

# Appendix 2: Data tables

## 1.01 Incidence of heart attacks

**Table A1.01(a): Coronary heart disease events, people aged 40–90 years, Australia, 1993–94 to 2000–01**

	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–00	2000–01
Males	1,046	1,020	1,002	960	913	874	843	815
Females	511	500	472	457	434	416	404	392

*Notes*

1. Age-standardised incidence rates.
2. Data are for financial years, reflecting how hospital admission data are collected in the National Hospital Morbidity Database. To align the mortality data, which are based on calendar years, with the hospital data, coronary deaths are averaged over consecutive years to obtain financial year data.
3. CHD codes ICD-9 are 410–414, ICD-10-AM codes are I20–I25; AMI ICD-9 code 410 and ICD-10-AM code I21.
4. For CHD, mortality data for 1997 and earlier have been multiplied by 1.01 to allow for the change in automated coding system by the Australian Bureau of Statistics (ABS).

*Source:* AIHW National Hospital Morbidity Database. AIHW National Mortality Database. Methods described in AIHW: Mathur S 2002, *Epidemic of Coronary Heart Disease and its Treatment in Australia*.

**Table A1.01(b): Estimated CHD events per 1000,000 population using hospital morbidity data and mortality data, by age group, 2000–01**

Age group	Males	Females
40–44	23.3	5.6
45–49	44.6	9.2
50–54	73.7	15.8
55–59	125.0	35.7
60–64	220.1	60.5
65–69	372.5	134.7
70–74	655.2	307.6
75–79	1,122.5	583.0
80–84	1,971.5	1,262.1
85–90	3,582.7	2,691.0
40–90	323.2	300.1

*Notes*

1. Age-specific rates.
2. Data are for financial years, reflecting how hospital admission data are collected in the National Hospital Morbidity Database. To align the mortality data, which are based on calendar years, with the hospital data, coronary deaths are averaged over consecutive years to obtain financial year data.
3. CHD codes ICD-9 are 410–414, ICD-10-AM codes are I20–I25; AMI ICD-9 code 410 and ICD-10-AM code I21.
4. For CHD, mortality data for 1997 and earlier have been multiplied by 1.01 to allow for the change in automated coding system by the Australian Bureau of Statistics (ABS).

*Source:* AIHW National Hospital Morbidity Database. AIHW National Mortality Database. Methods described in AIHW: Mathur S 2002, *Epidemic of Coronary Heart Disease and its Treatment in Australia*.

## 1.02 Incidence of cancer

**Table A1.02: Age standardised incidence rates per 100,000 population for selected cancers and all cancers, Australia, 1999**

	<b>Males</b>	<b>Females</b>
Colorectal	74.4	54.1
Melanoma	53.3	37.4
Lung	63.8	25.7
Prostate	125.3	..
Breast	..	110.6
Cervix	..	8.2
Non-Hodgkin's lymphoma	21.0	14.9
All cancers	533.7	383.1

*Notes*

1. The 'All cancers' group covers all malignant neoplasms (ICD 10 codes C00–C96) excluding non-melanoma skin cancer (C44) which is not a registrable cancer, and so is not comprehensively recorded in cancer registries. See Appendix 3 for codes of selected cancers.
2. All rates are expressed per 100,000 males and per 100,000 females and are age standardised to the June 2001 Australian population.

*Sources:* AIHW & Australasian Association of Cancer Registries (AACR) 2002. *Cancer in Australia 1999*. AIHW Cat. no. CAN 15. Canberra: AIHW (Cancer Series no. 20). AIHW (unpub.).

**Table A1.02(a): Incidence rates for all cancers, by sex, Australia, 1983–1999**

	<b>Males</b>	<b>Females</b>
1983	460.5	323.5
1984	472.1	331.2
1985	481.1	336.9
1986	473.7	338.3
1987	490.9	351.5
1988	497.1	350.5
1989	504.6	352.9
1990	517.2	355.6
1991	525.7	369.4
1992	546.2	370.3
1993	580.2	374.8
1994	608.2	387.1
1995	587.2	393.1
1996	561.0	384.9
1997	550.8	388.6
1998	541.8	390.5
1999	533.7	383.1

*Notes*

1. The 'All cancers' group covers all malignant neoplasms (ICD 10 codes C00–C96) excluding non-melanoma skin cancer (C44) which is not a registrable cancer, and so is not comprehensively recorded in cancer registries. See Appendix 3 for codes of selected cancers.
2. All rates are expressed per 100,000 males and per 100,000 females and are age standardised to the June 2001 Australian population.

*Sources:* AIHW & AACR 2002, *Cancer in Australia 1999*. AIHW (unpub.)

