74% of females were Australian-born. Other large contributors to deaths registered in Australia were people born in the United Kingdom and Ireland (12% of both male and female deaths) and people born in Italy (3% of male and 2% of female deaths).

**Duration of residence**

The median duration of residence of people born in European countries who died in 1995 was over 40 years. Most of these deaths are the result of the ageing of European migrants who came to Australia soon after World War II. The median durations of residence at death (34.3 years for males and 31.6 years for females) for people born in the Former Yugoslav Republics was considerably younger. There has been substantial migration from this area in the 1990s.

**Causes of death**

For most of the countries of birth selected for comparison in table 5 the proportion of males dying from neoplasms was higher than the proportion of Australian-born males (28%). The exceptions were males born in India, Malaysia and New Zealand. All the males born in Asian regions with the exception of the Vietnamese-born had higher proportions of deaths due to diseases of the circulatory systems. Vietnamese-born males had a very high proportion of deaths due to external causes, partly reflecting their young age structure and low overall death rate.

Overseas-born women were also generally more likely to die from neoplasms than Australian-born women. Of the countries of birth selected in table 5 only Indian-born women had a lower proportion dying of neoplasms than Australian-born women. Women born in India, Lebanon and the United Kingdom and Ireland had a higher proportion of deaths due to diseases of the circulatory system than Australian-born women.

**INTERNATIONAL COMPARISON**

Of the countries selected in table 6, only Hong Kong (5.8 per 1,000) and the Republic of Korea (6.4 per 1,000) had lower male crude death rates than Australia (7.6 per 1,000). For females, the crude death rates in Hong Kong (4.7 per 1,000), the Republic of Korea (4.8 per 1,000), Japan (6.2 per 1,000) and Canada (6.5 per 1,000) were lower than in Australia (6.6 per 1,000). The highest crude death rates for males were in Poland (11.7 deaths per 1,000) and the Former Democratic Republic of Germany (11.4 per 1,000). For women the highest rates were in the Former Democratic Republic of Germany (13.2 per 1,000) and the Former Federal Republic of Germany (11.6 per 1,000).

Of the countries selected, Japan had the lowest infant mortality rates at 5.0 for males and 4.0 for females, and the Former Yugoslav Republics had the highest at 20.5 for males and 17.9 for females. The Australian rate of 6.1 for males and 5.1 for females was below the rates of most countries which had infant mortality rates available. Canada, Netherlands and the United Kingdom had similar rates of about 7.5 for males and 6.0 for females. However, the United States of America had higher infant mortality with rates of 10.0 for males and 7.8 for females.

## I DEATHS: SUMMARY(a), STATES AND TERRITORIES, 1995

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Other Territories(b)	Australia
DEATHS										
<b>Total deaths</b>	<b>44,773</b>	<b>32,425</b>	<b>20,663</b>	<b>11,218</b>	<b>10,364</b>	<b>3,754</b>	<b>813</b>	<b>1,114</b>	<b>9</b>	<b>125,133</b>
Males	23,612	16,960	11,112	5,879	5,617	1,952	521	593	5	66,251
Females	21,161	15,465	9,551	5,339	4,747	1,802	292	521	4	58,882
Sex ratio	111.6	109.7	116.3	110.1	118.3	108.3	178.4	113.8	125.0	112.5
<i>Aboriginal and Torres Strait Islander deaths</i>	n.a.	n.a.	n.a.	121	384	n.a.	387	9	n.a.	n.a.
Males	n.a.	n.a.	n.a.	73	219	n.a.	229	6	n.a.	n.a.
Females	n.a.	n.a.	n.a.	48	165	n.a.	158	3	n.a.	n.a.
Sex ratio	n.a.	n.a.	n.a.	152.1	132.7	n.a.	144.9	200.0	n.a.	n.a.
<i>Standardised death rates</i>	6.6	6.5	6.2	6.3	6.2	7.1	9.9	5.4	—	6.5
Males	8.5	8.3	7.7	8.1	7.9	9.0	11.8	7.0	—	8.3
Females	5.2	5.1	4.9	4.9	4.8	5.7	8.0	4.4	—	5.1
<i>Crude death rates</i>	7.3	7.2	6.3	7.6	6.0	7.9	4.7	3.7	—	6.9
Males	7.8	7.6	6.8	8.0	6.5	8.3	5.8	3.9	—	7.4
Females	6.9	6.8	5.8	7.2	5.5	7.6	3.5	3.5	—	6.5
<i>Median age at death—</i>										
Males	73.7	73.9	73.0	74.3	73.3	73.8	54.0	70.5	—	73.5
Females	80.2	80.9	79.7	80.7	80.3	79.7	60.4	75.9	—	80.3
<i>Age-specific death rates—</i>										
<i>Age group (years)—</i>										
Males										
Under 1	6.1	5.0	6.9	7.3	6.1	8.0	12.8	2.6	—	6.1
1-9	0.2	0.3	0.3	0.2	0.3	0.2	0.7	0.3	—	0.3
10-19	0.5	0.4	0.5	0.6	0.4	0.6	1.1	0.2	—	0.5
20-29	1.2	1.1	1.3	1.2	1.4	1.5	3.4	0.8	—	1.2
30-39	1.6	1.3	1.6	1.5	1.5	1.2	3.0	1.3	—	1.5
40-49	2.5	2.2	2.2	2.3	2.1	2.4	4.6	1.6	—	2.3
50-59	5.8	6.0	5.9	5.7	5.2	5.7	12.0	5.2	—	5.8
60-69	18.3	18.3	16.3	17.6	16.9	20.6	33.4	13.3	—	17.8
70-79	46.3	46.3	43.1	43.2	44.1	48.0	55.0	33.3	—	45.2
80 and over	131.9	129.7	113.5	125.7	122.2	140.0	113.9	122.5	—	126.8
Females										
Under 1	5.3	4.8	5.7	4.2	4.1	3.5	13.8	7.1	—	5.1
1-9	0.2	0.2	0.3	0.2	0.2	—	0.3	0.3	—	0.2
10-19	0.3	0.2	0.3	0.3	0.3	0.1	0.2	0.1	—	0.3
20-29	0.4	0.4	0.5	0.4	0.4	0.4	1.2	0.2	—	0.4
30-39	0.6	0.6	0.7	0.7	0.5	0.6	0.8	0.5	—	0.6
40-49	1.3	1.3	1.3	1.4	1.4	2.0	2.8	1.1	—	1.4
50-59	3.7	3.2	3.3	3.4	3.3	4.6	7.7	3.5	—	3.5
60-69	10.0	9.5	9.0	9.2	8.4	11.6	19.4	8.7	—	9.6
70-79	26.6	26.0	25.3	25.3	25.3	29.9	47.3	21.9	—	26.1
80 and over	99.9	102.8	93.7	95.4	94.5	106.6	97.9	84.7	—	98.8
<i>Expectation of life—</i>										
Males										
Age 0	74.9	75.6	74.8	75.1	75.6	73.2	69.1	76.7	—	75.0
Age 1	74.4	75.1	74.4	74.5	75.0	72.9	68.7	76.2	—	74.5
Age 25	51.2	51.7	51.2	51.3	51.9	50.0	46.4	52.8	—	51.3
Age 45	32.5	32.7	32.5	32.5	33.1	31.2	29.1	33.9	—	32.6
Age 65	15.6	15.7	15.7	15.5	16.2	14.8	13.9	16.8	—	15.7
Females										
Age 0	80.9	81.2	80.9	81.3	81.2	79.8	73.6	81.5	—	80.9
Age 1	80.3	80.5	80.3	80.7	80.6	79.3	73.7	80.7	—	80.4
Age 25	57.1	57.2	57.2	57.4	57.5	56.2	51.3	57.2	—	57.2
Age 45	37.7	37.8	37.8	38.0	38.1	36.8	32.5	37.8	—	37.7
Age 65	19.7	19.6	19.9	20.0	20.1	18.9	15.3	19.5	—	19.7

See footnotes at end of table.

1 DEATHS: SUMMARY(a), STATES AND TERRITORIES, 1995—*continued*

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories(b)</i>	<i>Australia</i>
DEATHS										
<i>Principal causes of death (proportion)—</i>										
Males										
Neoplasms	28.5	30.8	29.4	29.3	29.2	29.0	20.3	31.9	—	29.3
Diseases of the circulatory system	40.9	38.6	38.9	41.2	38.8	40.6	26.3	35.6	—	39.6
Diseases of the respiratory system	8.4	8.1	8.0	7.8	7.9	8.5	10.7	5.4	—	8.2
Diseases of the digestive system	2.9	2.9	2.9	3.1	3.2	2.9	2.7	3.7	—	3.0
All other diseases	12.5	12.8	10.6	11.8	11.7	11.7	19.4	12.3	—	12.1
External causes	6.9	6.8	10.2	6.9	9.2	7.3	20.5	11.1	—	7.8
Females										
Neoplasms	24.7	26.6	24.2	24.2	26.9	26.5	19.9	35.1	—	25.4
Diseases of the circulatory system	47.9	44.1	47.0	47.9	43.4	45.7	22.3	38.4	—	46.1
Diseases of the respiratory system	6.9	7.0	6.4	6.2	6.9	7.1	14.7	6.0	—	6.8
Diseases of the digestive system	3.4	3.2	2.9	3.3	3.4	3.6	2.7	3.3	—	3.2
All other diseases	13.6	15.8	14.3	14.9	15.0	13.4	31.8	13.4	—	14.6
External causes	3.6	3.3	5.1	3.5	4.4	3.8	8.6	3.8	—	3.8
INFANT DEATHS										
<b>Total infant deaths</b>	<b>498</b>	<b>308</b>	<b>293</b>	<b>112</b>	<b>129</b>	<b>38</b>	<b>50</b>	<b>21</b>	—	<b>1,449</b>
Males	272	161	164	73	79	27	25	6	—	807
Females	226	147	129	39	50	11	25	15	—	642
Sex ratio	120.4	109.5	127.1	187.2	158.0	245.5	100.0	40.0	—	125.7
<i>Aboriginal and Torres Strait Islander infant deaths</i>										
Males	n.a.	n.a.	n.a.	9	27	n.a.	25	—	n.a.	n.a.
Females	n.a.	n.a.	n.a.	6	11	n.a.	13	—	n.a.	n.a.
Sex ratio	n.a.	n.a.	n.a.	3	16	n.a.	12	—	n.a.	n.a.
<i>Infant mortality rates</i>	5.7	4.9	6.3	5.8	5.7	5.8	13.3	4.8	—	5.7
Males	6.1	5.0	6.9	7.3	6.1	8.0	12.8	2.6	—	6.1
Females	5.3	4.8	5.7	4.2	4.1	3.5	13.8	7.1	—	5.1
<i>Age at death—</i>										
Males										
Under 1 day	100	68	66	31	27	12	7	2	—	313
1 day and under 1 week	45	19	25	8	11	4	5	1	—	118
1 week and under 1 month	34	27	19	5	12	2	2	2	—	103
1 month and under 1 year	93	47	54	29	29	9	11	1	—	273
Females										
Under 1 day	71	53	51	19	23	6	13	5	—	241
1 day and under 1 week	45	23	20	5	—	—	3	1	—	97
1 week and under 1 month	31	27	12	2	6	2	1	4	—	85
1 month and under 1 year	79	44	46	13	21	3	8	5	—	219

(a) See Glossary for definitions of terms used. (b) Due to the small numbers involved only details of total deaths have been provided for Other Territories.

**2 DEATHS: SUMMARY(a), AUSTRALIA**

	<i>1985</i>	<i>1990</i>	<i>1991</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>
<b>DEATHS</b>							
<b>Total deaths</b>	<b>118,808</b>	<b>120,062</b>	<b>119,146</b>	<b>123,660</b>	<b>121,599</b>	<b>126,692</b>	<b>125,133</b>
Males	64,156	64,660	64,067	66,115	65,089	67,464	66,251
Females	54,652	55,402	55,079	57,545	56,510	59,228	58,882
Sex ratio	117.4	116.7	116.3	114.9	115.2	113.9	112.5
<i>Standardised death rates</i>	<i>8.0</i>	<i>7.2</i>	<i>6.9</i>	<i>6.9</i>	<i>6.6</i>	<i>6.7</i>	<i>6.5</i>
Males	10.4	9.2	8.9	8.9	8.5	8.7	8.3
Females	6.2	5.5	5.3	5.4	5.1	5.2	5.1
<i>Crude death rates</i>	<i>7.5</i>	<i>7.0</i>	<i>6.9</i>	<i>7.1</i>	<i>6.9</i>	<i>7.1</i>	<i>6.9</i>
Males	8.1	7.6	7.4	7.6	7.4	7.6	7.4
Females	6.9	6.5	6.4	6.6	6.4	6.6	6.5
<i>Median age at death</i>							
Males	71.0	71.9	72.2	72.6	72.9	73.5	73.5
Females	77.9	78.7	78.8	79.3	79.5	80.2	80.3
<i>Age-specific death rates</i>							
Age group (years)							
Males							
Under 1	11.0	9.1	7.9	7.9	6.9	6.5	6.1
1-9	0.4	0.3	0.3	0.3	0.3	0.3	0.3
10-19	0.7	0.6	0.6	0.5	0.5	0.5	0.5
20-29	1.5	1.4	1.3	1.2	1.2	1.2	1.2
30-39	1.4	1.4	1.5	1.4	1.5	1.4	1.5
40-49	2.9	2.6	2.5	2.5	2.3	2.4	2.3
50-59	9.2	7.3	6.9	6.7	6.4	6.1	5.8
60-69	23.6	20.7	19.8	19.9	18.8	18.8	17.8
70-79	58.6	52.1	50.0	50.5	47.7	48.2	45.2
80 and over	150.9	131.7	129.6	131.9	128.7	132.6	126.8
Females							
Under 1	8.7	7.2	6.3	6.0	5.3	5.2	5.1
1-9	0.3	0.2	0.2	0.2	0.2	0.2	0.2
10-19	0.3	0.3	0.3	0.2	0.3	0.2	0.3
20-29	0.5	0.5	0.5	0.4	0.4	0.4	0.4
30-39	0.7	0.6	0.7	0.6	0.7	0.6	0.6
40-49	1.8	1.5	1.4	1.4	1.4	1.4	1.4
50-59	4.9	4.1	3.9	4.0	3.7	3.6	3.5
60-69	11.8	10.7	10.4	10.2	9.9	9.9	9.6
70-79	33.3	30.2	29.0	28.8	27.5	27.1	26.1
80 and over	116.1	102.7	98.7	103.2	98.3	102.7	98.8
<i>Expectation of life</i>							
Males							
Age 0	72.4	73.9	74.4	74.5	75.0	75.0	75.0
Age 1	72.2	73.6	74.0	74.1	74.5	74.5	74.5
Age 25	49.3	50.5	50.8	50.9	51.3	51.3	51.3
Age 45	30.5	31.8	32.1	32.1	32.5	32.6	32.5
Age 65	14.4	15.2	15.5	15.4	15.7	15.7	15.7
Females							
Age 0	78.8	80.1	80.4	80.4	80.9	80.9	80.8
Age 1	78.5	79.7	79.9	79.9	80.3	80.4	80.3
Age 25	55.0	56.1	56.3	56.3	56.7	57.2	56.7
Age 45	35.7	36.8	37.0	37.0	37.4	37.7	37.3
Age 65	18.3	19.0	19.3	19.2	19.5	19.7	19.5

See footnotes at end of table.

**2 DEATHS: SUMMARY(a), AUSTRALIA—continued**

	1985	1990	1991	1992	1993	1994	1995
<b>DEATHS</b>							
<i>Principal causes of death (proportion)</i>							
Males							
Neoplasms	24.7	27.0	27.7	27.9	28.8	29.0	29.3
Diseases of the circulatory system	45.2	41.8	41.5	41.0	40.5	40.1	39.6
Diseases of the respiratory system	9.0	8.5	8.4	9.0	8.4	8.6	8.2
Diseases of the digestive system	3.2	3.3	3.3	3.1	3.0	2.9	3.0
All other diseases	9.4	10.9	10.8	11.1	11.6	11.9	12.1
External causes	8.6	8.6	8.4	7.9	7.8	7.5	7.8
Females							
Neoplasms	22.2	24.0	25.2	24.2	25.6	24.7	25.4
Diseases of the circulatory system	52.2	49.2	48.0	48.4	47.5	47.0	46.1
Diseases of the respiratory system	6.3	6.4	6.4	7.1	6.7	7.0	6.8
Diseases of the digestive system	3.5	3.6	3.6	3.3	3.2	3.2	3.2
All other diseases	11.6	12.6	12.6	13.0	13.5	14.4	14.6
External causes	4.3	4.2	4.2	3.9	3.5	3.5	3.8
<b>INFANT DEATHS</b>							
<b>Total infant deaths</b>	<b>2,452</b>	<b>2,145</b>	<b>1,836</b>	<b>1,843</b>	<b>1,591</b>	<b>1,512</b>	<b>1,449</b>
Males	1,398	1,224	1,049	1,073	918	866	807
Females	1,054	921	787	770	673	646	642
Sex ratio	132.6	132.9	133.3	139.4	136.4	134.1	125.7
<i>Infant mortality rates</i>	9.9	8.2	7.1	7.0	6.7	5.9	5.7
Males	11.0	9.1	7.9	7.9	6.9	6.5	6.1
Females	8.7	7.2	6.3	6.0	5.3	5.2	5.1
<i>Age at death</i>							
Males							
Under 1 day	445	422	370	415	321	326	313
1 day and under 1 week	235	159	159	160	140	153	118
1 week and under 1 month	174	147	110	121	123	107	103
1 month and under 1 year	544	496	410	377	334	280	273
Females							
Under 1 day	353	302	279	315	252	238	241
1 day and under 1 week	194	153	138	111	104	113	97
1 week and under 1 month	131	92	86	80	77	71	85
1 month and under 1 year	376	374	284	264	240	224	219

(a) See Glossary for definitions of terms used.

NOTE: *Year of occurrence* data are subject to revision as a number of late registrations are reported each year. These revisions have minimal effects on the figures except those of the most recent 1 or 2 years.

### 3 DEATHS: YEAR OF OCCURRENCE, NUMBER REGISTERED, STATES AND TERRITORIES preliminary

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Australia</i>
1985	43,443	30,990	18,717	10,441	8,956	3,678	673	909	—	117,807
1990	43,069	30,709	19,288	10,838	9,419	3,733	812	1,076	—	118,944
1991	42,550	30,957	19,078	11,139	9,305	3,633	772	1,122	—	118,556
1992	43,994	31,743	20,437	11,239	9,986	3,742	758	1,046	—	122,945
1993	42,507	31,122	20,060	11,326	10,289	3,632	751	1,113	7	120,807
1994	45,134	32,335	21,677	11,624	10,280	3,909	793	1,222	9	126,983
1995	44,432	32,394	20,887	11,288	10,403	3,749	799	1,146	8	125,106

### 4 YEAR OF OCCURRENCE, CRUDE DEATH RATES, STATES AND TERRITORIES preliminary

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Australia</i>
1985	7.9	7.5	7.3	7.6	6.3	8.3	4.5	3.6	—	7.5
1990	7.4	7.0	6.7	7.6	5.8	8.1	5.0	3.8	—	7.0
1991	7.2	7.0	6.4	7.7	5.7	7.8	4.7	3.9	—	6.9
1992	7.4	7.1	6.7	7.7	6.0	8.0	4.5	3.6	—	7.0
1993	7.1	7.0	6.4	7.7	6.1	7.7	4.4	3.7	n.p.	6.8
1994	7.5	7.2	6.8	7.9	6.0	8.3	4.6	4.1	n.p.	7.1
1995	7.3	7.2	6.4	7.7	6.0	7.9	4.6	3.8	n.p.	6.9

**5 DEATHS: SUMMARY(a), DEATHS REGISTERED IN AUSTRALIA, SELECTED COUNTRY OF BIRTH OF DECEASED, 1995**

	Country of birth of male deaths														
	Australia	Former Yugoslavia	China	Former Yugoslav Republics	Germany	Greece	India	Indonesia	Italy	Lebanon	Malaysia	Netherlands	New Zealand	UK & Ireland	USA
<b>Deaths</b>	<b>46,619</b>	<b>323</b>	<b>846</b>	<b>662</b>	<b>633</b>	<b>272</b>	<b>106</b>	<b>1,933</b>	<b>163</b>	<b>71</b>	<b>620</b>	<b>734</b>	<b>7,831</b>	<b>178</b>	<b>155</b>
Population '000(b)	6,908.7	46.5	94.5	58.3	74.0	40.6	21.3	138.9	43.2	44.2	50.9	149.1	609.8	31.5	74.0
Death rate(c)	6.7	6.9	9.0	11.4	8.6	6.7	5.0	13.9	3.8	1.6	12.2	4.9	12.8	5.7	2.1
Median age at death	73.5	75.9	67.5	67.9	69.0	72.4	66.5	72.8	67.5	(d)	73.6	67.7	75.9	73.1	58.0
Median duration of residence	..	14.6	34.3	40.5	39.2	25.8	20.5	42.8	26.3	(d)	41.3	21.1	40.0	26.8	8.8
<i>Age at death</i>															
Under 1	803	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1-9	298	1	—	—	1	—	—	—	—	—	2	—	—	—	—
10-19	578	—	—	—	1	—	—	—	—	1	4	—	—	—	7
20-29	1,504	2	4	8	2	7	4	1	1	7	3	2	50	60	4
30-39	1,738	7	14	14	1	8	4	6	6	7	3	7	70	144	8
40-49	2,092	12	45	58	24	11	13	48	19	7	26	78	262	16	19
50-59	3,496	21	174	93	22	16	154	25	9	61	84	562	16	14	—
60-69	8,190	50	239	197	70	22	546	31	18	144	117	1,353	25	34	—
70-79	13,995	109	192	161	145	76	31	585	36	19	215	133	2,443	74	28
80 and over	13,924	121	178	131	147	78	15	593	37	6	165	194	2,995	35	13
Not stated	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Principal causes of death (proportion)</i>															
Neoplasms	28.5	33.1	33.6	34.0	37.3	21.7	30.2	37.8	20.2	28.2	36.3	26.7	31.7	30.3	29.0
Diseases of the circulatory system	39.0	40.6	38.3	41.2	36.5	51.8	48.1	37.6	50.9	40.8	42.3	35.1	41.2	36.0	18.1
Diseases of the respiratory system	8.4	6.8	5.6	3.6	5.1	6.3	6.6	6.1	5.5	5.6	6.0	7.8	9.6	5.6	10.3
Diseases of the digestive system	2.9	3.1	4.8	3.3	1.7	2.6	—	4.1	0.6	1.4	2.9	1.9	2.8	2.2	1.9
All other diseases	12.8	11.8	10.0	10.1	13.9	11.0	7.5	11.1	12.3	11.3	8.1	11.0	9.9	13.5	16.8
External causes	8.4	4.6	7.7	7.7	5.5	6.6	7.5	3.4	10.4	12.7	4.5	17.4	4.7	12.4	23.9

See footnotes at end of table.

## 5 DEATHS: SUMMARY(a), DEATHS REGISTERED IN AUSTRALIA, SELECTED COUNTRY OF BIRTH OF DECEASED, 1995—continued

	Country of birth of female deaths														
	Former Yugoslav Republics														
	Australia	China	Germany	Greece	India	Indonesia	Italy	Lebanon	Malaysia	Nether- lands	New Zealand	UK & Ireland	USA	Viet Nam	
<b>Deaths</b>	<b>43,708</b>	<b>309</b>	<b>448</b>	<b>556</b>	<b>391</b>	<b>212</b>	<b>71</b>	<b>1,221</b>	<b>104</b>	<b>69</b>	<b>456</b>	<b>524</b>	<b>7,114</b>	<b>88</b>	<b>106</b>
Population '000(b)	7,022.9	46.2	85.3	60.4	70.7	38.5	20.9	122.6	38.9	47.4	46.8	141.0	601.0	27.3	72.5
Death rate(c)	6.2	6.7	5.3	9.2	5.5	5.5	3.4	10.0	2.7	1.5	9.7	3.7	11.8	3.2	1.5
Median age at death	80.3	77.9	73.5	75.3	76.2	80.2	(d)	79.8	72.5	(d)	77.2	80.8	82.5	(d)	69.2
Median duration of residence	..	15.6	31.6	40.8	34.1	26.0	(d)	40.0	20.2	(d)	41.5	35.6	42.4	(d)	9.8
<i>Age at death</i>															
Under 1	640	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1-9	236	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10-19	301	—	1	1	1	—	—	1	1	—	—	—	3	1	1
20-29	474	4	2	2	—	—	—	2	3	2	2	—	7	4	3
30-39	700	8	6	6	3	3	4	3	3	6	6	1	22	9	28
40-49	1,252	9	22	28	23	7	6	27	5	10	16	29	168	2	8
50-59	2,173	15	65	36	56	10	5	69	19	9	33	38	312	6	11
60-69	4,828	45	94	113	77	24	10	181	17	18	69	49	734	14	21
70-79	10,719	96	93	163	65	61	21	334	27	12	169	89	1,649	20	28
80 and over	22,385	132	165	207	166	107	22	603	31	12	168	278	4,149	29	22
Not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Principal causes of death (proportion)</i>															
Neoplasms	24.4	31.1	39.1	32.2	36.3	21.2	29.6	31.0	26.9	47.8	34.9	27.9	42.0	32.1	
Diseases of the circulatory system	46.4	41.4	37.1	41.7	39.1	48.1	42.3	45.1	48.1	26.1	41.2	41.8	47.1	28.4	
Diseases of the respiratory system	7.1	4.2	2.5	4.7	4.1	5.7	8.5	4.8	2.9	4.3	5.5	6.1	7.6	10.2	7.5
Diseases of the digestive system	3.3	2.6	3.8	3.2	1.5	3.3	5.6	1.9	—	8.7	2.9	3.2	3.3	—	4.7
All other diseases	14.9	12.9	13.2	14.9	14.6	18.4	8.5	15.1	20.2	8.7	12.1	13.9	13.3	13.6	14.2
External causes	3.9	7.8	4.5	3.2	4.3	3.3	5.6	2.1	1.9	4.3	3.5	7.1	2.9	5.7	10.4

(a) See Glossary for definitions of terms used. (b) Estimated male or female resident population by country of birth, 1995 preliminary. (c) Per 1,000 male or female estimated resident population by country of birth, 1995 preliminary. (d) Not statistically reliable due to the small numbers involved.

**6 DEATHS: SUMMARY, AUSTRALIA AND SELECTED COUNTRIES**

OVERVIEW

	Australia	Canada	Germany: Former Yugoslav Republic	Germany: Former Federal Democratic Republic	Greece	Hong Kong	Italy	Japan	Korea, Republic of	Nether- lands	New Zealand	Poland	United Kingdom of America
<i>Crude death rate</i>													
Reference period	1995	1990	1990	1989	1989	1992	1990	1992	1990	1992	1991	1992	1991
Rate	7.4	7.9	9.6	10.9	11.4	10.1	5.8	10.0	7.6	6.4	8.8	8.6	10.9
<i>Infant mortality rate</i>													
Reference period	1995	1990	1990	(a)	(a)	na	na	1989	1992	na	1992	1991	1991
Rate	6.1	7.5	20.5	(a)	(a)	na	na	9.4	5.0	na	7.5	na	10.0
<i>Expectation of life (years)</i>													
Reference period	1993-95	1988-87	1989-90	1985-87	1988-89	1980	1992	1989	1992	1991-92	1990-92	1991	1992
Age 0	75.0	73.0	69.1	71.8	70.0	72.2	74.8	73.5	76.1	66.9	74.2	72.9	73.5
Age 1	74.5	72.6	69.7	71.5	69.7	72.8	74.1	73.2	75.5	66.7	73.8	72.5	72.0
Age 25	51.3	49.6	46.5	48.3	46.5	49.7	50.6	49.9	52.1	43.9	50.4	49.8	71.8
Age 45	32.5	30.9	28.1	29.3	28.0	30.9	31.6	31.0	33.0	26.1	31.3	30.8	48.9
Age 65	15.7	14.9	13.3	13.8	12.8	14.6	15.2	16.3	11.8	14.6	14.8	12.2	15.3
<i>Age-specific death rates</i>													
Reference period	1995	1990	1990	1989	1989	1992	1992	1990	1990	1992	1992	1991	1992
Under 1(h)	6.1	7.5	20.5	(a)	(a)	na	na	9.4	5.0	na	7.5	na	10.0
1-4	0.4	0.4	0.7	0.4	0.4	0.3	0.3	0.4	0.5	1.1	0.4	0.5	0.5
5-9	0.2	0.2	0.4	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.2
10-14	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
15-19	0.8	1.0	0.7	0.7	0.9	0.9	0.4	0.8	0.6	1.2	0.5	1.3	1.0
20-24	1.2	1.2	1.1	1.0	1.1	1.2	0.6	1.1	0.7	1.5	0.7	1.7	0.9
25-29	1.2	1.2	1.3	1.0	1.2	1.2	0.8	1.3	0.7	1.9	0.8	1.6	1.8
30-34	1.4	1.5	1.6	1.3	1.7	1.2	0.9	1.4	0.8	2.5	0.9	1.4	2.2
35-39	1.6	1.8	2.4	1.7	2.5	1.4	1.4	1.5	1.2	3.6	1.2	1.8	2.8
40-44	1.9	2.3	3.5	2.6	3.5	2.0	2.0	2.1	1.9	5.3	2.0	2.1	3.5
45-49	2.7	3.6	6.0	4.4	5.6	3.4	3.4	3.3	3.1	8.7	3.1	9.8	5.0
50-54	4.5	5.9	9.8	7.1	9.3	5.8	6.2	5.7	4.9	12.0	5.2	6.2	7.4
55-59	7.5	9.9	16.1	11.9	15.3	8.6	9.5	10.0	8.4	16.7	9.1	10.8	11.9
60-64	13.5	16.6	24.1	18.6	22.6	14.6	16.0	16.9	13.4	26.2	16.1	17.1	18.6
65-69	22.4	26.0	35.3	30.2	36.8	24.6	25.4	26.5	19.7	39.9	26.9	28.6	30.2
70-74	36.9	41.1	52.5	47.0	57.8	38.8	41.6	43.3	32.2	63.6	45.1	43.4	42.3
75-59	58.2	64.2	85.8	76.5	93.6	61.1	62.2	67.9	56.1	102.3	74.1	69.1	75.7
80-84	98.5	102.7	131.9	125.3	149.6	96.1	97.0	113.4	97.2	(c)206.0	115.1	113.8	116.7
85 and over	178.2	180.1	191.7	214.8	250.6	191.4	225.5	204.4	183.9	209.2	197.5	235.0	195.8

See footnotes at end of table.



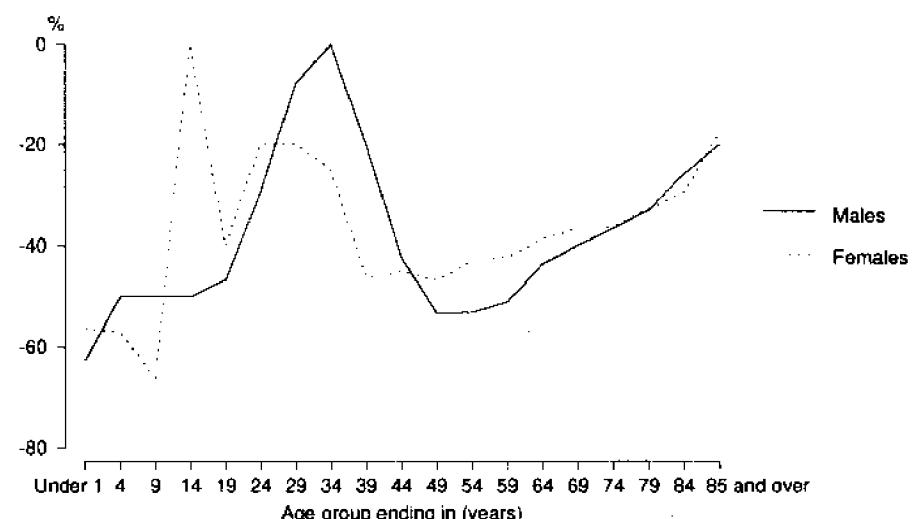
## YEAR OF REGISTRATION—NATIONAL DATA

Of the 125,100 deaths registered in Australia during 1995, 66,300 were male deaths and 58,900 were female deaths. This was a reduction of 1,200 male deaths and 300 female deaths when compared to 1994. The number of male deaths was 9% more than in 1975 and 3% more than in 1985. The number of female deaths was 22% and 8% more respectively. This reflects the increasing proportion of females at older ages in the population.

### AGE AT DEATH

When comparing 1975 and 1995 the age-specific death rates showed decreases for all but two age-sex groups. The rates for females aged 10–14 years and males aged 30–34 years remained unchanged. For male infant deaths, the rate declined by 63% while the female infant death rate declined by 57%. Over the 20-year period death rates in the 40–44 years age group declined by 42% for males and 45% for females, death rates in the 70–74 years age group declined by 38% for males and 37% for females and in the 85 years and over age group by 21% for males and 18% for females.

### PERCENTAGE DIFFERENCE OF AGE-SPECIFIC DEATH RATES BETWEEN 1975 AND 1995



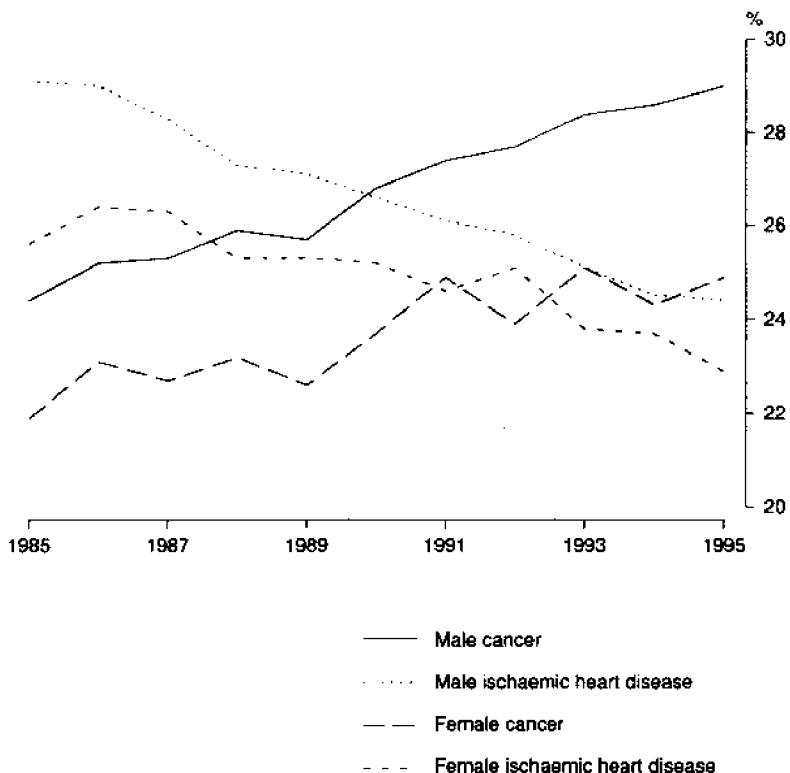
The number of males dying in 1995 was higher in all age groups up to 80–85 years than the number of females. This was reflected in both the median age at death which was 73.5 years for males and 80.3 years for females and the expectation of life at birth (75.0 years for males and 80.9 years for females).

**MARITAL STATUS**

Reflecting the age difference between male and female deaths was a marital status difference. The majority of male deaths (58%) occurred to married men while the majority of females who died (57%) were widows. Of the married men the peak age at death (6,924 or 18%) was 70–74 years while for widows the peak age at death (7,940 or 24%) was 85–89 years.

**CAUSES OF DEATH**

Malignant neoplasms (cancer) caused the highest proportion of deaths for both males (29%) and females (25%) in 1995. This continued the trend established for males in 1990 and for females in 1993 when malignant neoplasms replaced ischaemic heart disease as the leading cause of death. Ischaemic heart disease is now the second largest ranked cause of death causing 24% of male and 23% of female deaths in 1995. Apart from ischaemic heart disease, other diseases of the circulatory system, including cerebrovascular disease (stroke), contributed 15% of male and 23% of female deaths. Diseases of the respiratory system which include deaths due to asthma caused 8% of male and 7% of female deaths. External causes were responsible for twice the proportion of male deaths (8%) as female deaths (4%). For males, suicide accounted for 36% of deaths due to external causes with a further 27% caused by motor vehicle traffic accidents. For females, 28% of deaths due to external causes were the result of motor vehicle traffic accidents, 24% resulted from accidental falls and 22% were suicides.

**SELECTED CAUSES OF DEATH**

## COUNTRY OF BIRTH

While 77% of the population at 30 June 1995 were Australian-born, 72% of deaths registered in Australia during 1995 were of Australian-born people. This imbalance is due to the difference in age structure between the younger Australian-born and older overseas-born populations. Similarly, the younger New Zealand-born population had a smaller proportion of deaths than their population proportion. For most other countries of birth in the top 15 contributors to deaths, the proportions of deaths were higher than their population proportions and the median ages were around 50 years or more. All of the countries of birth in this group were European reflecting the ageing of the immediate post-war migrant intake. The main exception to this was people born in the Former Yugoslav Republics as this population has experienced substantial increase in recent years.

## COUNTRY OF BIRTH OF DEATHS REGISTERED IN AUSTRALIA

<i>Country of birth</i>	<i>Deaths</i>	<i>Population</i>	<i>Median age of population</i>
	<i>%</i>	<i>%</i>	<i>years</i>
Australia	72.2	77.2	29.8
United Kingdom and Ireland	11.9	6.7	48.1
Italy	2.5	1.4	57.4
Poland	1.1	0.4	54.3
Former USSR and Baltic States	1.0	0.3	64.9
Former Yugoslav Republics	1.0	1.0	47.3
New Zealand	1.0	1.6	35.1
Germany	1.0	0.7	50.3
Netherlands	0.9	0.5	52.5
Greece	0.8	0.8	54.1
China	0.5	0.5	40.9
Hungary	0.4	0.1	58.3
Malta	0.4	0.3	50.0
India	0.4	0.4	40.6
Egypt	0.3	0.2	49.5

In general, about half of people born in European countries who died in 1995 had been in Australia for more than 40 years. The main exception was deaths of people born in the Former Yugoslav Republics half of whom had been in Australia for 20–39 years. Deaths of people born in New Zealand were fairly evenly spread over the duration of residence groups while half the Chinese-born people who died had been in Australia less than 20 years.