**Table A1.02(b): Incidence rates for all cancers, by age and sex, 1999, Australia**

	<b>Males</b>	<b>Females</b>
0–4	23.1	21.4
5–9	11.9	8.7
10–14	11.4	12.8
15–19	28.4	21.7
20–24	36.4	38.3
25–29	55.0	63.2
30–34	78.4	109.0
35–39	109.7	165.4
40–44	158.4	269.2
45–49	249.0	393.5
50–54	453.5	564.4
55–59	808.1	744.9
60–64	1,275.2	934.4
65–69	1,942.7	1,147.1
70–74	2,595.7	1,385.4
75–79	3,235.9	1,617.4
80–84	3,468.5	1,767.2
85 and over	3,831.6	1,911.6

*Notes*

1. The 'All cancers' group covers all malignant neoplasms (ICD 10 codes C00–C96) excluding non-melanoma skin cancer (C44) which is not a registrable cancer, and so is not comprehensively recorded in cancer registries. See Appendix 3 for codes of selected cancers.
2. All rates are expressed per 100,000 males and per 100,000 females and are age standardised to the June 2001 Australian population.

Sources: AIHW & AACR 2002. *Cancer in Australia 1999*. AIHW (unpub.).

## 1.03 Severe or profound core activity limitation

**Table A1.03: Prevalence rates of severe and profound activity limitation, 1988, 1993 and 1998, Australia**

	<b>1988</b>	<b>1993</b>	<b>1998</b>
<b>Males</b>			
5–14 years	2.5	2.9	4.9
15–64 years	2.2	2.4	3.4
65–74 years	6.1	7.2	8.5
75+ years	21.8	23.7	27.5
All ages	3.3	4.1	5.5
<b>Females</b>			
5–14 years	1.9	1.9	2.4
15–64 years	2.6	2.5	3.5
65–74 years	10.1	10.6	10.4

(continued)

**Table A1.03 (continued): Prevalence rates of severe and profound activity limitation, 1988, 1993 and 1998, Australia**

75+ years	35.5	32.3	36.7
All ages	4.4	4.8	5.9
<b>Persons</b>			
5–14 years	2.2	2.4	3.7
15–64 years	2.4	2.4	3.4
65–74 years	9.5	9.0	9.5
75+ years	30.7	29.1	33.4
<b>All ages</b>	<b>4.0</b>	<b>4.5</b>	<b>5.7</b>

*Notes*

1. Disability data were re-derived using criteria common to the three surveys.
2. Only people aged 5 years and over are included. Information on severity of core activity limitation among children aged under 5 years was collected in the 1998 survey but not in the previous surveys. These data are adjusted by the Australian Bureau of Statistics (ABS) to allow for some of the differences that occurred between 1993 and 1998 due to changes in the survey questions and protocol (ABS: Davis et al. 2001).
3. The rates are age-standardised against the June 2001 Australian population.

*Source:* AIHW analysis of ABS 1999, *Survey of disability, ageing and carers, 1998*.

*Reference:* ABS: Davis E, Beer J, Gligora C, Thorn A 2001. *Accounting for change in disability and severe restriction, 1981–1988*. Working papers in social and labour statistics. Working paper no. 2001/1. Canberra: ABS.

## 1.04 Life expectancy

**Table A1.04(a): Life expectancy at birth, Australia, 1901 to 2001**

	<b>Males</b>	<b>Females</b>
1901–1910	55.20	58.84
1920–1922	59.15	63.31
1932–1934	63.48	67.14
1946–1948	66.07	70.63
1953–1955	67.14	72.75
1960–1962	67.92	74.18
1965–1967	67.63	74.15
1970–1972	67.81	74.49
1975–1977	69.56	76.56
1980–1982	71.23	78.27
1985–1987	72.74	79.20
1990–1992	74.32	80.39
1995–1997	75.69	81.37
1999–2001	77.03	82.41

*Sources:* Australian Government Actuary 1999, *Australian Life Tables 1995–1997*. Australian Bureau of Statistics (ABS) 2002, *Deaths Australia 2001*.

**Table A1.04(b): Life expectancy at birth, selected OECD countries, 2001**

	<b>Males</b>		<b>Females</b>
Iceland	78.2	Japan	84.7
Japan	77.9	France	82.9
Sweden	77.7	Switzerland	82.8
Australia	77.4	Spain	82.6
Switzerland	77.3	Australia	82.6
Canada	76.6	Sweden	82.3
Italy	76.1	Italy	82.2
Norway	76.1	Canada	81.9
New Zealand	76.1	Austria	81.8
Austria	75.9	Luxembourg	81.8
Netherlands	75.8	Norway	81.4
France	75.6	Iceland	81.3
Greece	75.5	Finland	81.2
Spain	75.3	Germany	81.1
Germany	75.1	New Zealand	80.9
United Kingdom	75.1	Greece	80.8
Luxembourg	74.9	Netherlands	80.7
Denmark	74.8	United Kingdom	79.9
Finland	74.5	Denmark	79.5
United States	74.3	United States	79.5

*Note:* Only OECD countries are included, but data are sourced from the World Health Organization (WHO).

*Source:* WHO 2002, *The World Health Report 2002*.

## 1.05 Psychological distress

Table A1.05(a): Levels of psychological distress by sex, Australia, 2001

	Low	Moderate	High	Very high
Males	68.8	21.3	7.1	2.7
Females	60	24.7	10.9	4.4
Persons	64.3	23	9	3.6

*Notes*

1. As measured by the K10 scale, from which a score of 10 to 50 is produced.
2. Age-standardised percentages.

Sources: Australian Bureau of Statistics (ABS) 2002, *National Health Survey 2001: Summary of Results, Australia*.

Table A1.05(b): Prevalence rates of psychological distress by age and sex, Australia, 2001

Levels of psychological distress	18–24	25–34	35–44	45–54	55–64	65–74	75 and over	Mean (18 and over)
<b>Males</b>								
Low (10–15)	60.4	63.6	70	69.8	73.7	78.1	74.2	68.8
Moderate (16–21)	28.8	26.1	19.6	20.5	15.8	14.2	19.3	21.3
High (22–29)	8.1	8.4	7.8	6.1	6.9	5.8	4.6	7.1
Very high (30–50)	2.7	2.1	2.5	3.7	3.6	1.9	*1.9	2.7
<b>Females</b>								
Low (10–15)	46.3	54.4	59.4	61.8	67	71.2	68.7	60
Moderate (16–21)	31.7	29.8	25.1	22.7	20.2	18.4	19.2	24.7
High (22–29)	16.7	11.2	11.3	10	9.3	7	9.1	10.9
Very high (30–50)	5.4	4.6	4.2	5.5	3.6	3.4	3	4.4

*Notes*

1. As measured by the K10 scale, from which a score of 10 to 50 is produced.
2. Age-standardised percentages.
3. Figure for men aged 75 and over is an estimate, has a relative standard error of between 25% and 50%, and should be used with caution.

Source: Australian Bureau of Statistics (ABS) 2002, *National Health Survey 2001: Summary of Results, Australia*.

## 1.06 Potentially avoidable deaths

Table A1.06(a): Primary, secondary and tertiary potentially avoidable mortality and 'unavoidable' mortality rates, 1980–2001, Australia

	Males						Females					
	Avoidable deaths per 100,000					Unavoidable deaths per 100,000	Avoidable deaths per 100,000					Unavoidable deaths per 100,000
	All avoidable deaths	Primary	Secondary	Tertiary	All causes		All avoidable deaths	Primary	Secondary	Tertiary	All causes	
1980	509.8	279.5	120.0	110.3	670.8	161.0	239.3	106.1	72.2	61.0	333.0	93.6
1981	497.6	274.5	115.8	107.3	656.9	153.5	233.3	103.9	69.9	59.5	325.3	90.2
1982	495.0	273.9	114.8	106.2	641.4	156.4	235.2	105.6	69.7	59.9	318.3	94.8
1983	456.9	253.5	106.2	97.2	628.8	149.9	226.2	102.2	66.2	57.8	312.8	91.2
1984	435.7	242.4	101.8	91.5	616.7	146.8	214.4	97.0	62.7	54.7	307.5	91.0
1985	443.9	249.2	101.5	93.2	605.1	152.5	221.9	100.0	65.4	56.6	302.8	93.9
1986	415.5	232.7	95.6	87.3	592.0	149.0	214.2	97.3	62.5	54.4	297.6	89.1
1987	409.9	231.6	93.6	84.8	580.1	146.5	202.8	91.7	59.5	51.6	292.6	87.8
1988	401.2	226.7	90.7	83.8	570.9	150.2	202.4	93.2	57.8	51.4	288.3	87.9
1989	390.9	221.4	88.9	80.6	561.7	150.8	200.0	92.2	57.2	50.6	284.5	87.9
1990	363.9	205.8	83.5	74.5	551.6	150.7	188.3	87.0	53.8	47.5	280.3	86.3
1991	344.7	196.5	78.5	69.6	539.5	144.8	180.7	83.0	52.0	45.7	275.0	84.8
1992	338.8	194.1	76.7	68.1	528.0	147.4	176.7	82.0	49.8	44.9	270.1	85.2
1993	320.8	182.7	73.6	64.6	517.4	143.3	169.3	78.0	48.8	42.5	265.5	80.9
1994	315.0	179.5	72.4	63.1	506.2	145.1	164.8	76.4	47.0	41.4	260.4	82.3
1995	302.8	173.1	69.4	60.3	497.8	140.7	161.4	75.4	45.6	40.3	256.8	79.2
1996	299.8	173.1	67.8	58.9	489.7	135.8	156.3	73.6	44.1	38.6	253.3	78.6
1997	278.7	161.1	63.2	54.4	481.2	143.7	147.8	70.5	41.0	36.4	250.2	86.2