7 DEATHS: AGE GROUPS, SEX

YEAR OF REGISTRATION—NATIONAL DATA

Selected years	Under 1	Age group (years)													Not stated	Total						
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89			
MALES																						
1975	1,952	446	231	252	968	992	769	698	869	1,285	2,398	3,712	4,746	6,659	7,862	8,450	7,272	5,848	3,764	1,550	15	60,738
1980	1,383	308	211	224	859	1,031	829	738	834	1,149	1,869	3,278	4,743	5,909	8,230	8,882	8,422	6,059	3,555	1,977	28	60,518
1985	1,398	277	178	198	746	1,087	894	809	890	1,111	1,580	2,510	4,445	6,492	7,629	9,837	9,592	7,660	4,438	2,361	24	64,156
1990	1,224	256	150	135	676	950	998	976	966	1,357	1,575	2,253	3,503	5,899	8,217	8,976	10,429	8,468	5,157	2,485	10	64,660
1991	1,049	195	129	138	617	907	891	947	1,067	1,294	1,646	2,244	3,252	5,659	7,969	8,973	10,409	8,904	5,105	2,665	7	64,067
1992	1,073	220	128	127	547	865	889	982	990	1,310	1,673	2,268	3,236	5,511	8,138	9,509	10,780	9,232	5,750	2,880	7	66,115
1993	918	243	117	136	521	853	844	998	1,054	1,235	1,698	2,208	3,213	5,088	7,833	9,516	10,227	9,384	5,974	3,023	6	65,089
1994	866	201	112	144	533	842	831	968	1,096	1,294	1,757	2,202	3,151	4,958	7,911	10,091	10,517	10,028	6,529	3,426	7	67,464
1995	807	206	112	130	492	916	849	1,046	1,157	1,262	1,738	2,212	3,083	4,712	7,531	9,952	9,949	10,068	6,701	3,324	4	66,251
FEMALES																						
1975	1,373	333	160	142	320	281	292	348	518	732	1,244	1,858	2,423	3,513	4,485	5,709	7,010	7,757	6,216	3,567	2	48,283
1980	1,034	215	144	136	279	339	266	383	428	629	917	1,547	2,359	3,012	4,474	5,659	6,908	7,795	6,834	4,814	5	48,177
1985	1,054	210	114	105	267	353	347	363	499	603	936	1,364	2,258	3,362	4,357	6,719	8,029	8,974	8,116	6,618	4	54,652
1990	921	168	88	94	265	298	325	375	499	705	892	1,310	1,791	3,018	4,671	6,173	8,650	9,361	8,430	7,367	1	55,402
1991	787	148	89	90	245	309	373	386	509	707	940	1,270	1,736	2,949	4,583	6,172	8,562	9,433	8,244	7,546	1	55,079
1992	770	178	97	81	216	302	294	406	496	725	980	1,320	1,807	2,840	4,471	6,353	8,710	10,196	9,102	8,199	2	57,545
1993	673	161	86	98	216	286	250	394	561	699	991	1,204	1,763	2,743	4,332	6,312	8,381	10,139	9,090	8,131	—	56,510
1994	646	160	84	104	187	255	276	352	534	740	1,056	1,272	1,770	2,622	4,389	6,480	8,358	10,922	9,937	9,081	3	59,228
1995	642	151	93	113	214	293	289	414	494	729	1,030	1,334	1,728	2,540	4,227	6,357	8,214	10,865	9,973	9,182	—	58,882

## 8 DEATHS: AGE-SPECIFIC DEATH RATES, SEX

Selected years	Age group (years)													85 & Over					
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	
MALES																			
1975	16.3	0.8	0.4	0.4	1.5	1.7	1.3	1.4	2.0	3.3	5.8	9.6	15.3	23.9	37.2	58.1	86.8	132.8	222.2
1980	11.9	0.7	0.3	0.3	1.3	1.6	1.4	1.2	1.7	2.8	4.9	8.3	13.0	20.9	33.5	52.2	82.3	123.1	202.7
1985	11.0	0.6	0.3	0.3	1.1	1.6	1.3	1.3	1.4	2.2	3.7	6.6	11.5	18.7	29.8	47.2	75.7	119.8	213.7
1990	9.1	0.5	0.2	0.2	0.9	1.4	1.4	1.4	1.5	2.1	3.1	5.4	9.5	16.0	26.2	41.2	67.5	104.8	183.9
1991	7.9	0.4	0.2	0.2	0.9	1.3	1.3	1.3	1.6	2.0	3.1	5.2	8.9	15.4	24.9	39.3	65.5	105.5	175.7
1992	7.9	0.4	0.2	0.2	0.8	1.2	1.3	1.4	1.5	2.0	3.0	5.1	8.7	15.2	25.0	39.8	66.4	104.4	180.5
1993	6.9	0.5	0.2	0.2	0.8	1.2	1.2	1.4	1.5	1.9	2.8	4.8	8.4	14.3	23.7	38.0	62.4	100.9	177.0
1994	6.5	0.4	0.2	0.2	0.8	1.1	1.2	1.3	1.6	2.0	2.8	4.6	8.0	14.1	23.7	38.4	63.8	102.7	187.5
1995	6.1	0.4	0.2	0.2	0.8	1.2	1.2	1.4	1.6	1.9	2.7	4.5	7.5	13.5	22.4	36.9	58.2	98.5	178.2
FEMALES																			
1975	12.1	0.7	0.3	0.2	0.5	0.5	0.5	0.8	1.3	2.0	3.2	4.9	7.6	11.7	18.7	30.9	51.6	89.7	174.9
1980	9.4	0.5	0.2	0.2	0.4	0.5	0.4	0.7	0.9	1.6	2.5	4.1	6.4	9.8	15.8	26.3	45.6	79.8	163.1
1985	8.7	0.4	0.2	0.2	0.4	0.5	0.5	0.6	0.8	1.2	2.3	3.7	6.0	9.1	14.6	25.6	43.0	76.4	158.4
1990	7.2	0.3	0.1	0.2	0.4	0.4	0.5	0.5	0.8	1.1	1.9	3.3	5.0	8.1	13.4	22.8	39.2	67.2	149.6
1991	6.3	0.3	0.1	0.1	0.4	0.4	0.5	0.5	0.8	1.1	1.9	3.1	4.8	8.0	13.0	21.9	38.0	64.9	143.5
1992	6.0	0.4	0.2	0.1	0.3	0.4	0.4	0.6	0.7	1.1	1.8	3.1	4.9	7.8	12.7	21.7	38.0	67.3	148.9
1993	5.3	0.3	0.1	0.2	0.3	0.4	0.4	0.5	0.8	1.1	1.7	2.8	4.7	7.7	12.2	20.8	36.2	64.4	141.4
1994	5.2	0.3	0.1	0.2	0.3	0.4	0.4	0.5	0.8	1.1	1.8	2.8	4.6	7.4	12.3	20.5	36.1	66.3	150.0
1995	5.1	0.3	0.1	0.2	0.3	0.4	0.4	0.6	0.7	1.1	1.7	2.8	4.4	7.2	11.9	19.7	34.8	63.4	144.5

## YEAR OF REGISTRATION—NATIONAL DATA

## 9 DEATHS: AGE AT DEATH, SEX, MARITAL STATUS, 1995

Age at death (years)	Males					Females					Not stated	Total
	Never married	Married	Widowed	Divorced	Not stated	Total	Never married	Married	Widowed	Divorced		
Under 1	807	—	—	—	—	807	642	—	—	—	—	642
1-4	206	—	—	—	—	206	151	—	—	—	—	151
5-9	112	—	—	—	—	112	93	—	—	—	—	93
10-14	130	—	—	—	—	130	113	—	—	—	—	113
15-19	477	1	—	—	14	492	207	—	—	—	7	214
20-24	840	51	—	4	21	916	257	26	—	2	8	293
25-29	657	144	1	22	25	849	173	95	2	8	11	289
30-34	626	319	2	65	34	1,046	145	220	7	33	9	414
35-39	524	452	12	136	33	1,157	138	273	3	63	17	494
40-44	372	663	6	180	41	1,262	110	467	19	107	26	729
45-49	369	1,024	26	266	53	1,738	106	700	37	169	18	1,030
50-54	355	1,403	36	356	62	2,212	112	897	88	206	31	1,334
55-59	464	2,013	113	406	87	3,083	138	1,149	215	204	22	1,728
60-64	546	3,247	257	574	88	4,712	141	1,611	507	252	29	2,540
65-69	873	5,103	690	719	146	7,531	241	2,170	1,446	336	34	4,227
70-74	841	6,924	1,347	693	147	9,952	338	2,776	2,866	340	37	6,357
75-79	747	6,562	2,043	514	83	9,949	529	2,507	4,796	342	40	8,214
80-84	696	6,005	2,936	368	63	10,068	727	2,134	7,677	284	43	10,865
85-89	451	3,259	2,781	162	48	6,701	777	1,015	7,940	213	28	9,973
90 and over	195	1,073	1,999	47	10	3,324	836	338	7,862	126	20	9,182
Not stated	2	—	—	—	2	4	—	—	—	—	—	—
<b>Total</b>	<b>10,290</b>	<b>38,243</b>	<b>12,249</b>	<b>4,512</b>	<b>957</b>	<b>66,251</b>	<b>5,974</b>	<b>16,378</b>	<b>33,465</b>	<b>2,685</b>	<b>380</b>	<b>58,882</b>









## YEAR OF REGISTRATION—STATE AND TERRITORY DATA

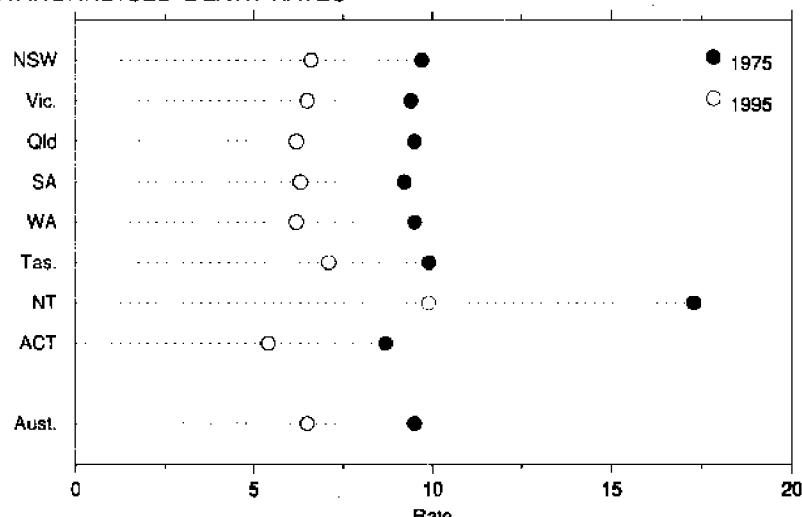
Between 1994, when the largest ever number of deaths was registered, and 1995, the number of deaths in Queensland, South Australia and Tasmania decreased by between 4% and 5%. Together with a decline of 9% in the Australian Capital Territory, minor increases in the other States and a 5% increase in the Northern Territory this resulted in an Australia-wide decrease of 1% or 1,600 deaths.

Between 1975 and 1995 the number of deaths increased by 15% overall but the distribution of this increase was affected by the amount of change in the populations of the States and Territories. Those States with low population growth, New South Wales, Victoria, South Australia and Tasmania, experienced increases in deaths of 10%, 10%, 13% and 12% respectively. Over the same period Queensland deaths increased by 27%, Western Australia by 30%, the Northern Territory by 28% and the Australian Capital Territory by 67%.

The State and Territory proportions of deaths in 1995 varied slightly from the proportions of the population. The States with older age structures, New South Wales, Victoria, South Australia and Tasmania had higher proportions of deaths than population while Queensland, Western Australia, the Australian Capital Territory and the Northern Territory had lower proportions.

The standardised death rate for Australia decreased by 32% between 1975 and 1995. New South Wales, Victoria and South Australia had decreases similar to Australia, although the Tasmanian decrease was lower at 28%. Queensland and Western Australia showed a 35% decrease in standardised death rates, while the rate for the Australian Capital Territory decreased by 38% and for the Northern Territory by 43%. Despite this large decrease, the standardised death rate for the Northern Territory was still 52% larger than the Australian rate in 1995, reflecting high death rates of its large Indigenous population. The Australian Capital Territory had the lowest standardised death rate, 17% below the national rate.

### STANDARDISED DEATH RATES



Between 1994 and 1995 the standardised death rates decreased in all States and Territories.

AGE AT DEATH

Overall, the median age at death was 76.6 years in 1995. South Australia had the highest median age at death (77.5 years) as well as the highest median age of male deaths (74.3 years). Victoria had the highest median age of female deaths at 80.9 years and the second highest median age of all deaths at 77.3 years. The Northern Territory had the lowest median ages at death for both males (54.0 years) and females (60.4 years).

CAUSES OF DEATH

The Australian Capital Territory had the highest proportion of deaths caused by neoplasms, 32% of male deaths and 35% of female. South Australia had the highest proportion of deaths caused by diseases of the circulatory systems with 41% of male deaths and 48% of female deaths. The Northern Territory had more than twice the Australian proportion of deaths due to diseases of the respiratory system for females (15%) and of deaths due to external causes (21% of male deaths and 9% of female deaths). The Northern Territory had the lowest proportion of deaths due to neoplasms and diseases of the circulatory system, while Victoria had the lowest proportion due to external causes. The Australian Capital Territory had the lowest proportion of deaths caused by diseases of the respiratory system.

YEAR OF OCCURRENCE

Nearly 5% of deaths registered in 1995 had occurred in previous years, mainly in 1994. This proportion varied from just over 3% in South Australia to almost 10% in the Northern Territory.

## 14 DEATHS: NUMBER REGISTERED, SEX

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
MALES										
1975	22,397	16,095	9,432	5,457	4,686	1,859	413	399	..	60,738
1980	22,336	16,115	9,420	5,274	4,655	1,951	323	444	..	60,518
1985	23,840	16,516	10,443	5,570	4,921	1,974	404	488	..	64,156
1990	23,506	16,321	10,694	5,833	5,152	2,046	514	594	..	64,660
1991	22,661	16,508	10,624	5,924	5,226	2,024	495	605	..	64,067
1992	23,969	16,816	11,174	5,812	5,352	1,939	475	578	..	66,115
1993	22,925	16,389	11,058	6,015	5,632	1,965	469	632	4	65,089
1994	23,690	16,765	11,896	6,241	5,598	2,136	489	644	5	67,464
1995	23,612	16,960	11,112	5,879	5,617	1,952	521	593	5	66,251
FEMALES										
1975	18,236	13,484	6,835	4,468	3,268	1,498	224	270	..	48,283
1980	18,088	13,338	6,976	4,296	3,492	1,471	173	344	..	48,177
1985	20,424	14,837	8,186	4,926	3,915	1,719	237	408	..	54,652
1990	20,307	14,665	8,627	5,105	4,255	1,667	268	508	..	55,402
1991	19,806	14,708	8,551	5,252	4,302	1,662	307	491	..	55,079
1992	20,832	15,135	9,322	5,113	4,546	1,800	301	496	..	57,545
1993	20,144	14,808	8,914	5,513	4,684	1,672	296	478	1	56,510
1994	21,073	15,588	9,759	5,469	4,695	1,775	287	578	4	59,228
1995	21,161	15,465	9,551	5,339	4,747	1,802	292	521	4	58,882
PERSONS										
1975	40,633	29,579	16,267	9,925	7,954	3,357	637	669	..	109,021
1980	40,424	29,453	16,396	9,569	8,147	3,422	496	788	..	108,695
1985	44,264	31,353	18,629	10,496	8,836	3,693	641	896	..	118,808
1990	43,813	30,986	19,321	10,938	9,407	3,713	782	1,102	..	120,062
1991	42,467	31,216	19,175	11,176	9,528	3,686	802	1,096	..	119,146
1992	44,801	31,951	20,496	10,925	9,898	3,739	776	1,074	..	123,660
1993	43,069	31,197	19,972	11,528	10,316	3,637	765	1,110	5	121,599
1994	44,763	32,353	21,655	11,710	10,293	3,911	776	1,222	9	126,692
1995	44,773	32,425	20,663	11,218	10,364	3,754	813	1,114	9	125,133

## 15 STANDARDISED DEATH RATES: SEX

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
MALES										
1975	12.9	12.5	12.4	12.2	12.8	13.1	21.4	11.9	..	12.6
1980	11.7	11.5	10.9	10.6	11.0	12.5	16.4	10.2	..	11.4
1985	10.8	10.4	10.4	9.8	9.9	11.2	13.7	8.8	..	10.4
1990	9.6	9.0	9.1	9.0	8.5	10.3	14.1	8.3	..	9.2
1991	9.0	8.9	8.7	9.0	8.4	10.1	13.4	8.4	..	8.9
1992	9.3	8.8	8.8	8.5	8.3	9.4	12.4	7.6	..	8.9
1993	8.6	8.4	8.4	8.6	8.4	9.4	11.9	7.8	n.p.	8.5
1994	8.8	8.5	8.7	8.8	8.2	10.0	12.1	7.8	n.p.	8.7
1995	8.5	8.3	7.7	8.1	7.9	9.0	11.8	7.0	n.p.	8.3
FEMALES										
1975	7.7	7.5	7.5	7.3	7.2	8.1	13.7	6.8	..	7.6
1980	6.7	6.7	6.3	6.1	6.4	7.1	10.4	6.3	..	6.5
1985	6.3	6.3	6.1	6.0	6.0	6.9	9.3	5.4	..	6.2
1990	5.7	5.5	5.4	5.4	5.1	6.1	8.6	5.5	..	5.5
1991	5.4	5.4	5.2	5.4	5.0	5.9	8.8	5.0	..	5.3
1992	5.5	5.3	5.4	5.1	5.1	6.2	9.5	4.9	..	5.4
1993	5.2	5.1	4.9	5.3	5.1	5.6	8.2	4.4	n.p.	5.1
1994	5.2	5.1	5.1	5.0	4.9	5.7	9.2	5.1	n.p.	5.2
1995	5.2	5.1	4.9	4.9	4.8	5.7	8.0	4.4	n.p.	5.1
PERSONS										
1975	9.7	9.4	9.5	9.2	9.5	9.9	17.3	8.7	..	9.5
1980	8.8	8.6	8.4	8.0	8.4	9.4	11.6	8.0	..	8.6
1985	8.2	8.0	8.0	7.6	7.7	8.8	11.3	6.7	..	8.0
1990	7.4	7.0	7.0	7.0	6.6	7.9	11.4	6.7	..	7.2
1991	7.0	6.9	6.7	6.9	6.5	7.7	11.1	6.4	..	6.9
1992	7.1	6.8	6.9	6.6	6.5	7.6	11.0	6.0	..	6.9
1993	6.7	6.5	6.5	6.7	6.6	7.2	10.0	5.9	n.p.	6.6
1994	6.8	6.6	6.7	6.7	6.4	7.6	10.8	6.3	n.p.	6.7
1995	6.6	6.5	6.2	6.3	6.2	7.1	9.9	5.4	n.p.	6.5

## 16 CRUDE DEATH RATES: SEX

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
MALES										
1975	9.1	8.5	9.1	8.7	8.0	9.1	8.1	3.9	..	8.7
1980	8.7	8.3	8.3	8.1	7.3	9.2	5.1	3.9	..	8.3
1985	8.7	8.1	8.1	8.2	6.9	9.0	5.1	3.9	..	8.1
1990	8.1	7.5	7.4	8.2	6.3	8.9	6.0	4.2	..	7.6
1991	7.7	7.5	7.2	8.3	6.3	8.7	5.7	4.2	..	7.4
1992	8.1	7.6	7.4	8.0	6.4	8.3	5.4	3.9	..	7.6
1993	7.7	7.4	7.1	8.3	6.7	8.4	5.3	4.2	n.p.	7.4
1994	7.9	7.6	7.4	8.6	6.6	9.1	5.5	4.3	n.p.	7.6
1995	7.8	7.6	6.8	8.0	6.5	8.3	5.8	3.9	n.p.	7.4
FEMALES										
1975	7.4	7.1	6.7	7.0	5.8	7.3	5.5	2.8	..	7.0
1980	6.9	6.8	6.2	6.5	5.6	6.9	3.1	3.1	..	6.5
1985	7.5	7.2	6.4	7.1	5.6	7.7	3.4	3.2	..	6.9
1990	6.9	6.6	6.0	7.1	5.3	7.2	3.4	3.6	..	6.5
1991	6.7	6.6	5.8	7.2	5.3	7.1	3.9	3.4	..	6.4
1992	7.0	6.7	6.2	7.0	5.5	7.6	3.8	3.4	..	6.6
1993	6.7	6.6	5.7	7.5	5.6	7.0	3.6	3.2	n.p.	6.4
1994	6.9	6.9	6.1	7.4	5.5	7.5	3.5	3.9	n.p.	6.6
1995	6.9	6.8	5.8	7.2	5.5	7.6	3.5	3.5	n.p.	6.5
PERSONS										
1975	8.2	7.8	7.9	7.8	6.9	8.2	6.9	3.4	..	7.8
1980	7.8	7.5	7.2	7.3	6.4	8.1	4.2	3.5	..	7.4
1985	8.1	7.6	7.2	7.7	6.2	8.3	4.3	3.6	..	7.5
1990	7.5	7.1	6.7	7.6	5.8	8.0	4.8	3.9	..	7.0
1991	7.2	7.1	6.5	7.7	5.8	7.9	4.8	3.8	..	6.9
1992	7.5	7.2	6.8	7.5	6.0	8.0	4.6	3.7	..	7.1
1993	7.2	7.0	6.4	7.9	6.2	7.7	4.5	3.7	n.p.	6.9
1994	7.4	7.2	6.8	8.0	6.1	8.3	4.5	4.1	n.p.	7.1
1995	7.3	7.2	6.3	7.6	6.0	7.9	4.7	3.7	n.p.	6.9



**18 DEATHS: STATE OR TERRITORY OF USUAL RESIDENCE, STATE OR TERRITORY OF REGISTRATION, 1995**

State or Territory of usual residence	State or Territory of registration								
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust
New South Wales	44,036	200	303	41	12	5	10	166	44,773
Victoria	184	32,064	83	47	16	14	9	8	32,425
Queensland	219	60	20,351	13	7	1	9	3	20,663
South Australia	24	36	10	11,122	10	1	11	4	11,218
Western Australia	11	15	12	11	10,298	1	15	1	10,364
Tasmania	4	13	13	3	4	3,716	1	—	3,754
Northern Territory	2	2	16	31	6	—	756	—	813
Australian Capital Territory	54	8	1	1	2	1	1	1,046	1,114
Other Territories	3	—	—	—	6	—	—	—	9
<b>Australia</b>	<b>44,537</b>	<b>32,398</b>	<b>20,789</b>	<b>11,269</b>	<b>10,361</b>	<b>3,739</b>	<b>812</b>	<b>1,228</b>	<b>125,133</b>

**19 DEATHS REGISTERED: YEAR OF OCCURRENCE, 1995**

Year of occurrence	State or Territory of registration								
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust
Before 1987	5	3	—	1	2	—	—	—	11
1987	—	—	—	—	—	—	—	—	—
1988	3	1	—	—	—	—	—	—	4
1989	1	—	—	—	—	—	—	—	1
1990	1	2	—	—	—	—	—	—	3
1991	—	4	4	1	—	1	1	—	11
1992	2	14	5	—	3	—	—	—	24
1993	3	21	15	2	9	—	5	—	55
1994	2,040	1,471	1,305	371	377	178	72	43	5,857
1995	42,482	30,882	19,460	10,894	9,970	3,560	734	1,185	119,167
<b>Total</b>	<b>44,537</b>	<b>32,398</b>	<b>20,789</b>	<b>11,269</b>	<b>10,361</b>	<b>3,739</b>	<b>812</b>	<b>1,228</b>	<b>125,133</b>

(a) See paragraph 2 of the Explanatory Notes.