(continued)

**Table A1.06(a) (continued): Primary, secondary and tertiary potentially avoidable mortality and 'unavoidable' mortality rates, 1980–2001, Australia**

	Males						Females					
	Avoidable deaths per 100,000					Unavoidable deaths per 100,000	Avoidable deaths per 100,000					Unavoidable deaths per 100,000
	All avoidable deaths	Primary	Secondary	Tertiary	All causes		All avoidable deaths	Primary	Secondary	Tertiary	All causes	
1998	266.9	155.1	59.1	52.7	473.6	138.8	138.2	65.7	38.3	34.2	247.3	83.7
1999	257.8	149.5	56.5	51.9	466.2	136.0	133.5	64.3	35.8	33.4	244.5	81.8
2000	240.3	138.6	53.6	48.1	458.6	132.7	130.4	62.7	35.5	32.3	241.4	80.0
2001	231.3	134.4	51.4	45.6	446.5	126.1	124.4	60.1	33.5	30.8	235.0	77.7

*Notes*

1. Rates are per 100,000 population and are age-standardised to the June 2001 Australian population.
2. Methods used derive from the following publications: New Zealand Ministry of Health (1999), NSW Department of Health (2002). Available at <[http://www.health.nsw.gov.au/public-health/chorep/toc/pre\\_foreword.htm](http://www.health.nsw.gov.au/public-health/chorep/toc/pre_foreword.htm)>. Accessed April 2003.

Source: AIHW (unpub.).

**Table A1.06(b): Potentially avoidable mortality rates by SEIFA (Socio-Economic Indexes for Areas) quintile, 2001, Australia**

	Males	Females
Lowest quintile (most advantaged)	265.7	162.0
Quintile 2	324.0	189.1
Quintile 3	372.5	208.7
Quintile 4	383.2	209.7
Highest quintile (most disadvantaged)	426.1	238.2

*Notes*

1. Rates are per 100,000 population and are age-standardised to the June 2001 Australian population.
2. Methods used derive from the following publications: New Zealand Ministry of Health 1999, *Our Health, Our Future: The Health of New Zealanders 1999*. NSW Department of Health 2002, *The Health of the People of NSW—Report of the Chief Health Officer*, available at: <[http://www.health.nsw.gov.au/public-health/chorep/toc/pre\\_foreword.htm](http://www.health.nsw.gov.au/public-health/chorep/toc/pre_foreword.htm)>. Accessed (April 2003).

Source: AIHW (unpub.).

## 1.07 Infant mortality

**Table A1.07(a): Infant mortality rates per 1,000 live births, Australia, 1966–2001**

	<b>Males</b>	<b>Females</b>	<b>Persons</b>
1966	20.3	15.9	18.2
1971	19	15.5	17.3
1976	15.1	12.4	13.8
1981	11.2	8.7	10
1986	10	7.7	8.8
1991	7.9	6.3	7.1
1995	6.1	5.1	5.7
1996	6.5	5	5.8
1997	5.8	4.9	5.3
1998	5.5	4.5	5
1999	6.4	4.9	5.7
2000	5.7	4.7	5.2
2001	5.9	4.6	5.3

Sources: Australian Bureau of Statistics (ABS) 2002, *Deaths Australia 2001*. ABS 1994, *Deaths Australia 1993*.

**Table A1.07(b): Infant mortality rates per 1,000 live births, by Aboriginal and Torres Strait Islander status, for Western Australia, South Australia and the Northern Territory, 1996–1998 to 1999–2001**

	<b>1996–1998</b>	<b>1997–1999</b>	<b>1998–2000</b>	<b>1999–2001</b>
Aboriginal and Torres Strait Islander people	18.6	16.9	17.0	16.0
All people—WA, SA & NT	5.6	5.2	5.0	5.1

**Table A1.07(c): Infant mortality rates per 1,000 live births, by Aboriginal and Torres Strait Islander status, for Queensland, Western Australia, South Australia and the Northern Territory, 1996–1998 to 1999–2001**

	<b>1996–1998</b>	<b>1997–1999</b>	<b>1998–2000</b>	<b>1999–2001</b>
Aboriginal and Torres Strait Islander people	17.3	15.5	14.9	14.2
All people—Qld, WA, SA & NT	5.8	5.6	5.6	5.6

### Notes

1. Only Western Australia, South Australia and the Northern Territory have been included in the indicator (Table A1.07(b)) as it is only for these states and this territory that there are reasonably reliable data over the whole period. Queensland data are reliable from 1998 on. Even for these states with reasonably reliable data, the trend over time in mortality rates must be interpreted cautiously, as identification of Aboriginal and Torres Strait Islander people is inconsistent and numbers are small. This results in difficulties in separating trends caused by changes in mortality with trends caused by data quality problems.
2. The infant mortality rate for the Aboriginal and Torres Strait Islander population for Queensland, Western Australia, South Australia and the Northern Territory in 1999–2001 was 14.2 deaths per 1,000 live births compared with the 16.0 deaths per 1,000 live births for WA, SA and the NT.
3. The table excludes infants for whom Aboriginal and Torres Strait Islander status was unknown or missing (4 deaths in 1999, 8 deaths in 2000 and 15 deaths in 2001).
4. Deaths are by year of registration.