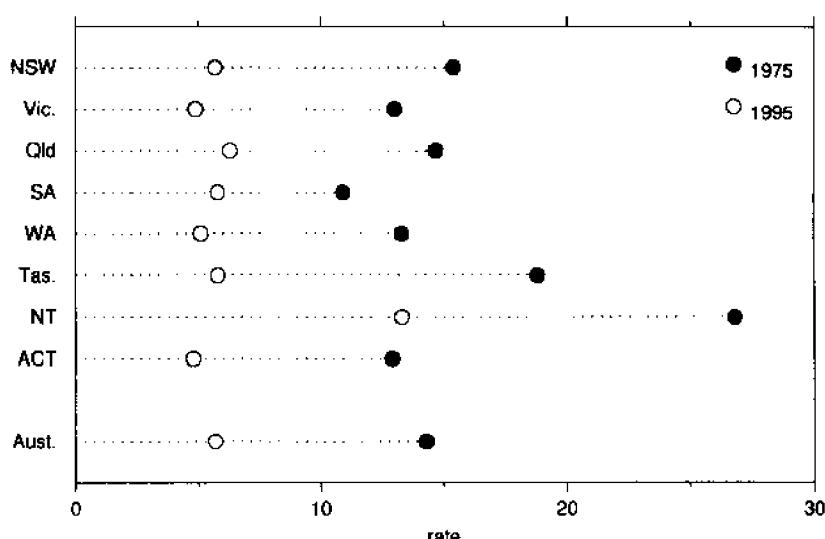


## YEAR OF REGISTRATION—INFANT DEATHS ..

Infant deaths continued to decrease in 1995. There were 1,400 infant deaths in 1995 compared to 2,500 in 1985 (a decrease of 41%) and 3,300 in 1975 (a decrease of 56%). These decreases are reflected in the infant mortality rate which decreased by 42% between 1985 and 1995 (from 9.9 deaths per 1,000 live births to 5.7) and by 60% between 1975 (14.3 per 1,000 live births) and 1995.

While the infant mortality rate for Australia declined by 60% between 1975 and 1995, the declines in the States and Territories varied quite markedly. Tasmania had the largest decrease (69%) and South Australia the smallest (47%). In addition to South Australia, only Queensland (57%) and the Northern Territory (50%) had decreases less than the national average.

### INFANT MORTALITY RATES



In 1995, infant mortality rates were highest in the Northern Territory and Queensland, 13.3 and 6.3 per 1,000 live births respectively, compared to a national average of 5.7. The Australian Capital Territory had the lowest infant mortality rate at 4.8 per 1,000 live births followed closely by Victoria with 4.9.

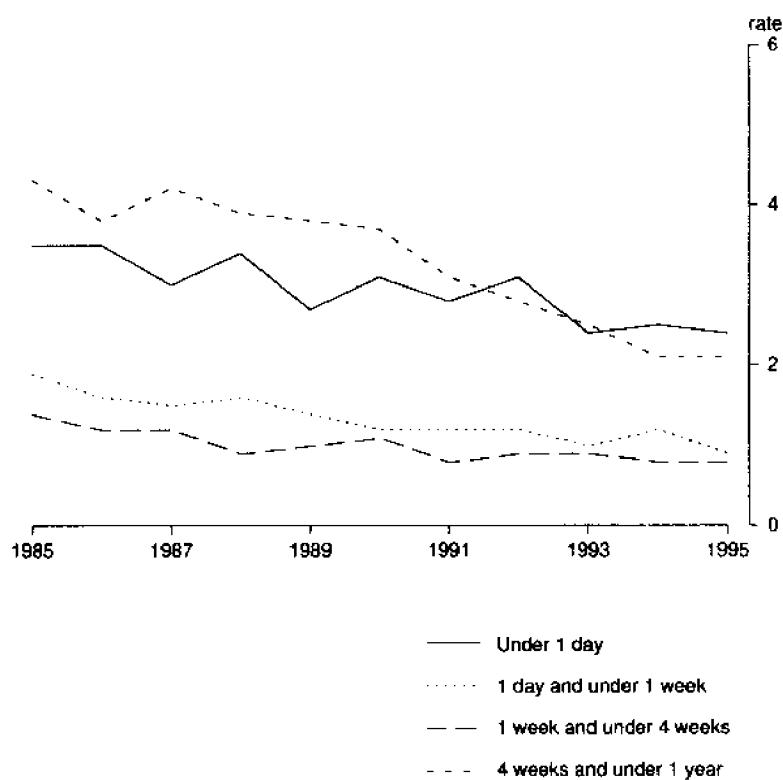
The sex ratio for infant deaths (the number of male deaths per 100 female deaths) decreased from 142 in 1975 to 133 in 1985 and 126 in 1995. This represents a larger proportional decline in male infant deaths than female. In the 20-year period between 1975 and 1995 the number of male infant deaths declined by 59% compared to 53% for female infant deaths.

YEAR OF REGISTRATION—INFANT DEATHS

AGE AT DEATH

Declines in infant mortality rates over the last 20 years varied with the age at death of the child. The greatest decline (72%) was for children who died aged one day and less than one week, followed by children aged under one day (63%). The mortality rate for children aged four weeks and under one year showed a decline of 56% and that for children aged one week and under one month, 36%. In all States and Territories during 1995, about half of infant deaths occurred in the first week of life and most of these occurred in the first day.

INFANT MORTALITY RATES AT SPECIFIED AGE AT DEATH



## 20 INFANT DEATHS: AGE AT DEATH, SEX

Selected years	<i>Neonatal-under four weeks</i>						
	<i>Early neonatal</i>			<i>Late neonatal-one week and under four weeks</i>	<i>Total neonatal-under four weeks</i>	<i>Post neonatal-four weeks and under one year</i>	<i>Total under one year</i>
	<i>Under one day</i>	<i>One day and under one week</i>	<i>Total under one week</i>				
<b>MALES</b>							
1975	814	417	1,231	147	1,378	574	1,952
1980	515	243	758	157	915	468	1,383
1985	445	235	680	174	854	544	1,398
1990	422	159	581	147	728	496	1,224
1991	370	159	529	110	639	410	1,049
1992	415	160	575	121	696	377	1,073
1993	321	140	461	123	584	334	918
1994	326	153	479	107	586	280	866
1995	313	118	431	103	534	273	807
<b>FEMALES</b>							
1975	575	261	836	116	952	421	1,373
1980	395	182	577	114	691	343	1,034
1985	353	194	547	131	678	376	1,054
1990	302	153	455	92	547	374	921
1991	279	138	417	86	503	284	787
1992	315	111	426	80	506	264	770
1993	252	104	356	77	433	240	673
1994	238	113	351	71	422	224	646
1995	241	97	338	85	423	219	642
<b>PERSONS</b>							
1975	1,389	678	2,067	263	2,330	995	3,325
1980	910	425	1,335	271	1,606	811	2,417
1985	798	429	1,227	305	1,532	920	2,452
1990	724	312	1,036	239	1,275	870	2,145
1991	649	297	946	196	1,142	694	1,836
1992	730	271	1,001	201	1,202	641	1,843
1993	573	244	817	200	1,017	574	1,591
1994	564	266	830	178	1,008	504	1,512
1995	554	215	769	188	957	492	1,449

## YEAR OF REGISTRATION—INFANT DEATHS

## 21 INFANT MORTALITY RATES(a): AGE AT DEATH, SEX

Selected years	Neonatal—under four weeks						
	Early neonatal			Late neonatal— one week and under four weeks	Total neonatal— under four weeks	Post neonatal— four weeks and under one year	Total under one year
	Under one day	One day and under one week	Total under one week				
MALES							
1975	6.8	3.5	10.3	1.2	11.5	4.8	16.3
1980	4.4	2.1	6.5	1.4	7.9	4.0	11.9
1985	3.5	1.9	5.4	1.4	6.7	4.3	11.0
1990	3.1	1.2	4.3	1.1	5.4	3.7	9.1
1991	2.8	1.2	4.0	0.8	4.8	3.1	7.9
1992	3.1	1.2	4.2	0.9	5.1	2.8	7.9
1993	2.4	1.0	3.5	0.9	4.4	2.5	6.9
1994	2.5	1.2	3.6	0.8	4.4	2.1	6.5
1995	2.4	0.9	3.3	0.8	4.1	2.1	6.1
FEMALES							
1975	5.1	2.3	7.4	1.0	8.4	3.7	12.1
1980	3.6	1.7	5.3	1.0	6.3	3.1	9.4
1985	2.9	1.6	4.5	1.1	5.6	3.1	8.7
1990	2.4	1.2	3.6	0.7	4.3	2.9	7.2
1991	2.2	1.1	3.3	0.7	4.0	2.3	6.3
1992	2.5	0.9	3.3	0.6	3.9	2.1	6.0
1993	2.0	0.8	2.8	0.6	3.4	1.9	5.3
1994	1.9	0.9	2.8	0.6	3.4	1.8	5.2
1995	1.9	0.8	2.7	0.7	3.4	1.8	5.1
PERSONS							
1975	6.0	2.9	8.9	1.1	10.0	4.3	14.3
1980	4.0	1.9	5.9	1.2	7.1	3.6	10.7
1985	3.2	1.7	5.0	1.2	6.2	3.7	9.9
1990	2.8	1.2	3.9	0.9	4.9	3.3	8.2
1991	2.5	1.2	3.7	0.8	4.4	2.7	7.1
1992	2.8	1.0	3.8	0.8	4.6	2.4	7.0
1993	2.2	0.9	3.1	0.8	3.9	2.2	6.1
1994	2.2	1.0	3.2	0.7	3.9	2.0	5.9
1995	2.2	0.8	3.0	0.7	3.7	1.9	5.7

(a) Per 1,000 live births.

**22 INFANT DEATHS: NUMBER REGISTERED**

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
1975	1,251	804	535	217	271	132	61	54	..	3,325
1980	867	582	383	186	241	87	37	34	..	2,417
1985	860	601	411	188	209	93	58	32	..	2,452
1990	733	523	345	168	217	63	54	42	..	2,145
1991	632	428	335	109	183	62	51	36	..	1,836
1992	688	366	365	117	175	46	58	28	..	1,843
1993	552	347	327	104	147	40	55	19	..	1,591
1994	551	327	289	92	140	51	41	21	..	1,512
1995	498	308	293	112	129	38	50	21	—	1,449

**23 INFANT MORTALITY RATES(a)**

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
1975	15.4	13.0	14.7	10.9	13.3	18.8	26.8	12.9	..	14.3
1980	10.9	10.0	10.9	10.1	11.7	12.8	14.2	8.0	..	10.7
1985	9.8	9.8	10.2	9.5	9.0	12.8	17.5	7.8	..	9.9
1990	8.1	7.8	7.7	8.5	8.6	8.9	15.2	9.4	..	8.2
1991	7.2	6.5	7.6	5.5	7.2	9.0	14.2	7.6	..	7.1
1992	7.4	5.6	7.9	6.1	7.0	6.6	15.5	6.3	..	7.0
1993	6.2	5.4	7.0	5.2	5.9	5.9	15.3	4.3	—	6.1
1994	6.3	5.1	6.2	4.7	5.6	7.5	11.3	4.7	—	5.9
1995	5.7	4.9	6.3	5.8	5.1	5.8	13.3	4.8	—	5.7

(a) Per 1,000 live births.

## YEAR OF REGISTRATION—INFANT DEATHS

## 24 AGE AT DEATH, SEX, 1995

<i>Age at death</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
MALES										
Under 1 day	100	68	66	31	27	12	7	2	—	313
1 day and under 1 week	45	19	25	8	11	4	5	1	—	118
<i>Total under 1 week</i>	<i>145</i>	<i>87</i>	<i>91</i>	<i>39</i>	<i>38</i>	<i>16</i>	<i>12</i>	<i>3</i>	—	<i>431</i>
1 week and under 4 weeks	34	27	19	5	12	2	2	2	—	103
<i>Total neonatal—under 4 weeks</i>	<i>179</i>	<i>114</i>	<i>110</i>	<i>44</i>	<i>50</i>	<i>18</i>	<i>14</i>	<i>5</i>	—	<i>534</i>
Total post neonatal—1 month and under 12 months	93	47	54	29	29	9	11	1	—	273
<b>Total under 1 year</b>	<b>272</b>	<b>161</b>	<b>164</b>	<b>73</b>	<b>79</b>	<b>27</b>	<b>25</b>	<b>6</b>	—	<b>807</b>
FEMALES										
Under 1 day	71	53	51	19	23	6	13	5	—	241
1 day and under 1 week	45	23	20	5	—	—	3	1	—	97
<i>Total under 1 week</i>	<i>116</i>	<i>76</i>	<i>71</i>	<i>24</i>	<i>23</i>	<i>6</i>	<i>16</i>	<i>6</i>	—	<i>338</i>
1 week and under 4 weeks	31	27	12	2	6	2	1	4	—	85
<i>Total neonatal—under 4 weeks</i>	<i>147</i>	<i>103</i>	<i>83</i>	<i>26</i>	<i>29</i>	<i>8</i>	<i>17</i>	<i>10</i>	—	<i>423</i>
Total post neonatal—1 month and under 12 months	79	44	46	13	21	3	8	5	—	219
<b>Total under 1 year</b>	<b>226</b>	<b>147</b>	<b>129</b>	<b>39</b>	<b>50</b>	<b>11</b>	<b>25</b>	<b>15</b>	—	<b>642</b>

## 25 INFANT MORTALITY RATES, AGE AT DEATH, 1995

<i>Age at death</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Aust</i>
Under 1 day	1.9	1.9	2.5	2.6	2.0	2.7	5.3	1.6	—	2.2
1 day and under 1 week	1.0	0.7	1.0	0.7	0.4	0.6	2.1	0.5	—	0.8
<i>Total under 1 week</i>	<i>3.0</i>	<i>2.6</i>	<i>3.5</i>	<i>3.3</i>	<i>2.4</i>	<i>3.3</i>	<i>7.4</i>	<i>2.0</i>	—	<i>3.0</i>
1 week and under 4 weeks	0.7	0.9	0.7	0.4	0.7	0.6	0.8	1.4	—	0.7
<i>Total neonatal—under 4 weeks</i>	<i>3.7</i>	<i>3.5</i>	<i>4.2</i>	<i>3.6</i>	<i>3.1</i>	<i>4.0</i>	<i>8.2</i>	<i>3.4</i>	—	<i>3.7</i>
Total post neonatal—1 month and under 12 months	2.0	1.5	2.2	2.2	2.0	1.8	5.0	1.4	—	1.9
<b>Total under 1 year</b>	<b>5.7</b>	<b>4.9</b>	<b>6.3</b>	<b>5.8</b>	<b>5.1</b>	<b>5.8</b>	<b>13.3</b>	<b>4.8</b>	—	<b>5.7</b>

## YEAR OF OCCURRENCE .....

For 1995, there was a difference of 27 deaths (including 16 infant deaths) between year of occurrence data and year of registration data. This contrasts sharply with 1985 when the difference was over 1,000 deaths (including about 70 infant deaths). The only year in the 1990s when there were more deaths on year of occurrence basis than year of registration was 1994. Of deaths registered in 1995, 95% also occurred in 1995.

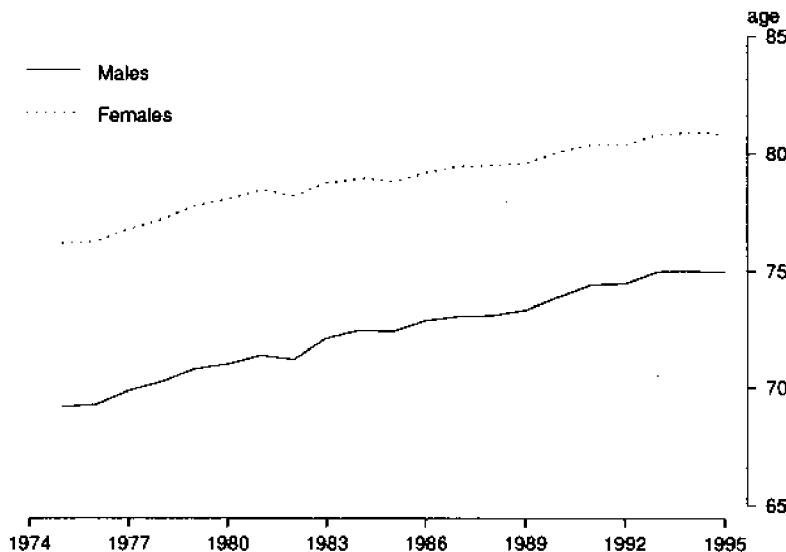
## AGE AT DEATH

As with year of registration data, the ageing of the Australian population is evident in year of occurrence data, particularly for females. In 1995, 51% of female deaths occurred at age 80 years or more compared to 43% in 1985. For males, 30% of deaths occurred at age 80 years or more in 1995 compared to 23% in 1985. For all age and sex groups except males aged 35–39 years the age-specific death rates were lower in 1995 than in 1985. The death rate for males aged 35–39 increased from 1.4 to 1.6 per 1,000 population in the 10-year period.

## EXPECTATION OF LIFE

The expectation of life at birth in 1993–95 was 75.0 years for males and 80.8 years for females. This represents a 5.6 year gain for men and a 4.5 year gain for women since 1974.

## LIFE EXPECTANCY AT BIRTH

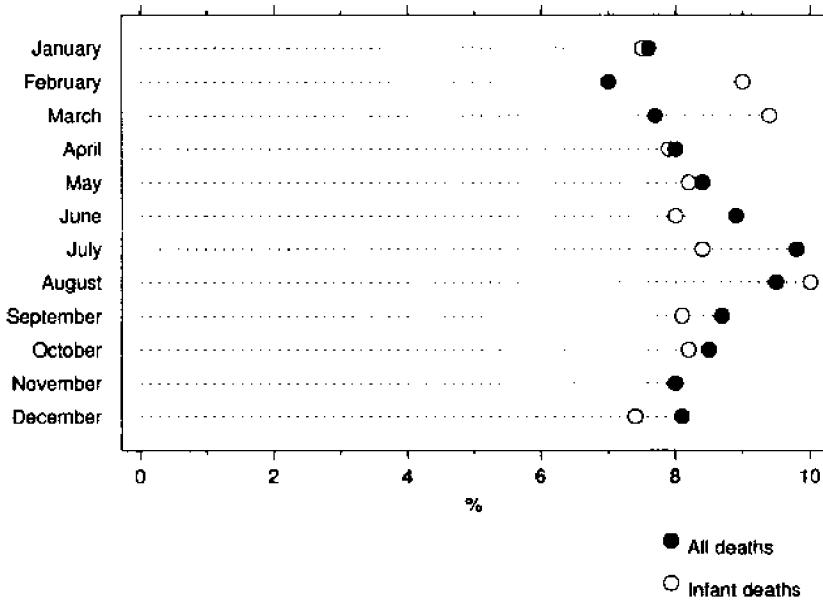


## YEAR OF OCCURRENCE

## MONTH OF OCCURRENCE

In 1995, fewer deaths occurred in February than in any other month, the same pattern as in the previous five years. This is partly due to there being fewer days in February. On a daily average basis, fewest deaths occurred in January (306 per day), followed by March (310 per day) and then February (311 per day). July recorded the highest daily average rate (394 per day) followed by August (383 per day).

## MONTH OF OCCURRENCE FOR ALL DEATHS AND INFANT DEATHS



The highest and lowest occurrence months for infant deaths are far more variable than for all deaths. In 1995 most infant deaths occurred in August and fewest in December. While the general pattern shows peak months in winter and low months in summer, there have been exceptions. For example, in 1991 the joint peak months were January and May and in 1992 April and October. In 1994, fewest infant deaths occurred in May.