Sources: AIHW National Mortality Database. Australian Bureau of Statistics (ABS) 2002, *Births Australia 2001*.

# 1.08 Mortality for National Health Priority Area diseases and conditions

Table A1.08: Death rates for National Health Priority Areas diseases, conditions and injuries, by sex, Australia, 1980–2001, by year of registration of death

Males	Coronary heart disease	NHPA cancers	Injury	Suicide	Accidental falls	Accidental poisoning	Motor vehicle crashes	Accidental drownings	Lung cancer	Colorectal cancer	Prostate cancer	Melanoma	All NHPA deaths	All deaths
1980	409.4	159.43	90.36	18.12	6.1	2.2	35.2	3.7	79.4	34.9	33.2	5.9	829.1	1338.7
1981	408.1	161.95	87.22	18.73	5.8	2.1	33.9	3.5	78.9	37.3	33.8	6.1	826.6	1318.5
1982	406.3	163.11	89.21	18.95	6.7	1.8	33.4	3.4	79.6	36.9	34.2	6.4	824.4	1341.6
1983	380.8	162.26	79.99	18.59	6.1	2.1	27.0	3.4	76.5	38.0	34.7	6.1	772.3	1245.8
1984	364.2	155.23	74.82	18.06	5.4	2.0	25.8	2.8	75.3	35.2	32.3	6.1	739.7	1205.7
1985	372.8	163.83	78.30	19.07	4.6	1.9	26.5	2.9	77.2	37.9	35.7	6.8	761.3	1257.3
1986	347.4	160.41	76.67	20.25	5.1	1.7	27.2	2.6	73.5	37.0	35.7	6.7	719.5	1168.6
1987	337.8	161.76	79.39	23.30	5.6	2.0	25.2	2.9	73.0	37.3	36.6	8.1	714.0	1167.0
1988	323.5	164.96	80.87	21.91	5.7	2.7	26.8	2.8	74.3	37.3	37.9	7.4	698.6	1160.0
1989	326.8	165.01	76.16	20.55	4.7	2.1	24.1	3.0	72.9	36.4	39.3	7.4	695.8	1171.9
1990	300.8	160.14	73.46	21.00	4.3	2.7	21.2	2.6	68.5	35.2	39.9	7.6	653.2	1095.0
1991	285.1	157.70	69.35	22.15	4.3	2.6	18.8	2.4	67.9	34.8	38.6	7.5	628.7	1055.9
1992	284.0	161.51	66.41	21.33	3.9	3.0	16.8	2.4	67.4	35.0	41.8	7.6	625.2	1062.9
1993	264.0	161.68	63.56	19.63	3.6	3.1	16.4	2.5	64.8	35.2	43.8	8.0	601.0	1020.4
1994	262.0	164.32	63.61	21.03	3.6	2.8	16.2	2.3	67.1	35.7	43.3	8.3	608.5	1034.3
1995	248.1	156.44	63.33	21.13	3.6	3.3	16.2	2.0	63.9	33.9	41.4	8.1	577.5	983.1
1996	240.3	155.49	65.39	21.51	3.9	3.6	16.1	2.1	63.4	33.9	41.5	7.8	571.5	985.6
1997	228.7	150.47	61.52	23.54	3.5	3.3	14.3	2.3	58.8	33.2	36.8	7.2	544.3	948.2
1998	213.8	149.15	64.03	23.12	3.6	6.0	14.1	2.1	59.3	31.8	36.9	7.7	525.7	910.0
1999	201.9	145.18	64.57	21.48	4.0	8.9	14.1	2.1	57.1	31.3	34.9	7.7	507.7	884.9
2000	184.6	143.44	59.80	19.74	3.9	6.2	14.3	1.9	54.7	30.5	35.9	7.4	483.2	853.3
2001	175.7	139.49	58.49	20.28	4.4	4.7	14.2	2.2	53.5	30.6	35.1	7.8	462.6	823.5