## 26 DEATHS: AGE AT DEATH, SEX, preliminary

Age group (years)	Males			Females		
	1985	1990	1995	1985	1990	1995
Under 1	1,362	1,154	808	1,024	889	625
1-4	280	234	208	207	165	151
5-9	172	146	112	113	86	93
10-14	203	128	130	104	92	108
15-19	732	647	486	267	269	209
20-24	1,099	936	913	347	298	281
25-29	903	988	863	362	327	276
30-34	849	960	1,040	371	393	421
35-39	886	972	1,144	496	485	497
40-44	1,110	1,338	1,276	594	688	709
45-49	1,552	1,577	1,721	937	880	1,040
50-54	2,461	2,222	2,188	1,357	1,296	1,346
55-59	4,345	3,447	3,056	2,262	1,760	1,707
60-64	6,449	5,818	4,685	3,324	2,974	2,538
65-69	7,548	8,124	7,551	4,359	4,658	4,188
70-74	9,725	8,898	9,895	6,662	6,150	6,389
75-79	9,542	10,360	9,951	7,975	8,582	8,238
80-84	7,574	8,409	10,062	8,846	9,288	10,803
85 and over	6,759	7,702	10,059	14,616	15,594	19,333
Not stated	28	8	6	5	2	
<b>Total</b>	<b>63,579</b>	<b>64,068</b>	<b>66,154</b>	<b>54,228</b>	<b>54,876</b>	<b>58,952</b>

## 27 DEATHS: AGE-SPECIFIC DEATH RATES, SEX preliminary

Age group (years)	Males			Females		
	1985	1990	1995	1985	1990	1995
Under 1	10.9	8.6	6.3	8.7	7.0	5.1
1-4	0.6	0.5	0.4	0.4	0.3	0.3
5-9	0.3	0.2	0.2	0.2	0.1	0.1
10-14	0.3	0.2	0.2	0.2	0.2	0.2
15-19	1.1	0.9	0.7	0.4	0.4	0.3
20-24	1.6	1.4	1.2	0.5	0.4	0.4
25-29	1.4	1.4	1.2	0.6	0.5	0.4
30-34	1.4	1.4	1.4	0.6	0.6	0.6
35-39	1.4	1.5	1.6	0.8	0.7	0.7
40-44	2.2	2.1	1.9	1.3	1.1	1.1
45-49	3.7	3.1	2.7	2.4	1.8	1.7
50-54	6.6	5.3	4.4	3.8	3.2	2.8
55-59	11.3	9.4	7.5	6.0	4.9	4.3
60-64	18.7	15.8	13.4	9.1	8.0	7.2
65-69	29.7	25.9	22.4	14.9	13.4	11.8
70-74	47.4	40.8	36.7	25.7	22.7	19.8
75-79	75.6	67.0	58.2	43.4	38.9	34.9
80-84	119.5	104.1	98.4	76.7	66.7	63.1
85 and over	208.7	185.3	178.8	164.6	147.7	145.9

## 28 DEATHS: EXPECTATION OF LIFE AND LIFE TABLE DEATH RATES(a)

Selected years	Age group (years)									<i>Life table death rate</i>	
	0	1	10	20	30	40	50	60	70		
MALES											
1975	69.33	69.47	60.82	51.33	42.05	32.69	23.93	16.36	10.29	5.96	14.42
1980	70.99	70.85	62.14	52.58	43.30	33.86	24.97	17.13	10.77	6.26	14.08
1985	72.40	72.21	63.47	53.86	44.58	35.10	25.99	17.87	11.23	6.36	13.81
1990	73.87	73.55	64.77	55.11	45.81	36.40	27.22	18.86	11.99	6.89	13.54
1991	74.40	73.99	65.17	55.49	46.14	36.73	27.55	19.13	12.17	6.95	13.44
1992	74.47	74.06	65.24	55.53	46.17	36.76	27.54	19.10	12.11	6.93	13.43
1993	74.99	74.50	65.70	55.98	46.60	37.20	27.97	19.49	12.38	7.03	13.34
1994	75.04	74.53	65.70	56.00	46.60	37.21	27.99	19.43	12.29	6.95	13.33
1993-95	74.95	74.48	65.66	55.94	46.57	37.19	27.97	19.45	12.35	6.99	13.34
FEMALES											
1975	76.36	76.29	67.58	57.81	48.08	38.51	29.38	20.90	13.43	7.55	13.10
1980	78.09	77.83	69.06	59.27	49.54	39.89	30.60	21.93	14.16	7.90	12.81
1985	78.81	78.51	69.71	59.89	50.18	40.48	31.11	22.36	14.46	8.13	12.69
1990	80.06	79.65	70.81	60.98	51.24	41.53	32.08	23.19	15.18	8.67	12.49
1991	80.39	79.90	71.04	61.21	51.48	41.79	32.33	23.41	15.37	8.81	12.44
1992	80.41	79.89	71.06	61.21	51.45	41.75	32.30	23.38	15.29	8.69	12.44
1993	80.86	80.28	71.44	61.60	51.82	42.13	32.65	23.68	15.55	8.86	12.37
1994	80.94	80.36	71.91	62.04	52.25	42.52	33.03	24.01	15.70	8.80	12.35
1993-95	80.84	80.28	71.43	61.59	51.81	42.11	32.64	23.68	15.56	8.85	12.37

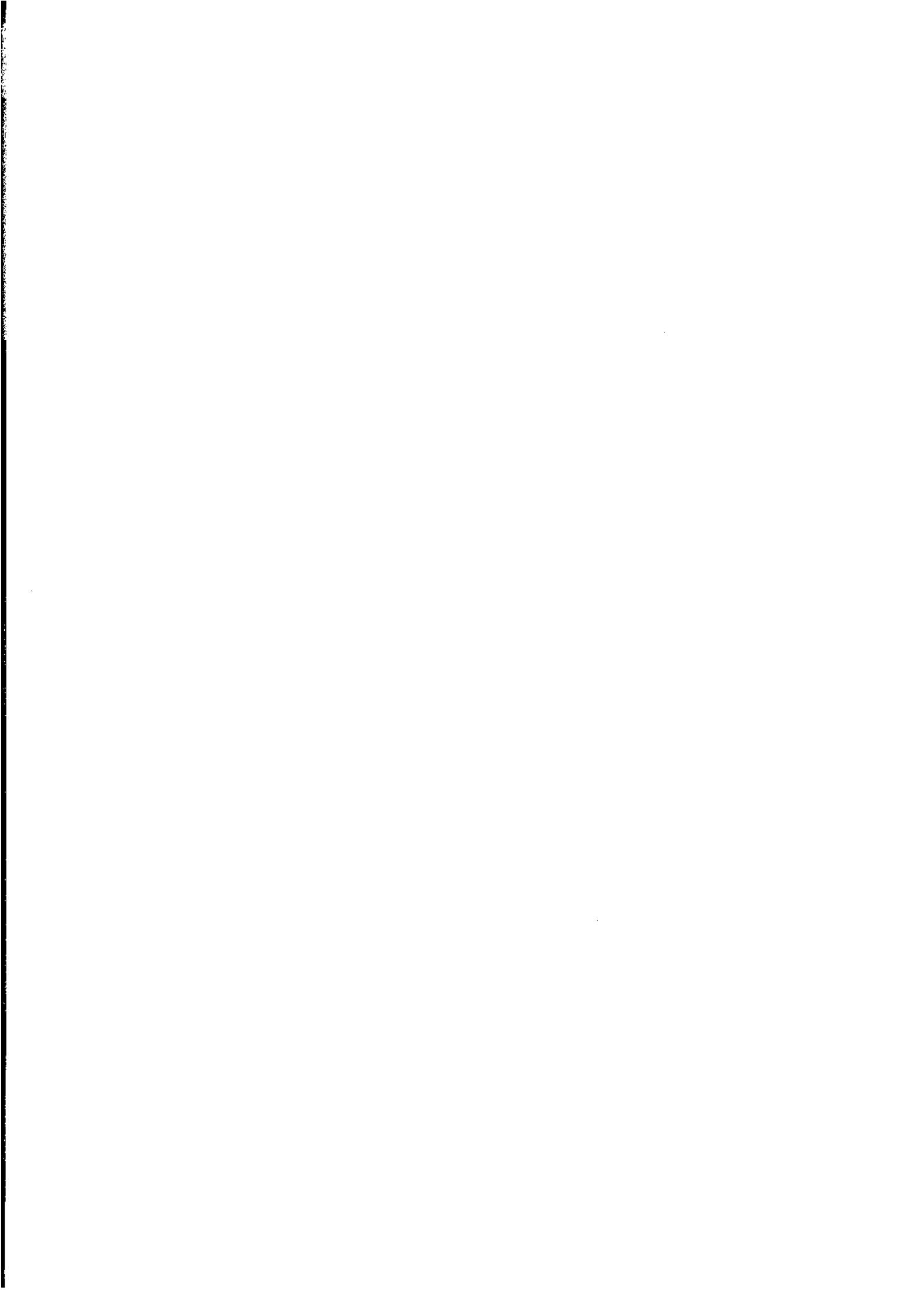
(a) Based on Annual Life Tables calculated by the Australian Statistician until 1994. In 1995 the life tables were produced jointly by the Australian Bureau of Statistics and the Australian Government Actuary. See paragraph 12 of the explanatory notes for more information.

**29 DEATHS: MONTH OF OCCURRENCE, NUMBER AND PROPORTION preliminary**

<i>Month of occurrence</i>	<i>1985</i>	<i>1990</i>	<i>1991</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>
NUMBER							
January	8,821	9,149	9,539	9,397	9,294	9,999	9,479
February	7,557	8,328	8,179	8,527	8,455	8,610	8,697
March	8,618	9,190	9,504	9,385	9,360	9,913	9,624
April	9,020	9,115	9,259	9,473	9,217	9,769	9,980
May	10,114	10,243	10,307	10,549	10,180	10,830	10,491
June	10,947	10,452	9,938	11,676	10,898	10,972	11,073
July	12,516	11,414	11,055	12,089	11,197	12,566	12,211
August	11,579	11,122	11,306	11,432	11,552	13,057	11,885
September	10,474	10,653	10,683	10,833	10,740	11,067	10,905
October	9,722	10,219	9,932	10,188	10,337	10,657	10,590
November	9,066	9,361	9,322	9,604	9,711	9,826	10,067
December	9,373	9,698	9,532	9,792	9,866	9,717	10,104
<b>Total</b>	<b>117,807</b>	<b>118,944</b>	<b>118,556</b>	<b>122,945</b>	<b>120,807</b>	<b>126,983</b>	<b>125,106</b>
PROPORTION (per cent)							
January	7.5	7.7	8.0	7.6	7.7	7.9	7.6
February	6.4	7.0	6.9	6.9	7.0	6.8	7.0
March	7.3	7.7	8.0	7.6	7.7	7.8	7.7
April	7.7	7.7	7.8	7.7	7.6	7.7	8.0
May	8.6	8.6	8.7	8.6	8.4	8.5	8.4
June	9.3	8.8	8.4	9.5	9.0	8.6	8.9
July	10.6	9.6	9.3	9.8	9.3	9.9	9.8
August	9.8	9.4	9.5	9.3	9.6	10.3	9.5
September	8.9	9.0	9.0	8.8	8.9	8.7	8.7
October	8.3	8.6	8.4	8.3	8.6	8.4	8.5
November	7.7	7.9	7.9	7.8	8.0	7.7	8.0
December	8.0	8.2	8.0	8.0	8.2	7.7	8.1
<b>Total</b>	<b>100.0</b>						

**30 INFANT DEATHS: MONTH OF OCCURRENCE, NUMBER AND PROPORTION preliminary**

<i>Month of occurrence</i>	<i>1985</i>	<i>1990</i>	<i>1991</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>
NUMBER							
January	180	146	184	155	114	129	108
February	150	137	138	132	132	114	129
March	218	172	158	129	126	131	134
April	171	159	137	165	140	135	113
May	220	209	184	142	136	104	117
June	221	184	153	143	164	127	114
July	218	218	154	156	135	126	120
August	228	185	141	153	113	147	143
September	226	162	137	158	132	123	116
October	214	162	135	165	108	142	117
November	162	149	140	145	102	108	115
December	178	160	129	146	144	135	106
<b>Total</b>	<b>2,386</b>	<b>2,043</b>	<b>1,790</b>	<b>1,789</b>	<b>1,546</b>	<b>1,521</b>	<b>1,432</b>
PROPORTION (per cent)							
January	7.5	7.1	10.3	8.7	7.4	8.5	7.5
February	6.3	6.7	7.7	7.4	8.5	7.5	9.0
March	9.1	8.4	8.8	7.2	8.2	8.6	9.4
April	7.2	7.8	7.7	9.2	9.1	8.9	7.9
May	9.2	10.2	10.3	7.9	8.8	6.8	8.2
June	9.3	9.0	8.5	8.0	10.6	8.3	8.0
July	9.1	10.7	8.6	8.7	8.7	8.3	8.4
August	9.6	9.1	7.9	8.6	7.3	9.7	10.0
September	9.5	7.9	7.7	8.8	8.5	8.1	8.1
October	9.0	7.9	7.5	9.2	7.0	9.3	8.2
November	6.8	7.3	7.8	8.1	6.6	7.1	8.0
December	7.5	7.8	7.2	8.2	9.3	8.9	7.4
<b>Total</b>	<b>100.0</b>						



## DEATHS OF AUSTRALIAN INDIGENOUS PEOPLE .....

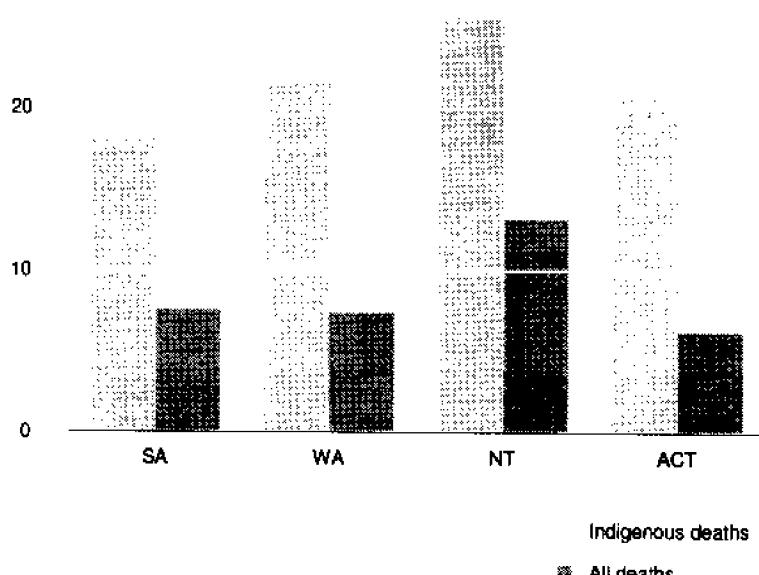
If a deceased person is reported as being of Aboriginal or Torres Strait Islander origin on the death information form or the cause of death certificate, then that person is recorded as being of Indigenous origin. Only South Australia, Western Australia, Northern Territory and Australian Capital Territory data are considered to be of publishable quality. These data are believed to be at least 90% complete. Although New South Wales, Victoria and Tasmania have provision for identification of Aboriginal and Torres Strait Islander origin, data for these States are significantly under-recorded. Queensland has identified Indigenous origin in its registration process from January 1996. The Australian Capital Territory had too few Indigenous deaths to calculate statistically reliable rates and medians.

There was a total of 900 deaths of Indigenous people usually resident in South Australia, Western Australia, the Northern Territory and the Australian Capital Territory in 1995. This number included 60 infant deaths. Of the 900 deaths 13% were in South Australia, 43% in both Western Australia and the Northern Territory and 1% in the Australian Capital Territory.

The Indigenous standardised death rates using indirect standardisation in 1995 were almost three times the total standardised rates for Western Australia and about two and a half times for South Australia. The highest Indigenous standardised death rate, at 25.7 deaths per 1,000 population, was for the Northern Territory. This rate was almost twice the standardised rate for all Northern Territory deaths (13.2 per 1,000 of the standard population).

### INDIRECT STANDARDISED DEATH RATES

rate  
30



**INFANT MORTALITY**

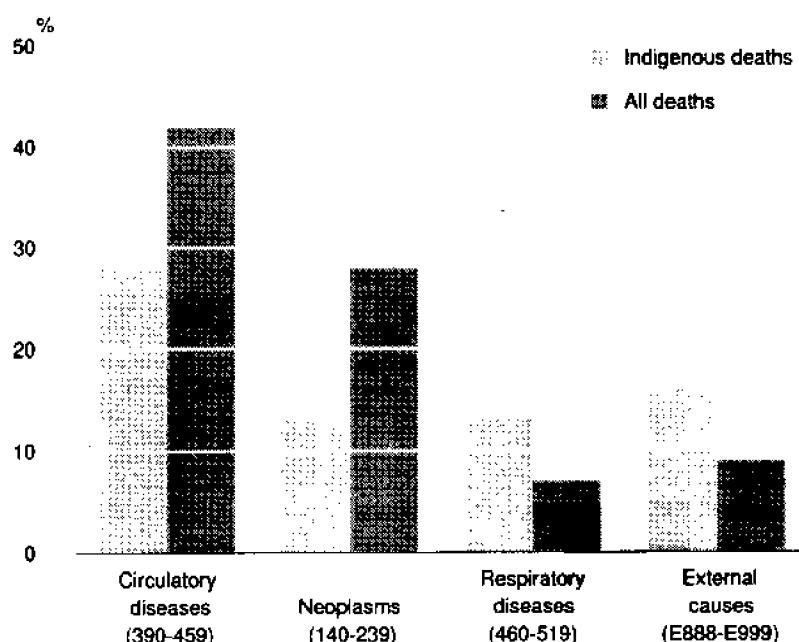
Indigenous infant mortality rates in 1995 continued to be high with South Australia having the lowest rate at 16.2 Indigenous infant deaths per 1,000 Indigenous live births. Western Australia had a rate of 18.1 and the Northern Territory had the highest rate of 18.5. The Australian Capital Territory had no Indigenous infant deaths in 1995.

**AGE AT DEATH**

The median age at death of Indigenous people in 1995 was lowest in South Australia at 49 years, followed by the Northern Territory (50 years) and Western Australia (54 years). In comparison, the median age at death for all people was 77 years in South Australia, 57 years in the Northern Territory and 76 years in Western Australia. The low median age of all deaths in the Northern Territory can be partly explained by the Indigenous population being 27% of the Northern Territory population compared to 3% for Western Australia and 1% for South Australia. The median age at death for males was considerably lower than for females particularly in the Northern Territory, 47 years and 60 years respectively.

**CAUSES OF DEATH**

Overall the main cause of death of Indigenous people in South Australia, Western Australia, the Northern Territory and the Australian Capital Territory combined, was diseases of the circulatory system (mainly heart disease and stroke) which resulted in 28% of deaths, followed by neoplasms (mainly cancer) which caused 13% of Indigenous deaths. However, these proportions were low compared to the proportions for the same causes in these States and Territories which were 42% and 28% of all deaths respectively. External causes resulted in 16% of Indigenous deaths compared to 9% of all deaths, while diseases of the respiratory systems caused 13% of Indigenous deaths compared to 7% of all deaths.

**SELECTED CAUSES OF DEATH(a)**

(a) For SA, WA, NT and ACT combined.

## 31 INDIGENOUS DEATHS: SUMMARY, SELECTED STATES AND TERRITORIES

	<i>SA</i>	<i>WA</i>	<i>NT</i>	<i>ACT</i>
TOTAL DEATHS				
1987	n.a.	309	n.a.	n.a.
1988	106	322	479	n.a.
1989	139	329	422	n.a.
1990	118	322	393	n.a.
1991	135	401	412	n.a.
1992	107	346	397	n.a.
1993	111	386	376	n.a.
1994	123	377	380	10
1995	121	384	387	9
INDIRECT STANDARDISED DEATH RATES				
1987	n.a.	19.1	n.a.	n.a.
1988	19.5	19.8	36.5	n.a.
1989	25.1	20.2	31.9	n.a.
1990	20.9	19.7	29.3	n.a.
1991	23.4	24.4	30.3	n.a.
1992	18.1	21.0	28.9	n.a.
1993	18.3	23.3	27.1	n.a.
1994	19.7	22.6	26.8	30.6
1995	18.2	21.7	25.7	20.7
INFANT DEATHS				
1987	n.a.	16	n.a.	n.a.
1988	8	33	33	n.a.
1989	9	30	33	n.a.
1990	11	33	32	n.a.
1991	12	40	31	n.a.
1992	13	37	38	n.a.
1993	9	25	40	n.a.
1994	4	31	25	1
1995	9	27	25	—
INFANT MORTALITY RATES(a)				
1987	n.a.	n.a.	n.a.	n.a.
1988	15.7	n.a.	29.0	n.a.
1989	19.3	n.a.	25.8	n.a.
1990	18.7	n.a.	24.8	n.a.
1991	20.2	n.a.	24.7	n.a.
1992	23.2	n.a.	28.1	n.a.
1993	17.3	16.3	29.4	n.a.
1994	7.5	19.6	18.7	16.9
1995	16.2	18.1	18.5	—

(a) Per 1,000 Aboriginal and Torres Strait Islander live births.

## 32 INDIGENOUS AND TOTAL DEATHS: SELECTED DETAILS, SOUTH AUSTRALIA, 1995

Selected details	Indigenous people			All people
	Males	Females	Persons	
Total deaths	73	48	121	11,218
Indirect standardised death rates	24.4	13.1	18.2	7.6
<i>Age at death (years) —</i>				
Under 1	6	3	9	112
1-14	1	1	2	52
15-24	7	—	7	141
25-34	10	3	13	208
35-44	12	12	24	321
45-54	11	9	20	511
55-64	11	9	20	994
65 and over	15	11	26	8,879
Not stated	—	—	—	—
Median age at death (years)	n.p.	n.p.	49.0	77.3
<i>Principal causes of death —</i>				
Infectious and parasitic diseases (001-139)	1	2	3	93
Neoplasms (140-239)	4	8	12	3,013
Malignant neoplasms (140-208)	4	8	12	2,965
Other (210-239)	—	—	—	48
Endocrine, nutritional and metabolic diseases and immunity disorders (240-279) —	5	5	10	383
Diabetes mellitus (250)	4	5	9	268
Other (240-246, 251-279)	1	—	1	115
Mental disorders (290-319)	1	2	3	305
Diseases of the circulatory system (390-459)	20	18	38	4,976
Ischaemic heart disease (410-414)	18	2	20	2,695
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	3	5	8	693
Cerebrovascular disease (stroke) (430-438)	5	3	8	1,229
Other (390-392, 401, 403, 405, 417, 440-459)	—	1	1	359
Diseases of the respiratory system (460-519)	6	9	15	792
Diseases of the digestive system (520-579)	6	2	8	359
Diseases of the genitourinary system (580-629)	1	2	3	175
Congenital anomalies (740-759)	2	—	2	47
Perinatal conditions (760-779)	1	3	4	57
Other medical conditions (Remainder of 001-799)	4	—	4	426
<i>External causes (E800-E999) —</i>	16	4	20	592
Motor vehicle traffic accidents (E810-E819)	4	3	7	167
All other accidents (E800-E807, E820-E929)	3	—	3	186
Suicide (E950-E959)	6	1	7	200
Other (Remainder of E800-E999)	3	—	3	39

## 32 INDIGENOUS AND TOTAL DEATHS: SELECTED DETAILS, WESTERN AUSTRALIA, 1995 —continued

<i>Selected details</i>	<i>Indigenous people</i>			<i>All people</i>
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	
<b>Total deaths</b>	<b>219</b>	<b>165</b>	<b>384</b>	<b>10,293</b>
Indirect standardised death rates	26.2	17.7	21.7	7.4
<i>Age at death (years) —</i>				
Under 1	11	16	27	129
1-14	11	6	17	82
15-24	14	5	19	196
25-34	27	9	36	261
35-44	32	18	50	344
45-54	28	18	46	555
55-64	27	28	55	955
65 and over	68	65	133	7,841
Not stated	1	—	1	1
Median age at death (years)	49.5	59.4	53.8	75.9
<i>Principal causes of death —</i>				
Infectious and parasitic diseases (001-139)	3	1	4	92
Malignant neoplasms (140-208)	20	24	44	2,871
Other (210-239)	1	—	1	44
Endocrine, nutritional and metabolic diseases and immunity disorders (240-279) —	9	17	26	342
Diabetes mellitus (250)	9	17	26	242
Other (240-246, 251-279)	2	6	8	100
Mental disorders (290-319)	10	6	16	293
Diseases of the circulatory system (390-459) —	68	43	111	4,230
Ischaemic heart disease (410-414)	40	21	61	2,420
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	14	8	22	541
Cerebrovascular disease (stroke) (430-438)	9	11	20	997
Other (390-392, 401, 403, 405, 417, 440-459)	5	3	8	282
Diseases of the respiratory system (460-519)	22	22	44	773
Diseases of the digestive system (520-579)	10	6	16	341
Diseases of the genitourinary system (580-629)	5	7	12	128
Congenital anomalies (740-759)	3	—	3	54
Perinatal conditions (760-779)	3	5	8	50
Other medical conditions (Remainder of 001-799)	15	9	24	409
External causes (E800-E999) —	45	17	62	727
Motor vehicle traffic accidents (E810-E819)	16	7	23	209
All other accidents (E800-E807, E820-E929)	17	8	25	254
Suicide (E950-E959)	9	2	11	218
Other (Remainder of E800-E999)	6	2	8	46

32 INDIGENOUS AND TOTAL DEATHS: SELECTED DETAILS, NORTHERN TERRITORY, 1995—*continued*

<i>Selected details</i>	<i>Indigenous people</i>			<i>All people</i>
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	
<b>Total deaths</b>	<b>229</b>	<b>158</b>	<b>387</b>	<b>813</b>
Indirect standardised death rates	32.3	19.8	25.7	13.2
<i>Age at death (years) —</i>				
Under 1	13	12	25	50
1-14	7	4	11	21
15-24	23	1	24	42
25-34	28	16	44	67
35-44	32	22	54	91
45-54	37	20	57	116
55-64	45	31	76	155
65 and over	44	52	96	271
Not stated	—	—	—	—
Median age at death (years)	46.7	60.3	49.7	57.9
<i>Principal causes of death —</i>				
Infectious and parasitic diseases (001-139)	4	7	11	20
Neoplasms (140-239) —	38	20	58	161
Malignant neoplasms (140-208)	38	20	58	163
Other (210-239)	—	—	—	1
Endocrine, nutritional and metabolic diseases and immunity disorders (240-279) —	12	16	28	47
Diabetes mellitus (250)	8	12	20	31
Other (240-246, 251-279)	4	4	8	16
Mental disorders (290-319)	11	7	18	30
Diseases of the circulatory system (390-459) —	62	39	102	222
Ischaemic heart disease (410-414)	26	11	37	89
Other heart disease (393-398, 402, 404, 415, 416, 420-429)	21	18	39	60
Cerebrovascular disease (stroke) (430-438)	14	6	20	40
Other (390-392, 401, 403, 405, 417, 440-459)	2	4	6	13
Diseases of the respiratory system (460-519)	28	32	60	99
Diseases of the digestive system (520-579)	5	3	8	22
Diseases of the genitourinary system (580-629)	5	9	14	16
Congenital anomalies (740-759)	4	3	7	14
Perinatal conditions (760-779)	4	6	10	23
Other medical conditions (Remainder of 001-799)	13	8	21	50
External causes (E800-E999) —	39	11	50	122
Motor vehicle traffic accidents (E810-E819)	18	4	22	50
All other accidents (E800-E807, E820-E929)	11	5	16	37
Suicide (E950-E959)	3	—	3	23
Other (Remainder of E800-E999)	7	2	9	22

## TIME SERIES .....

Since 1901 the rate at which Australians die has been in long-term decline. The reduction in mortality during the early part of the century is attributed to improvements in social conditions, such as better water supplies, sewage systems, food quality, health and education. The further reduction in mortality in the latter half of the century is attributed to continuing improving social conditions and advances in medical technology such as mass immunisation and antibiotics<sup>a</sup>.

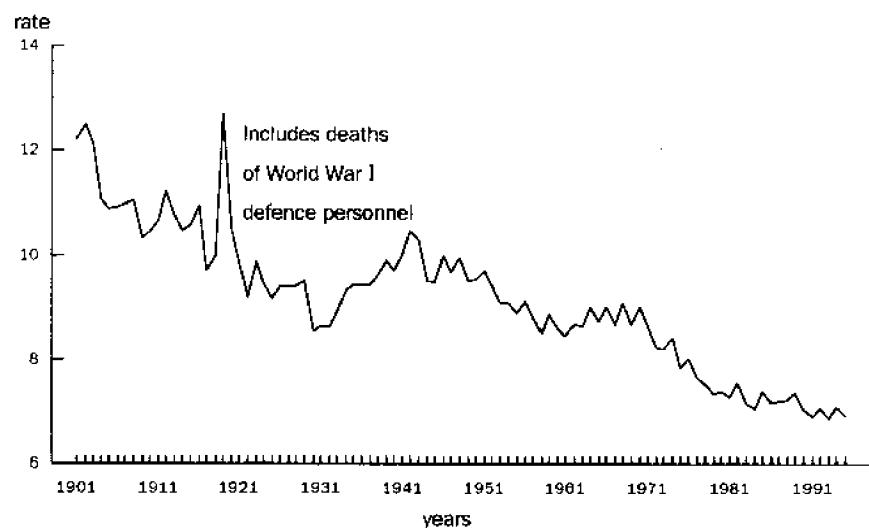
The standardised death rate declined from around 11 per 1,000 population in 1971 to 7 per 1,000 in 1995. The standardised death rate enables the comparison of death rates between populations with different age structures.

Since 1971 all States and Territories have recorded decreasing standardised death rates. Over this period the Northern Territory has consistently had the highest rate of all States and Territories, a rate varying between 20% and 50% above the national rate.

Between 1901 and 1995 the population of Australia increased from around 4 million to 18 million (350%). Over this same period the number of deaths registered increased from 46,300 to 125,100 (170%). Consequently, the crude death rate over the period has been in long-term decline, falling from 12 per 1,000 to 7. The crude death rate is the number of deaths registered in a year per 1,000 estimated resident population in that year.

The continued fall in death rates over the last two decades is due in part to lower infant mortality, fewer deaths among young adults from motor vehicle accidents and fewer deaths among older males from heart disease. The reduction in the number of deaths from heart disease is related to behavioural changes, such as dietary improvements, reduced smoking and increased fitness<sup>a</sup>.

### CRUDE DEATH RATES

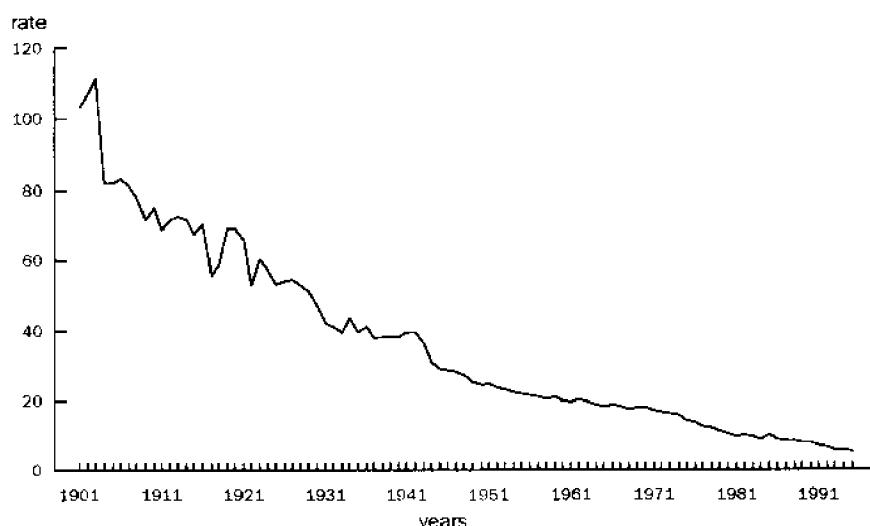


(a) S.K. Jain, Trends in Mortality, National Centre of Epidemiology and Population Health and ABS, Australia, 1994

## INFANT MORTALITY

The infant mortality rate is measured as the number of deaths under one year of age per 1,000 live births registered in a given year. Between 1901 and 1995 the number of births registered more than doubled, increasing from 102,900 to 252,700. Over the same period the number of infant deaths registered fell dramatically, from 10,700 to 1,500. Consequently, the infant mortality rate has shown a constant and appreciable decline since the turn of the century. In 1901 the infant mortality rate was 104 per 1,000 live births. By 1950 the rate had fallen to 25 per 1,000 and by 1995 it stood at 6. Many of the factors that have led to the reduction in general mortality over the century have also contributed to the drop in infant mortality e.g. health education and immunisation. The more recent decline is due to the introduction of neo-natal intensive care facilities in the major hospitals during the 1970s<sup>b</sup>.

## INFANT MORTALITY RATES



## EXPECTATION OF LIFE

Life expectancy figures indicate how much longer, on average, a person at a specific age could expect to live, provided the current age-specific mortality rates remain constant through their lifetime. Life expectancy rates are calculated separately for each sex.

## Expectation of life at birth

In the period 1901–10 the average life expectancy of a new-born boy was 55 years and that of a new-born girl was 59 years. By 1993–95, a new-born boy had a life expectancy of 75 years and a new-born girl 81 years; an increase of 20 years for boys and 22 years for girls.

## Expectation of life at different ages

While life expectancy at birth has shown the most dramatic increase this century, life expectancy has increased at all ages. For example in 1901–10, a 30 year old man could expect to live another 37 years and a 30 year old woman another 39 years. In 1993–95, life expectancy for 30 year olds was a further 47 years for men and 52 years for women. Over the same time period the expectation of life at age 70 increased by 42% for men, from 9 to 12 years, and by 56% for women, from 10 to 16 years.

(b) *Social Indicators, No 5, 1992* (4101.0).







34 CRUDE DEATH RATES: STATES AND TERRITORIES(a)—*continued*

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
1951	9.7	10.3	9.1	9.8	9.1	8.9	7.7	6.0	9.7
1952	9.6	10.0	8.9	9.3	8.7	8.6	5.9	5.2	9.4
1953	9.4	9.5	8.6	9.0	8.2	8.3	7.5	4.3	9.1
1954	9.5	9.2	8.6	9.0	8.4	8.7	6.5	3.9	9.1
1955	9.3	8.9	8.4	9.2	8.2	7.9	6.7	3.8	8.9
1956	9.6	9.2	8.8	8.9	8.3	7.8	5.6	4.7	9.1
1957	9.2	9.1	8.3	8.7	7.7	8.1	5.6	4.4	8.8
1958	8.8	8.7	8.0	8.6	7.9	8.1	4.9	4.4	8.5
1959	9.4	9.0	8.4	8.6	7.7	8.1	5.2	4.1	8.9
1960	9.1	8.6	8.3	8.3	7.9	7.7	5.3	4.0	8.6
1961	9.0	8.4	8.4	8.1	7.8	7.9	4.9	3.3	8.5
1962	9.2	8.7	8.5	8.3	7.6	8.1	5.1	3.3	8.7
1963	9.2	8.9	8.4	8.1	7.6	7.8	5.3	4.3	8.7
1964	9.6	8.9	9.0	8.6	8.0	8.7	5.0	4.5	9.0
1965	9.3	8.9	8.6	8.2	7.6	8.3	4.6	4.0	8.8
1966	9.6	8.9	8.9	8.5	8.1	8.5	9.4	4.6	9.0
1967	9.2	8.7	8.7	8.2	7.7	8.6	8.5	3.6	8.7
1968	9.6	9.0	9.3	8.8	8.2	8.6	8.0	4.4	9.1
1969	9.1	8.6	8.9	8.2	7.7	8.6	6.6	4.8	8.7
1970	9.6	8.8	9.5	8.8	7.6	8.2	7.7	4.5	9.0
1971	9.1	8.7	8.8	8.2	7.6	8.5	7.2	4.0	8.7
1972	8.7	8.2	8.7	8.0	6.9	8.1	5.9	3.9	8.2
1973	8.5	8.3	8.5	8.0	7.1	8.4	5.9	3.4	8.2
1974	9.0	8.2	9.0	8.2	6.9	8.6	5.7	3.8	8.4
1975	8.2	7.8	7.9	7.8	6.9	8.2	6.9	3.4	7.8
1976	8.5	8.1	8.2	7.8	6.6	8.3	5.8	3.7	8.0
1977	8.1	7.7	7.7	7.6	6.5	8.0	7.3	3.4	7.7
1978	8.0	7.6	7.6	7.5	6.3	7.9	4.7	3.7	7.5
1979	7.6	7.5	7.4	7.4	6.4	7.6	5.1	3.3	7.3
1980	7.8	7.5	7.2	7.3	6.4	8.1	4.2	3.5	7.4
1981	7.7	7.4	7.3	7.4	6.1	7.9	6.7	3.7	7.3
1982	8.0	7.7	7.4	7.8	6.1	8.0	4.3	3.8	7.6
1983	7.6	7.3	6.9	7.3	6.1	7.7	5.3	3.5	7.2
1984	7.3	7.2	6.9	7.4	6.1	8.2	3.8	3.8	7.1
1985	8.1	7.6	7.2	7.7	6.2	8.3	4.3	3.6	7.5
1986	7.6	7.3	6.8	7.5	6.4	7.7	4.3	4.0	7.2
1987	7.5	7.5	7.0	7.6	5.9	8.1	4.3	3.8	7.2
1988	7.8	7.2	6.9	7.6	6.2	7.9	5.5	3.7	7.2
1989	7.8	7.5	7.2	8.0	6.0	8.1	4.9	3.5	7.4
1990	7.5	7.1	6.7	7.6	5.8	8.0	4.8	3.9	7.0
1991	7.2	7.1	6.5	7.7	5.8	7.9	4.8	3.8	6.9
1992	7.5	7.2	6.8	7.5	6.0	8.0	4.6	3.7	7.1
1993	7.2	7.0	6.4	7.9	6.2	7.7	4.5	3.7	6.9
1994	7.4	7.2	6.8	8.0	6.1	8.3	4.5	4.1	7.1
1995	7.3	7.2	6.3	7.6	6.0	7.9	4.7	3.7	6.9

(a) Excludes 'full-blood Aborigines' prior to 1966. Prior to 1971 details are presented on State or Territory of registration basis, while from 1971 details are presented on State or Territory of usual residence basis. The Australian Capital Territory was included with New South Wales prior to 1911. From 1993 Australia includes Other Territories (5 registered in 1993 and 9 in 1994 and 1995).

(b) Rates exclude deaths of defence personnel from September 1939 to June 1947.

## 35 STANDARDISED DEATH RATES: STATES AND TERRITORIES(a)

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1971	10.7	10.5	10.4	9.8	10.3	10.7	15.0	10.1	10.5
1972	10.5	10.0	10.3	9.6	9.6	10.2	13.1	10.3	10.2
1973	10.2	10.2	10.1	9.6	9.8	10.3	14.9	9.2	10.1
1974	10.7	10.1	10.8	9.7	9.4	10.6	14.6	10.1	10.4
1975	9.7	9.4	9.5	9.2	9.5	9.9	17.3	8.7	9.5
1976	9.8	9.6	9.6	9.0	8.9	10.2	14.2	8.8	9.6
1977	9.3	9.0	8.9	8.6	8.8	9.5	19.3	7.9	9.1
1978	9.0	8.8	8.8	8.4	8.4	9.3	11.6	8.9	8.8
1979	8.7	8.7	8.7	8.3	8.6	9.0	14.3	7.4	8.7
1980	8.8	8.6	8.4	8.0	8.4	9.4	11.6	8.0	8.6
1981	8.5	8.3	8.4	7.9	7.9	8.9	16.8	8.4	8.4
1982	8.8	8.5	8.6	8.3	7.8	8.9	11.3	8.2	8.6
1983	8.2	7.9	7.9	7.6	7.7	8.4	13.7	7.0	8.0
1984	8.2	7.8	7.8	7.5	7.6	8.8	10.4	7.4	7.9
1985	8.2	8.0	8.0	7.6	7.7	8.8	11.3	6.7	8.0
1986	7.8	7.5	7.4	7.2	7.5	8.1	10.2	7.7	7.6
1987	7.6	7.6	7.6	7.2	6.9	8.3	10.7	7.0	7.6
1988	7.9	7.3	7.3	7.1	7.2	8.0	11.3	6.8	7.5
1989	7.8	7.5	7.7	7.4	7.0	8.1	11.0	6.4	7.6
1990	7.4	7.0	7.0	7.0	6.6	7.9	11.4	6.7	7.2
1991	7.0	6.9	6.7	6.9	6.5	7.7	11.1	6.4	6.9
1992	7.1	6.8	6.9	6.6	6.5	7.6	11.0	6.0	6.9
1993	6.7	6.5	6.5	6.7	6.6	7.2	10.0	5.9	6.6
1994	6.8	6.6	6.7	6.7	6.4	7.6	10.8	6.3	6.7
1995	6.6	6.5	6.2	6.3	6.2	7.1	9.9	5.4	6.5

(a) State or Territory of usual residence basis.