<b>Females</b>	<b>Coronary heart disease</b>	<b>NHPA cancers</b>	<b>Stroke</b>	<b>Injury</b>	<b>Suicide</b>	<b>Accidental falls</b>	<b>Accidental poisoning</b>	<b>Motor vehicle crashes</b>	<b>Accidental drownings</b>	<b>Lung cancer</b>	<b>Colorectal cancer</b>	<b>Melanoma</b>	<b>Breast cancer</b>	<b>Cervical cancer</b>	<b>All NHPA deaths</b>	<b>All deaths</b>
1980	207.1	84.37	134.60	38.19	6.13	4.1	1.8	12.8	1.0	14.4	28.6	3.3	28.8	4.8	488.0	794.3
1981	205.8	84.69	131.10	34.68	6.11	3.2	1.5	11.6	1.0	14.0	28.1	3.2	29.5	5.5	479.2	771.5
1982	210.5	86.38	130.36	35.16	6.66	3.9	1.2	11.6	0.8	15.5	27.7	3.2	30.4	5.3	484.7	799.4
1983	199.5	88.00	113.71	31.63	5.86	2.9	1.3	10.1	0.9	16.7	27.6	3.9	30.1	5.0	454.6	747.1
1984	192.2	84.63	110.75	31.02	5.56	3.6	1.6	10.2	0.6	16.2	25.8	3.4	30.4	4.8	441.1	729.8
1985	198.7	90.16	114.49	31.90	5.34	2.6	1.6	10.9	0.8	17.1	28.0	3.8	31.3	5.1	459.6	773.3
1986	191.0	89.79	100.98	31.31	5.96	3.0	1.1	10.7	0.6	18.0	27.7	3.6	30.8	4.8	436.0	719.2
1987	188.0	87.19	98.42	30.36	5.96	3.6	1.3	9.6	0.7	17.0	26.7	3.9	30.6	4.4	427.8	714.2
1988	179.7	88.94	94.44	31.80	5.85	3.2	1.5	11.0	0.8	19.5	25.3	3.8	31.1	4.6	418.1	709.5
1989	183.2	88.32	93.19	30.80	5.36	2.5	1.3	9.9	0.8	19.6	24.2	3.6	31.4	4.6	419.8	723.0
1990	172.0	87.77	88.06	28.68	5.09	2.0	1.5	8.8	0.8	19.3	24.3	3.8	31.0	4.3	399.0	682.3
1991	161.7	88.71	82.36	27.48	6.03	2.2	1.4	7.5	0.7	20.6	23.9	3.7	31.1	4.1	382.8	658.2
1992	166.5	86.58	80.19	26.41	5.45	1.9	1.6	7.6	0.8	20.3	23.3	4.1	29.4	3.8	383.1	667.5
1993	149.8	88.96	79.22	22.81	4.49	1.4	1.4	6.4	0.7	21.0	23.8	3.2	31.1	3.7	363.7	635.2
1994	151.7	88.51	79.07	24.03	4.83	1.6	1.6	6.7	0.4	21.2	23.8	3.2	30.6	3.9	367.4	645.9
1995	140.5	87.70	76.14	25.27	5.50	1.9	1.5	7.2	0.8	21.9	22.6	3.6	29.5	3.8	352.6	622.8
1996	136.0	86.13	73.69	23.13	5.05	1.7	1.4	6.0	0.6	22.1	22.3	3.5	28.7	3.3	342.0	619.6
1997	132.2	86.84	71.77	24.74	6.20	1.8	1.8	6.1	0.7	21.5	22.1	3.5	27.8	3.1	337.3	609.8
1998	122.0	84.04	68.93	24.16	5.63	1.9	2.5	5.5	0.6	20.7	21.6	3.5	26.5	2.7	319.2	578.2
1999	114.8	81.25	66.68	24.24	5.13	1.9	3.3	5.6	0.8	21.4	20.1	3.6	25.4	2.2	307.5	565.9
2000	108.0	82.41	64.52	24.38	5.20	2.3	2.8	5.5	0.5	22.2	20.5	3.5	24.7	2.6	299.7	552.0
2001	102.5	80.35	59.87	22.23	5.25	2.4	2.5	4.8	0.5	22.7	19.5	3.6	24.7	2.5	282.2	535.4

Source: AIHW National Mortality Database (this is a mirror of the Australian Bureau of Statistics mortality database).

## 2.01 Children exposed to tobacco smoke in the home

Table A2.01(a): Smoking status of households with and without dependent children, by Rural, Remote or Metropolitan Area, Australia, 2001

	Metropolitan		Rural		Remote	
	Dependent children		Dependent children		Dependent children	
Household smoking status	Yes	No	Yes	No	Yes	No
	%	%	%	%	%	%
Smokes inside the home	6.2	13.7	8.4	14.3	9.0	20.0
Only smokes outside the home	8.6	13.7	8.4	10.9	10.2	12.7
No-one at home regularly smokes	19.4	38.4	18.6	39.4	18.3	29.9
Total	34.2	65.8	35.4	64.6	37.5	62.5

*Notes*

1. Household smoking status (as reported by respondents aged 14 years and over).
2. Includes households where there are any dependent children under 15.
3. See Appendix 4 for information on RRMA classification.

Source: AIHW National Drug Strategy Household Survey 1995–2001.