## 37 INFANT MORTALITY RATES: STATES AND TERRITORIES(a)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
1901	103.7	102.9	101.9	100.1	128.9	89.0	62.5	0.0	103.6
1902	109.7	108.6	100.2	93.8	142.0	79.1	200.0	0.0	107.1
1903	110.4	106.4	119.9	96.8	141.2	110.8	181.8	0.0	111.4
1904	82.4	77.9	76.1	70.0	113.0	90.7	212.1	0.0	81.8
1905	80.6	83.3	75.5	72.8	104.2	80.7	111.1	0.0	81.8
1906	74.5	92.9	74.7	75.7	110.0	91.3	160.0	0.0	83.3
1907	88.5	72.6	77.6	66.2	97.5	83.0	185.2	0.0	81.1
1908	75.2	86.1	70.7	69.5	84.7	75.2	58.8	0.0	77.8
1909	73.9	71.4	71.5	60.9	78.0	64.9	111.1	0.0	71.6
1910	74.7	76.9	62.9	70.2	78.2	101.7	200.0	0.0	74.8
1911	69.5	68.7	65.4	60.6	76.0	73.4	96.8	33.3	68.5
1912	71.0	74.5	71.7	61.7	82.1	66.8	121.2	76.9	71.7
1913	77.8	70.5	63.4	69.9	70.3	70.7	115.4	22.7	72.2
1914	69.3	78.3	63.9	75.8	68.1	71.5	51.7	0.0	71.5
1915	67.7	68.8	64.3	67.0	66.5	72.4	65.6	42.6	67.5
1916	67.1	74.6	70.3	73.2	66.2	75.0	40.5	15.9	70.3
1917	56.9	56.8	53.9	53.1	57.1	52.3	43.5	45.5	55.9
1918	59.0	61.7	56.7	51.2	57.1	60.8	28.6	20.4	58.6
1919	71.8	67.9	71.9	64.0	61.1	65.0	66.0	111.1	69.2
1920	69.4	73.7	63.2	67.3	66.0	65.5	190.5	66.7	69.1
1921	62.6	72.5	54.2	65.5	78.3	78.0	63.3	74.1	65.7
1922	53.6	53.4	50.4	47.5	55.6	55.7	57.1	31.3	52.7
1923	60.6	65.7	53.9	60.3	56.3	57.5	13.9	0.0	60.5
1924	58.9	61.3	51.3	51.3	49.9	55.0	35.1	48.8	57.1
1925	54.9	57.0	45.2	46.1	56.6	55.2	30.8	106.4	53.4
1926	57.6	55.7	50.6	44.3	49.3	46.7	68.5	53.3	54.0
1927	54.9	56.1	54.5	53.4	45.9	53.0	102.9	168.8	54.5
1928	54.8	55.6	45.5	47.5	48.1	64.0	60.2	116.7	53.0
1929	56.4	47.2	46.0	40.9	56.1	53.2	18.9	32.7	51.1
1930	49.8	46.6	40.0	48.4	46.7	50.6	70.4	36.6	47.2
1931	43.5	44.5	36.7	36.3	41.5	46.0	83.3	37.3	42.1
1932	41.0	43.0	40.2	36.6	44.6	41.2	75.9	26.5	41.3
1933	39.3	40.4	42.7	32.1	36.8	41.1	94.6	53.4	39.5
1934	46.4	44.6	40.6	35.6	40.9	42.3	68.2	7.5	43.6
1935	39.4	41.2	37.3	34.9	40.2	51.8	83.3	47.3	39.8
1936	43.5	42.3	36.2	31.1	42.2	49.6	26.5	25.3	41.2
1937	40.7	36.7	35.6	33.1	37.5	41.7	30.3	14.5	38.1
1938	41.8	34.2	41.3	30.5	33.8	39.7	58.8	40.0	38.3
1939	41.0	35.6	35.5	34.9	40.8	40.6	58.0	23.9	38.2
1940	39.0	39.5	35.3	35.5	44.2	35.2	46.2	10.5	38.4
1941	43.8	36.2	39.1	32.5	35.3	49.0	83.3	16.4	39.7
1942	40.2	41.7	34.8	39.7	36.9	42.4	43.5	23.0	39.5
1943	36.2	35.8	37.8	36.7	32.6	40.6	75.0	18.6	36.3
1944	30.7	32.0	31.3	29.1	32.6	38.3	22.5	23.4	31.3
1945	30.6	28.0	29.8	28.1	29.5	27.5	55.6	12.3	29.4
1946	30.2	27.2	29.3	27.1	31.1	30.2	30.3	19.3	29.0
1947	29.8	26.3	30.8	24.3	30.9	27.3	43.5	19.8	28.5
1948	30.3	23.9	28.0	29.7	25.6	27.7	35.7	23.4	27.8
1949	27.3	21.9	24.7	27.7	26.4	23.9	37.6	15.9	25.3
1950	27.0	20.1	24.8	24.0	27.1	23.8	36.5	21.0	24.5

For footnotes see end of table.

## 37 INFANT MORTALITY RATES: STATES AND TERRITORIES(a)—continued

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1951	26.3	22.6	25.7	24.5	28.7	26.6	44.2	12.0	25.2
1952	24.5	22.3	24.9	23.1	24.9	21.7	31.3	23.6	23.8
1953	24.6	21.2	25.0	20.7	23.8	22.9	39.1	21.6	23.3
1954	25.3	19.3	22.3	21.3	22.5	23.9	17.5	4.7	22.5
1955	24.9	18.4	20.3	23.3	22.4	23.4	50.5	13.9	22.0
1956	23.5	19.3	22.7	19.9	22.7	21.0	43.2	10.2	21.7
1957	22.7	20.2	21.7	20.6	21.1	20.2	34.1	8.8	21.4
1958	21.3	19.2	19.4	22.4	21.5	19.5	31.6	18.0	20.5
1959	22.7	21.2	20.3	20.7	20.2	23.4	38.9	11.7	21.5
1960	21.2	18.5	21.0	18.9	21.6	19.1	33.5	17.7	20.2
1961	20.8	17.8	20.0	20.0	19.7	16.8	23.9	15.6	19.5
1962	21.4	18.5	21.1	19.1	22.3	20.7	40.0	17.6	20.4
1963	19.9	18.9	20.1	18.7	20.4	17.9	31.4	19.0	19.5
1964	20.3	16.9	19.2	19.0	19.7	20.1	32.9	21.0	19.1
1965	19.1	17.5	17.8	18.4	21.7	16.6	25.2	15.8	18.5
1966	19.2	17.4	17.8	17.9	19.9	14.6	75.7	19.8	18.7
1967	18.4	16.8	19.5	17.0	17.4	17.2	63.5	18.3	18.3
1968	18.7	14.4	20.3	16.3	20.4	17.2	48.5	17.0	17.8
1969	18.9	15.0	18.9	15.8	21.8	16.5	45.3	18.8	17.9
1970	19.7	14.5	17.9	16.2	21.2	14.2	48.0	17.6	17.9
1971	17.5	14.6	19.0	15.8	19.2	13.8	60.4	19.5	17.3
1972	17.6	14.5	17.8	16.4	15.6	16.4	41.7	16.5	16.7
1973	17.0	14.3	17.4	13.4	19.4	18.9	35.8	16.1	16.5
1974	16.7	14.9	15.7	15.3	16.1	17.9	37.1	14.5	16.1
1975	15.4	13.0	14.7	10.9	13.3	18.8	26.8	12.9	14.3
1976	14.9	11.3	15.0	14.5	13.2	11.7	23.4	15.9	13.8
1977	12.4	10.9	13.6	11.1	12.2	14.9	42.3	11.6	12.5
1978	13.0	10.4	12.7	11.8	11.2	14.9	20.7	13.8	12.2
1979	11.6	11.0	10.7	9.0	12.1	14.6	21.8	11.3	11.4
1980	10.9	10.0	10.9	10.1	11.7	12.8	14.2	8.0	10.7
1981	10.2	9.3	10.4	8.0	8.9	12.3	23.5	8.9	10.0
1982	10.1	10.4	10.5	11.3	9.3	8.4	19.9	10.2	10.3
1983	9.9	9.1	9.9	9.2	7.8	11.3	18.2	9.9	9.6
1984	9.2	8.8	9.0	7.6	10.7	11.8	13.8	10.0	9.2
1985	9.8	9.8	10.2	9.5	9.0	12.8	17.5	7.8	9.9
1986	9.0	8.6	8.7	7.4	8.8	11.4	16.0	8.5	8.8
1987	8.5	8.1	9.3	8.6	8.4	10.0	15.6	9.0	8.7
1988	9.2	7.8	8.4	7.9	8.5	9.6	19.2	8.1	8.7
1989	8.7	6.5	8.5	7.4	7.8	10.6	14.5	6.5	8.0
1990	8.1	7.8	7.7	8.5	8.6	8.9	15.2	9.4	8.2
1991	7.2	6.5	7.6	5.5	7.2	9.0	14.2	7.6	7.1
1992	7.4	5.6	7.9	6.1	7.0	6.6	15.5	6.3	7.0
1993	6.2	5.4	7.0	5.2	5.9	5.9	15.3	4.3	6.1
1994	6.3	5.1	6.2	4.7	5.6	7.5	11.3	4.7	5.9
1995	5.7	4.9	6.3	5.8	5.1	5.8	13.3	4.8	5.7

(a) Excludes 'full-blood Aborigines' prior to 1966. Prior to 1971 details are presented on State or Territory of registration basis, while from 1971 details are presented on State or Territory of usual residence basis. The Australian Capital Territory was included with New South Wales prior to 1911. From 1993 Australia includes Other Territories (nil registrations 1993 to 1995).

**38 DEATHS OF AUSTRALIAN DEFENCE PERSONNEL(a), STATES AND TERRITORIES**

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1939 (Sept.-Dec.)	8	8	6	5	4	—	—	—	31
1940	138	152	51	32	37	20	—	1	431
1941	1,356	1,372	512	456	443	117	5	12	4,273
1942	3,966	3,348	1,592	1,024	1,034	326	5	35	11,330
1943	3,052	2,521	1,466	800	757	262	9	33	8,900
1944	2,059	1,563	915	480	535	189	5	21	5,767
1945	2,488	1,739	889	419	542	122	1	22	6,222
1946	212	170	69	33	75	31	—	—	590
1947 (Jan.-June)	36	32	25	9	32	5	—	—	139

(a) Deaths of serving members of the Forces, whether occurring in Australia or overseas. The figures are based on slightly incomplete records and show the State or Territory in which the deceased members of the Forces resided before enlistment. The complete total for Australia for deaths of defence personnel from September 1939 to June 1947 was 37,778 persons.

## 39 EXPECTATION OF LIFE, AUSTRALIA

	At age (years)									
	0	1	10	20	30	40	50	60	70	80
MALES										
1901–1910	55.20	59.96	53.53	44.74	36.52	28.56	21.16	14.35	8.67	4.96
1920–1922	59.15	62.67	56.01	46.99	38.44	30.05	22.20	15.08	9.26	5.00
1932–1934	63.48	65.49	58.02	48.81	39.90	31.11	22.83	15.57	9.60	5.22
1946–1948	66.07	67.25	59.04	49.64	40.40	31.23	22.67	15.36	9.55	5.36
1953–1955	67.14	67.86	59.53	50.10	40.90	31.65	22.92	15.47	9.59	5.47
1960–1962	67.92	68.46	59.93	50.40	41.12	31.84	23.13	15.60	9.77	5.57
1965–1967	67.63	68.07	59.50	49.98	40.72	31.44	22.76	15.27	9.52	5.51
1970–1972	67.81	68.25	59.66	50.19	40.94	31.61	22.87	15.35	9.51	5.52
1973	68.66	68.95	60.35	50.84	41.56	32.17	23.46	15.83	9.85	5.74
1974	68.46	68.75	60.13	50.66	41.39	32.02	23.27	15.72	9.75	5.62
1975	69.33	69.47	60.82	51.33	42.05	32.69	23.93	16.36	10.29	5.96
1976	69.44	69.50	60.83	51.33	42.02	32.64	23.84	16.17	10.07	5.82
1977	69.99	69.98	61.31	51.81	42.56	33.17	24.38	16.67	10.50	6.02
1978	70.33	70.30	61.59	52.08	42.85	33.45	24.59	16.81	10.57	6.13
1979	70.86	70.76	62.04	52.49	43.24	33.82	24.93	17.13	10.80	6.28
1980	70.99	70.85	62.14	52.58	43.30	33.86	24.97	17.13	10.77	6.26
1981	71.36	71.17	62.46	52.88	43.57	34.13	25.17	17.29	10.85	6.30
1982	71.22	71.05	62.36	52.81	43.54	34.09	25.10	17.15	10.71	6.17
1983	72.13	71.89	63.16	53.55	44.26	34.77	25.70	17.72	11.18	6.45
1984	72.46	72.22	63.46	53.83	44.48	35.02	25.93	17.86	11.26	6.52
1985	72.40	72.21	63.47	53.86	44.58	35.10	25.99	17.87	11.23	6.36
1986	72.87	72.61	63.85	54.24	44.94	35.50	26.38	18.20	11.52	6.62
1987	73.06	72.78	64.01	54.38	45.08	35.64	26.49	18.31	11.57	6.65
1988	73.10	72.82	64.02	54.43	45.20	35.79	26.66	18.39	11.62	6.75
1989	73.32	72.97	64.17	54.53	45.25	35.87	26.67	18.37	11.53	6.59
1990	73.87	73.55	64.77	55.11	45.81	36.40	27.22	18.86	11.99	6.89
1991	74.40	73.99	65.17	55.49	46.14	36.73	27.55	19.13	12.17	6.95
1992	74.47	74.06	65.24	55.53	46.17	36.76	27.54	19.10	12.11	6.93
1993	74.99	74.50	65.70	55.98	46.60	37.20	27.97	19.49	12.38	7.03
1994	75.04	74.53	65.70	56.00	46.60	37.21	27.99	19.43	12.29	6.95
1993–95	74.95	74.48	65.66	55.94	46.57	37.19	27.97	19.45	12.35	6.99

39 EXPECTATION OF LIFE, AUSTRALIA --*continued*

	<i>At age (years)</i>									
	0	1	10	20	30	40	50	60	70	80
	FEMALES									
1901–1910	58.84	62.89	56.39	47.52	39.33	31.47	23.69	16.20	9.96	5.73
1920–1922	63.31	66.03	59.20	50.03	41.48	33.14	24.90	17.17	10.41	5.61
1932–1934	67.14	68.67	61.02	51.67	42.77	34.04	25.58	17.74	10.98	6.01
1946–1948	70.63	71.45	63.11	53.47	44.08	34.91	26.14	18.11	11.14	6.02
1953–1955	72.75	73.22	64.78	55.06	45.43	35.99	27.03	18.78	11.62	6.30
1960–1962	74.18	74.49	65.92	56.16	46.49	36.99	27.92	19.51	12.19	6.68
1965–1967	74.15	74.39	65.75	56.00	46.34	36.85	27.83	19.52	12.23	6.72
1970–1972	74.60	74.74	66.08	56.35	46.67	37.16	28.10	19.74	12.39	6.88
1973	75.60	75.69	67.02	57.27	47.56	37.98	28.87	20.44	12.93	7.20
1974	75.48	75.53	66.86	57.09	47.38	37.79	28.70	20.32	12.90	7.17
1975	76.36	76.29	67.58	57.81	48.08	38.51	29.38	20.90	13.43	7.55
1976	76.44	76.40	67.67	57.88	48.15	38.56	29.40	20.89	13.35	7.47
1977	76.94	76.78	68.05	58.29	48.57	38.98	29.81	21.29	13.69	7.68
1978	77.33	77.16	68.41	58.63	48.91	39.29	30.07	21.52	13.89	7.81
1979	77.88	77.67	68.93	59.13	49.43	39.78	30.52	21.89	14.18	7.94
1980	78.09	77.83	69.06	59.27	49.54	39.89	30.60	21.93	14.16	7.90
1981	78.42	78.11	69.33	59.52	49.79	40.11	30.81	22.09	14.33	8.05
1982	78.19	77.91	69.13	59.32	49.59	39.90	30.59	21.93	14.20	7.93
1983	78.76	78.45	69.65	59.82	50.09	40.41	31.06	22.37	14.59	8.28
1984	78.95	78.58	69.77	59.96	50.22	40.54	31.19	22.43	14.64	8.26
1985	78.81	78.51	69.71	59.89	50.18	40.48	31.11	22.36	14.46	8.13
1986	79.18	78.79	69.99	60.18	50.46	40.77	31.38	22.60	14.75	8.39
1987	79.53	79.12	70.29	60.47	50.74	41.05	31.66	22.84	14.90	8.51
1988	79.51	79.11	70.31	60.49	50.77	41.09	31.70	22.87	14.94	8.52
1989	79.60	79.17	70.36	60.53	50.79	41.09	31.68	22.81	14.87	8.46
1990	80.06	79.65	70.81	60.98	51.24	41.53	32.08	23.19	15.18	8.67
1991	80.39	79.90	71.04	61.21	51.48	41.79	32.33	23.41	15.37	8.81
1992	80.41	79.89	71.06	61.21	51.45	41.75	32.30	23.38	15.29	8.69
1993	80.86	80.28	71.44	61.60	51.82	42.13	32.65	23.68	15.55	8.86
1994	80.94	80.36	71.91	62.04	52.25	42.52	33.03	24.01	15.70	8.80
1993–95	80.84	80.28	71.43	61.59	51.81	42.11	32.64	23.68	15.56	8.85

## EXPLANATORY NOTES .....

### INTRODUCTION

- 1 The registration of deaths is the responsibility of the individual State and Territory Registrars and is based on information supplied by a relative or other person acquainted with the deceased, or an official of the institution where the death occurred, and on information supplied by a medical practitioner as to the cause of death. This information is supplied to the ABS by individual Registrars for compilation into the aggregate statistics in this publication.
- 2 In the main, statistics in this publication refer to deaths registered by the State and Territory Registrars during the calendar year shown. There is usually an interval between the occurrence and registration of a death and, as a result of delays in registration, some deaths occurring in one year are not registered until the following year or even later.

### DEATHS REGISTERED IN THE SAME YEAR AS THEY OCCURRED

Year	%	Year	%
1985	92.1	1991	93.6
1986	92.8	1992	94.3
1987	93.5	1993	94.8
1988	92.9	1994	95.6
1989	93.8	1995	95.2
1990	92.8		

- 3 To aid comparison of the number of deaths registered and the number occurring in a particular year, summary statistics on the basis of year of occurrence are presented in tables 3 and 4 and in tables 26 to 30.

### STATES AND TERRITORIES

- 4 Statistics for States and Territories have been compiled and presented in respect of the State or Territory of usual residence of the deceased, regardless of where in Australia the death occurred and was registered.
- 5 Table 18 shows the number of deaths cross-classified by State or Territory of usual residence and State or Territory of registration.
- 6 In 1988, revisions were made to Northern Territory legislation to enable the registration of a death prior to the certification of cause. As a result, deaths registered in the Northern Territory during 1988 included a number of deaths which would not necessarily have been registered in 1988 under the former legislation. The 35% increase in registered deaths over the previous year in part reflects this effect. This should be borne in mind when interpreting statistics for 1988 and comparing them with other years.
- 7 As a result of an amendment made in 1992 to section 17(a) of the *Acts Interpretation Act 1901-1973* (Cwlth) the Indian Ocean Territories of Christmas Island and Cocos (Keeling) Islands are now included as part of geographic Australia. Hence another category at the State/Territory level has been created. This category is known as 'Other Territories' and includes Christmas Island, Cocos (Keeling) Islands and Jervis Bay Territory. Prior to 1993, usual residence data for Christmas Island and Cocos (Keeling) Islands were included with

off-shore areas and migratory in Western Australia, while usual residence data for Jervis Bay Territory were included with the Australian Capital Territory. Cause of death data do not include deaths of persons usually resident in Other Territories.

DEATHS OF AUSTRALIAN INDIGENOUS PEOPLE

**8** This publication includes Indigenous death data for South Australia, Western Australia, the Northern Territory and the Australian Capital Territory. Due to the small numbers involved in the Australian Capital Territory, only summary details have been provided.

EXCLUSIONS

**9** Figures in this publication do not include fetal deaths (stillbirths). A *fetal death* is defined as any child born weighing at least 500 grams at delivery (or, when birthweight is unavailable, of at least 22 weeks gestation) which did not, at any time after being born, breathe or show any other sign of life. Statistics on fetal deaths are given in *Causes of Death, Australia* (3303.0).

**10** Deaths of Australian residents which took place outside Australia are not included in the statistics.

CAUSES OF DEATH

**11** Data concerning causes of death are classified according to the Ninth Revision of the World Health Organisation's International Classification of Diseases.

AUSTRALIAN LIFE TABLES

**12** The 1993-95 life tables start a new series produced jointly by the ABS and the Office of the Australian Government Actuary. The tables differ from those published previously in this bulletin in a number of important respects. Firstly, they are based on three years of population and deaths data. This is designed to reduce the impact of year-to-year statistical variations, particularly at younger ages where there is a small number of deaths and at very old ages where the population at risk is small. Secondly, the population and deaths data are based on Australian residents who are physically present in Australia over the three-year period i.e. Australian residents temporarily overseas are excluded. Thirdly, they have been actuarially graduated on the same principles as are used for the quinquennial Australian life tables prepared by the Australian Government Actuary. Life tables for States and Territories are produced on the same principles as these tables and are available on request.

RELATED PUBLICATIONS

**13** Other ABS publications which may be of interest to users include:  
*Australian Demographic Statistics* (3101.0) — issued quarterly  
*Births, Australia* (3301.0) — issued annually  
*Causes of Death, Australia* (3303.0) — issued annually  
*Demography, No 87, 1971* (Ref. No. 4.9) which includes the number of deaths registered and crude death rates for each year from 1901 to 1971.  
*Perinatal deaths, Australia* (3304.0) — issued annually to 1993  
*Projections of the Populations of Australia, States and Territories, 1995 to 2051* (3222.0) based on preliminary estimated resident population at 30 June 1995.

**14** From 1994 detailed State and Territory data for deaths and causes of death are available in *Causes of Death, Australia* (3301.0). For the years 1990 to 1993 inclusive, additional data on deaths for each State are available in *Deaths* (3312.1-6).

**15** A compendium of all demographic data for each State and Territory is released in State specific publications, *Demography* (3311.1-8). Except for Northern Territory the first release contained 1990 data. The first release for the Northern Territory contained 1993 data. These publications are released each year and contain a variety of demographic data including summary data on deaths.

**16** Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. Both are available from any ABS office.

**17** Australian Life Tables 1990-92 prepared by the Australian Government Actuary were released in 1995. Copies are available from the Commonwealth Government bookshops or the Mail Order Sales Service.

#### ADDITIONAL STATISTICS AVAILABLE

**18** In some cases, the ABS can also make available information which is not published. Appendix F lists characteristics processed by the ABS for deaths registered. This information may be made available in one or more of the following forms: photocopy, data tape, floppy disks, computer printout, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. A list of tables produced annually is in Appendix G.



# APPENDIX A AUSTRALIAN LIFE TABLE .....

AUSTRALIAN LIFE TABLE, 1993-95

Age	<i>Males</i>				
	<i>Lx</i>	<i>qx</i>	<i>Lx</i>	<i>e'x</i>	<i>Age</i>
0	100,000	0.00698	99,302	74.95	50
1	99,302	0.00063	99,268	74.48	51
2	99,239	0.00042	99,217	73.52	52
3	99,198	0.00033	99,181	72.55	53
4	99,165	0.00026	99,151	71.58	54
5	99,139	0.00022	99,128	70.60	55
6	99,118	0.00019	99,108	69.61	56
7	99,099	0.00017	99,090	68.62	57
8	99,082	0.00016	99,074	67.64	58
9	99,066	0.00016	99,058	66.65	59
10	99,050	0.00016	99,042	65.66	60
11	99,034	0.00016	99,026	64.67	61
12	99,018	0.00017	99,010	63.68	62
13	99,001	0.00021	98,992	62.69	63
14	98,981	0.00028	98,968	61.70	64
15	98,953	0.00039	98,935	60.72	65
16	98,915	0.00056	98,889	59.74	66
17	98,859	0.00076	98,824	58.78	67
18	98,785	0.00094	98,739	57.82	68
19	98,692	0.00108	98,639	56.87	69
20	98,585	0.00116	98,528	55.94	70
21	98,470	0.00120	98,411	55.00	71
22	98,351	0.00121	98,292	54.07	72
23	98,232	0.00121	98,173	53.13	73
24	98,113	0.00121	98,054	52.19	74
25	97,995	0.00121	97,935	51.26	75
26	97,876	0.00123	97,815	50.32	76
27	97,755	0.00126	97,693	49.38	77
28	97,632	0.00129	97,569	48.44	78
29	97,505	0.00132	97,441	47.50	79
30	97,376	0.00135	97,311	46.57	80
31	97,245	0.00138	97,178	45.63	81
32	97,111	0.00140	97,043	44.69	82
33	96,975	0.00143	96,906	43.75	83
34	96,836	0.00146	96,766	42.81	84
35	96,695	0.00149	96,623	41.88	85
36	96,550	0.00153	96,477	40.94	86
37	96,403	0.00157	96,327	40.00	87
38	96,251	0.00162	96,173	39.06	88
39	96,095	0.00169	96,014	38.13	89
40	95,933	0.00176	95,849	37.19	90
41	95,764	0.00185	95,676	36.25	91
42	95,586	0.00197	95,493	35.32	92
43	95,398	0.00210	95,300	34.39	93
44	95,198	0.00225	95,092	33.46	94
45	94,984	0.00244	94,870	32.53	95
46	94,752	0.00265	94,629	31.61	96
47	94,501	0.00289	94,367	30.69	97
48	94,228	0.00317	94,081	29.78	98
49	93,929	0.00349	93,768	28.88	99

*Lx* number of persons at exact age x

*qx* proportion dying between exact age x and exact age x + 1

*Lx* number of persons surviving at age x last birthday

*e'x* complete expectation of life at exact age x



## APPENDIX B

### ESTIMATED RESIDENT POPULATION(a), STATES AND TERRITORIES, YEAR ENDED 30 JUNE

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT(b)</i>	<i>Australia(c)</i>
1975	4,933,662	3,788,394	2,051,820	1,265,103	1,155,499	410,039	92,101	198,780	13,895,398
1980	5,171,766	3,914,238	2,267,615	1,307,962	1,269,270	423,605	118,828	224,431	14,697,715
1985	5,464,704	4,119,696	2,571,491	1,371,062	1,419,004	442,483	148,647	251,242	15,788,329
1990	5,833,697	4,377,421	2,898,510	1,432,384	1,612,495	461,788	163,526	282,164	17,061,985
1991	5,899,171	4,420,801	2,962,411	1,446,263	1,636,559	466,721	165,808	288,808	17,286,542
1992	5,958,510	4,450,294	3,034,702	1,457,177	1,657,900	469,641	167,459	294,241	17,489,924
1993	6,001,486	4,465,040	3,117,246	1,463,286	1,677,058	471,522	169,617	298,907	17,664,162
1994	6,049,238	4,475,465	3,196,134	1,469,371	1,701,064	472,464	171,072	300,867	17,838,401
1995	6,112,216	4,501,065	3,277,053	1,473,627	1,731,160	472,998	174,065	304,064	18,049,016

(a) For years prior to 1994 details relate to estimated mean resident population for year ended 31 December. For 1994 and later years details relate to the estimated resident population at 30 June. (b) Excludes Jervis Bay Territory from 1 July 1993. (c) Includes Other Territories from 1 July 1993. See paragraph 30 of the Explanatory Notes.

APPENDIX C

ESTIMATED RESIDENT POPULATION, AGE GROUPS, SEX, 30 JUNE

Age group (years)	1975	1980	1985	1990	1993	1994	1995
MALES							
Under 1	120,678	114,488	123,187	131,758	131,605	131,108	131,349
1-4	533,878	465,408	490,986	513,473	528,168	530,356	530,211
5-9	639,744	667,240	602,564	647,321	654,439	655,429	659,735
10-14	664,094	650,465	691,162	633,992	648,963	654,722	662,145
15-19	629,462	666,525	666,977	717,426	665,409	656,284	651,620
20-24	588,423	644,044	686,549	688,523	736,291	740,128	736,147
25-29	591,783	610,553	667,059	715,830	683,601	680,879	692,898
30-34	486,844	599,835	627,449	699,153	729,998	733,993	727,632
35-39	424,988	485,326	624,620	656,292	682,000	691,065	706,720
40-44	388,606	414,661	496,034	640,461	654,391	656,094	661,653
45-49	415,784	380,108	420,166	503,478	595,889	619,079	637,487
50-54	387,405	396,506	375,001	420,262	456,880	474,887	496,818
55-59	309,767	365,862	385,087	366,929	383,862	395,977	409,248
60-64	279,030	282,288	344,686	367,815	356,357	352,123	349,212
65-69	211,570	245,779	253,908	313,789	330,957	333,955	336,897
70-74	145,386	170,110	205,141	217,888	250,169	262,919	269,491
75-79	83,760	102,370	126,330	154,537	164,013	164,977	170,910
80-84	44,053	49,205	63,415	80,776	92,644	97,651	102,230
85 and over	23,926	27,287	32,407	41,566	50,210	53,111	56,267
<i>Total</i>	<i>6,969,181</i>	<i>7,338,060</i>	<i>7,882,728</i>	<i>8,511,269</i>	<i>8,795,846</i>	<i>8,884,737</i>	<i>8,988,670</i>
FEMALES							
Under 1	114,903	108,080	117,835	124,796	124,920	124,367	124,346
1-4	511,137	444,213	467,548	488,125	501,354	503,316	503,562
5-9	608,428	639,345	572,567	614,981	622,687	623,797	626,500
10-14	626,762	621,755	659,692	600,548	613,688	619,375	628,572
15-19	604,248	641,032	637,729	684,977	631,565	622,558	617,045
20-24	576,429	625,104	662,902	669,837	713,510	713,739	708,717
25-29	567,739	599,356	652,448	706,777	679,403	677,648	687,387
30-34	457,097	580,650	625,206	694,449	730,189	733,853	730,377
35-39	402,490	465,205	603,016	656,478	685,300	695,109	709,221
40-44	364,748	395,175	472,483	618,755	647,937	654,395	663,996
45-49	388,297	361,420	398,492	478,641	573,621	599,084	619,246
50-54	378,818	378,030	358,042	400,880	433,827	451,745	475,734
55-59	319,957	370,982	373,937	359,137	375,251	386,324	396,135
60-64	299,888	308,423	363,859	370,653	357,954	353,294	352,071
65-69	239,784	282,834	292,431	348,562	356,272	356,636	355,525
70-74	184,724	214,965	259,198	270,638	303,430	315,508	322,206
75-79	135,950	151,667	183,980	220,691	231,352	231,270	235,904
80-84	86,475	97,656	115,408	139,325	157,096	164,858	171,269
85 and over	55,940	71,404	88,811	105,609	121,225	126,788	132,533
<i>Total</i>	<i>6,923,814</i>	<i>7,357,296</i>	<i>7,905,584</i>	<i>8,553,859</i>	<i>8,860,581</i>	<i>8,953,664</i>	<i>9,060,346</i>

ESTIMATED RESIDENT POPULATION, AGE GROUPS, SEX, 30 JUNE—*continued*

<i>Age group (years)</i>	<i>1975</i>	<i>1980</i>	<i>1985</i>	<i>1990</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>
PERSONS							
Under 1	235,581	222,568	241,022	256,554	256,525	255,475	255,695
1-4	1,045,015	909,621	958,534	1,001,598	1,029,522	1,033,672	1,033,773
5-9	1,248,172	1,306,585	1,175,131	1,262,302	1,277,126	1,279,226	1,286,235
10-14	1,290,856	1,272,220	1,350,854	1,234,540	1,262,651	1,274,097	1,290,717
15-19	1,233,710	1,307,557	1,304,706	1,402,403	1,296,974	1,278,842	1,268,665
20-24	1,164,852	1,269,148	1,349,451	1,358,360	1,449,801	1,453,867	1,444,864
25-29	1,159,522	1,209,909	1,319,507	1,422,607	1,363,004	1,358,527	1,380,285
30-34	943,941	1,180,485	1,252,655	1,393,602	1,460,187	1,467,846	1,458,009
35-39	827,478	950,531	1,227,636	1,312,770	1,367,300	1,386,174	1,415,941
40-44	753,354	809,836	968,517	1,259,216	1,302,328	1,310,489	1,325,649
45-49	804,081	741,528	818,658	982,119	1,169,510	1,218,163	1,256,733
50-54	766,223	774,536	733,043	821,142	890,707	926,632	972,552
55-59	629,724	736,844	759,024	726,066	759,113	782,301	805,383
60-64	578,918	590,711	708,545	738,468	714,311	705,417	701,283
65-69	451,354	528,613	546,339	662,351	687,229	690,591	692,422
70-74	330,110	385,075	464,339	488,526	553,599	578,427	591,697
75-79	219,710	254,037	310,310	375,228	395,365	396,247	406,814
80-84	130,528	146,861	178,823	220,101	249,740	262,509	273,499
85 and over	79,866	98,691	121,218	147,175	171,435	179,899	188,800
<b>Total</b>	<b>13,892,995</b>	<b>14,695,356</b>	<b>15,788,312</b>	<b>17,065,128</b>	<b>17,656,427</b>	<b>17,838,401</b>	<b>18,049,016</b>

# APPENDIX D

## LIVE BIRTHS REGISTERED .....

### LIVE BIRTHS REGISTERED, SEX, STATES AND TERRITORIES

<i>Selected years</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Other Territories</i>	<i>Australia</i>
MALES										
1975	41,769	31,865	18,615	10,148	10,477	3,624	1,196	2,147	..	119,850
1980	41,159	29,771	18,077	9,420	10,542	3,495	1,340	2,144	..	115,948
1985	45,058	31,497	20,843	10,147	11,775	3,661	1,688	2,144	..	126,813
1990	46,752	34,357	23,082	10,170	13,082	3,620	1,798	2,333	..	135,194
1991	44,942	33,636	22,564	10,175	12,959	3,454	1,799	2,436	..	131,965
1992	47,710	33,691	23,600	9,957	12,879	3,595	1,913	2,256	..	135,601
1993	45,906	32,793	24,055	10,232	12,925	3,523	1,884	2,234	20	133,572
1994	45,187	32,904	24,148	9,951	12,867	3,497	1,818	2,232	21	132,625
1995	44,884	32,108	23,863	9,977	12,942	3,390	1,960	2,291	17	131,432
FEMALES										
1975	39,403	29,913	17,713	9,735	9,888	3,390	1,079	2,031	..	113,162
1980	38,642	28,251	16,924	9,010	10,110	3,281	1,262	2,099	..	109,579
1985	42,728	30,058	19,594	9,643	11,334	3,588	1,627	1,963	..	120,535
1990	43,782	32,613	21,786	9,693	12,274	3,423	1,759	2,124	..	127,454
1991	42,425	31,802	21,596	9,465	12,458	3,416	1,800	2,320	..	125,282
1992	44,875	32,075	22,640	9,354	12,194	3,392	1,829	2,191	..	128,550
1993	43,448	31,256	22,723	9,846	12,156	3,312	1,719	2,180	17	126,657
1994	42,790	31,070	22,430	9,458	12,271	3,347	1,808	2,229	23	125,426
1995	42,965	30,483	22,621	9,359	12,197	3,180	1,806	2,124	23	124,758
PERSONS										
1975	81,172	61,778	36,328	19,883	20,365	7,014	2,275	4,178	..	233,012
1980	79,801	58,022	35,001	18,430	20,652	6,776	2,602	4,243	..	225,527
1985	87,786	61,555	40,437	19,790	23,109	7,249	3,315	4,107	..	247,348
1990	90,534	66,970	44,868	19,863	25,356	7,043	3,557	4,457	..	262,648
1991	87,367	65,438	44,160	19,640	25,417	6,870	3,599	4,756	..	257,247
1992	92,585	65,766	46,240	19,311	25,073	6,987	3,742	4,447	..	264,151
1993	89,354	64,049	46,778	20,078	25,081	6,835	3,603	4,414	37	260,229
1994	87,977	63,974	46,578	19,409	25,138	6,844	3,626	4,461	44	258,051
1995	87,849	62,591	46,484	19,336	25,139	6,570	3,766	4,415	40	256,190



## APPENDIX F

### CHARACTERISTICS AVAILABLE FOR REGISTERED DEATHS .....

Date of registration  
State of registration  
Date of death  
Age at death  
Duration of residence in Australia  
Sex  
Marital status  
Usual residence at death  
Birthplace  
Occupation  
Cause of death  
Age at marriage  
Place of marriage  
Number of children  
Aboriginal or Torres Strait Islander origin (only available for some States)  
Hospital  
Place of death  
Date of birth  
Date of marriage

## APPENDIX G

## STANDARD PRODUCTS .....

## REGISTERED DEATHS

	Table number	Description
Deaths		
	DTHR0001	Sex by year and month of occurrence and month of registration
	DTHR0002	Sex by age and month of registration
	DTHR0003	Sex by quarter of registration by age at death and State or Territory of usual residence
	DTHR0004	Sex by quarter of registration by age at death and marital status
	DTHR0007	Occupation of males aged 15 to 64 and of females aged 15 to 59 by State or Territory of usual residence
	DTHR0009	Occupation of males aged over 15 years
	DTHR0010	Occupation of females aged over 15 years
	DTHR0011	Ever married by sex by marital status by age and issue
	DTHR0012	Sex by country of birth and State or Territory of usual residence
	DTHR0013	Sex by country of birth and age at death
	DTHR0014	Sex by country of birth and period of residence in Australia
	DTHR0015	Sex by State or Territory of usual residence by State or Territory of registration
	DTHR0016	Sex by State or Territory of usual residence by cause of death
	DTHR0017	Sex by age at death and State or Territory of registration
Infant deaths		
	DTHR0005	Sex by year and month of occurrence and age at death
	DTHR0006	Sex by age at death and State or Territory of usual residence
	DTHR0018	Sex by age at death and State or Territory of registration

For tables relating to causes of death and perinatal deaths (stillbirths and deaths under four weeks of age) see *Causes of Death, Australia* (3303.0).

## GLOSSARY .....

Age-specific death rate	Is the number of deaths at a specified age per 1,000 of the estimated resident population of that age, at 30 June. The infant mortality rate is used for the age-specific rate for children under 1 year of age.
Country of birth	The classification of countries in this publication is the Australian Standard Classification of Countries for Social Statistics (ASCCSS). For more detailed information refer to the ABS publication <i>Australian Standard Classification of Countries for Social Statistics</i> (1269.0).
	Recent political developments in Europe and the Former USSR have resulted in a number of changes to the ASCCSS. These changes have affected some of the categories in this publication and are detailed in Revision 1.02 of the ASCCSS.
Crude death rate	Is the number of deaths registered during the calendar year, per 1,000 of estimated resident population at 30 June of that year. For years prior to 1994, the crude death rate is based on the mean estimated resident population for the calendar year.
Estimated resident population (ERP)	Is the official ABS estimate of the Australian population. The ERP is based on the results of the latest population census and updated for subsequent births, deaths and overseas and interstate migration.
	Death rates shown in this publication for the years since 1974 are calculated using estimates of resident population. A description of the conceptual basis of the estimated resident population is contained in <i>Population Estimates: Concepts, Sources and Methods</i> (3228.0). Revised population estimates are shown in <i>Australian Demographic Statistics</i> (3101.0) (issued quarterly).
Infant death	Is the death of a live born child who died when less than one year old.
Infant mortality rate	Is the number of deaths of children under one year of age per 1,000 live births.
Life expectancy	Refers to the average number of additional years a person of a given age and sex might expect to live if the age-specific death rates of the given period continued throughout his or her lifetime.
Marital status	Two separate concepts are measured by the ABS, registered marital status and social marital status. They are different personal characteristics and are independent variables with separate classifications. Marital status used in this publication is registered marital status which refers to formally registered marriages for which the partners hold a marriage certificate.
Median value	The median value (age, duration) is that value which divides the relevant population into two equal parts, half falling below the value, and half exceeding it. Where the value for a particular record has not been stated, that record is excluded from the calculation.

Standardised death rate	<p>Two different methods are used in the calculation of standardised death rates:</p> <ul style="list-style-type: none"><li>▪ Direct method — expressed per 1,000 persons. It is the overall death rate that would have prevailed in a standard population if it had experienced at each age the death rates of the population being studied. The standard population used in these calculations is all persons in the 1991 Australian population. The direct method is used for State, Territory and Australia rates, except where they are compared to Indigenous indirect standardised rates.</li><li>▪ Indirect method — expressed per 1,000 persons. The indirect method is used to calculate rates for small populations of deaths and is used in this publication to calculate of standardised death rates for Indigenous deaths. This is calculated by initially applying a standard set of age-specific rates (those for persons in the 1991 Australian population) to the population under study, and comparing the actual number of deaths with the number expected assuming that these standard death rates applied. The standardised death rate for the population under study is then calculated by multiplying the crude death rate of the standard population by the ratio of actual deaths to expected deaths.</li></ul>
State or Territory of usual residence	Refers to the State or Territory of usual residence of the population in estimated resident population and to the State or Territory of usual residence of the deceased in deaths.

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