**Table A2.01(b): Smoking status of households with dependent children, 1995, 1998 & 2001, Australia**

	1995	1998	2001
		(per cent)	
Households with dependent children under 15 years	34	33	35
Households with dependent children 15 years and over	11	11	10
Households without dependent children	55	56	55
Total households	100	100	100
<b>Households with dependent children under 15 years</b>			
Smokes inside the home	31	23	20
Only smokes outside the home	17	21	25
No-one at home regularly smokes	52	56	55
Total	100	100	100
<b>Households with dependent children 15 years and over</b>			
Smokes inside the home	27	18	19
Only smokes outside the home	21	29	24
No-one at home regularly smokes	52	53	57
Total	100	100	100
<b>Households without dependent children</b>			
Smokes inside the home	33	28	22
Only smokes outside the home	12	16	19
No-one at home regularly smokes	54	56	59
Total	100	100	100

*Note:* Household smoking status (as reported by respondents aged 14 years and over).

*Source:* AIHW National Drug Strategy Household Survey 1995–2001.

## 2.02 Availability of fluoridated water

Table A2.02(a): Access to fluoridated water, 2001–2002, Australia

	Unsatisfactory	Generally unsatisfactory	Generally satisfactory	Satisfactory	Total
Australia	29.1	1.8	—	69.1	100
NSW	9.7	0.5	—	89.8	100
Vic	24.1	0.6	—	75.3	100
Qld	95.3	—	—	4.7	100
WA	8.1	1.8	—	90.1	100
SA	9.8	7.6	—	82.6	100
Tas	5.3	—	—	94.7	100
ACT	—	—	—	100.0	100
NT	15.8	—	75.0	9.2	100

Notes Water supply fluoridation is classified according to NHMRC guidelines.

1. Unsatisfactory—does not meet National Health and Medical Research Council (NH&MRC) Guidelines—water supply has less than 0.3 parts per million (ppm) fluoride.
2. Generally unsatisfactory—partly meets National Health and Medical Research Council (NH&MRC) Guidelines—water supply has between 0.3 and 0.7 ppm fluoride.
3. Generally satisfactory—partly meets National Health and Medical Research Council (NH&MRC) Guidelines—water supply has between 0.3 and 0.7 ppm fluoride, but because of local climatic conditions ie high temperatures in the Northern Territory, 0.3 to 0.7 ppm is generally satisfactory.
4. Satisfactory—meets National Health and Medical Research Council (NH&MRC) Guidelines—water supply has greater than 0.7 ppm fluoride.

Source: AIHW Dental Statistics Research Unit (unpub.).

Table A2.02(b): Caries experience of 6 year olds and 12 year olds Australia

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
6 year olds	3.2	3.2	3.2	2.9	2.7	2.6	2.4	2.2	2.1	2.0	1.9	1.8
12 year olds	4.8	4.5	3.9	3.6	3.2	3.0	2.6	2.4	2.1	2.0	1.8	1.6
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
6 year olds	2.2	2.1	2.0	2.1	2.0	2.0	1.8	1.5	1.5	1.5	1.5	
12 year olds	1.6	1.4	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	

Source: AIHW Dental Statistics Research Unit (unpub.).

## 2.03 Income inequality

Table A2.03(a): Household income for household income percentiles, by location, Australia, 1996 and 1999

Equivalised after tax household income													Mean
<b>1996</b>	<b>P10</b>	<b>P20</b>	<b>P30</b>	<b>P40</b>	<b>P50</b>	<b>P60</b>	<b>P70</b>	<b>P80</b>	<b>P90</b>	<b>P25</b>	<b>P50</b>	<b>P75</b>	<b>H'hold</b>
Major cities	389	469	567	675	775	881	1,021	1,186	1,448	519	775	1,100	858
Inner regional	367	417	489	553	620	703	812	972	1,182	452	620	892	706
Outer regional	338	408	463	537	656	740	861	1,026	1,285	433	656	923	764
Australia <sup>(6)</sup>	377	445	529	624	721	825	956	1,125	1,376	487	721	1,035	814
<b>1999</b>	<b>P10</b>	<b>P20</b>	<b>P30</b>	<b>P40</b>	<b>P50</b>	<b>P60</b>	<b>P70</b>	<b>P80</b>	<b>P90</b>	<b>P25</b>	<b>P50</b>	<b>P75</b>	<b>H'hold</b>
Major cities	409	507	610	741	866	1,000	1,139	1,333	1,648	561	866	1,238	972
Inner regional	389	452	529	618	714	826	965	1,107	1,344	495	714	1,022	807
Outer regional	377	442	508	596	721	816	940	1,107	1,330	472	721	1,029	787
Australia <sup>(6)</sup>	397	482	580	690	810	934	1,079	1,268	1,550	528	810	1,157	915

**Table A2.03(b): Ratio of incomes for households at the 80th percentile over incomes for households at the 20th percentile, Australia**

	Unit	1994–95	1995–96	1996–97	1997–98	1999–00	2000–01
Equivalised disposable weekly income at top of 20th percentile in 2000–01 dollars	\$	225	224	233	235	241	245
Equivalised disposable weekly income at top of 80th percentile in 2000–01 dollars	\$	576	578	591	602	636	644
P80/P20	Ratio	2.56	2.58	2.54	2.56	2.64	2.63
Gini coefficient	Ratio	0.302	0.296	0.292	0.303	0.310	0.311

*Notes*

1. Figures are person weighted, not household weighted.
2. Ratios are based on financial years ending June, 1995 to 2001.
3. The OECD equivalence scales were used to equalise the after-tax household income—the numerator = the after-tax household income; the denominator = 1.0 (for the first adult in the household) plus 0.5 for each additional adult and 0.3 for each child.
4. Disposable income is gross income after income tax is deducted. Equivalised disposable income is the disposable income of households adjusted for the different income needs of households of different size and composition. The dollar amounts do not accord with the amounts household actually receive, but are the amounts they would have received if they all comprised two adults and two children aged less than 15 years (Australian Bureau of Statistics (ABS) 2003b, *Household income and income distribution 2000–01*). Adjusted for changes in the Consumer Price Index.
5. The 20th percentile is used in the income distribution ratio rather than the 10th decile, as income data for the bottom decile are considered unreliable.
6. Figures for Australia include some remote areas, but most remote and sparsely settled areas are not in the sampling frame for the Income and Housing Costs Surveys.

*Sources:* Australian Bureau of Statistics (ABS) 2003b, *Household Income and Income Distribution 2000–01*. ABS, Income and Housing Costs Surveys 1996 and 1999 (6541.0.15.001).

## 2.04 Informal care

Table A2.04: People living in households: carer status by age by sex ('000), Australia, 1998

	Age groups						Total	Per cent of population (%)
	0-14	15-29	30-44	45-64	65-74	75+		
(number: '000s)								
<b>Males</b>								
Primary carer	**1.2	6.1	28.3	61.8	17.6	18.5	133.5	1.4
Carer, not primary	51.9	175.7	195.1	288.4	114.6	62.7	888.4	9.6
Total carer	53.1	181.8	223.4	350.2	132.2	81.2	1,021.9	11.1
Not a carer	1,946.8	1923	1,909.5	1,689.6	472.4	257.3	8,198.6	88.9
Total	1,999.9	2,104.8	2,132.8	2,039.7	604.6	338.6	9,220.5	100.0
<b>Females</b>								
Primary carer	**1.5	22.5	101.1	132	44.0	16.2	317.3	3.4
Carer, not primary	50.5	196	267.7	348.1	88.4	37.8	988.4	10.7
Total carer	52	218.5	368.8	480	132.4	54.0	1,305.8	14.1
Not a carer	1,852.8	1,817.3	1,784.9	1,516.5	529.9	442.3	7,943.7	85.9
Total	1,904.8	2,035.8	2,153.7	1,996.5	662.3	496.3	9,249.5	100.0
<b>Persons</b>								
Primary carer	**2.8	28.6	129.4	193.7	61.7	34.7	450.9	2.4
Carer, not primary	102.4	371.7	462.8	636.4	203.0	100.5	1,876.8	10.2
Total carer	105.1	400.3	592.2	830.2	264.6	135.2	2,327.7	12.6
Not a carer	3,799.6	3,740.4	3,694.4	3,206	1,002.3	699.6	16,142.3	87.4
<b>Total</b>	<b>3,904.7</b>	<b>4,140.7</b>	<b>4,286.5</b>	<b>4,036.2</b>	<b>1,266.9</b>	<b>834.9</b>	<b>18,469.9</b>	<b>100.0</b>

### Notes

1. Estimates marked with \*\* have an associated relative standard error (RSE) of 50% or more.
2. A carer is a person who provides any informal assistance, in terms of help or supervision, to persons with disabilities or long-term conditions, or persons who are elderly. Primary carers are persons who provide the most informal assistance, in terms of help or supervision, to a person with one or more disabilities.

Source: Australian Bureau of Statistics (ABS) 1999, *Survey of Disability, Ageing and Carers, 1998*.

## 2.05 Adult smoking

**Table A2.05(a): Daily smokers by sex, people aged 14 years and over, Australia, by year, 1985 to 2001**

	1985	1988	1991	1993	1995	1998	2001
	(per cent)						
Males	32.7	31.2	25.7	27.7	25.9	24.2	21.1
Females	26.1	29.8	22.3	20.6	21.8	19.6	18.0
<b>Total</b>	<b>29.4</b>	<b>30.5</b>	<b>24.0</b>	<b>24.2</b>	<b>23.8</b>	<b>21.8</b>	<b>19.5</b>

*Note:* Daily smoking means smoking at least once per day. Data are not age-standardised.

*Sources:* Social Issues in Australia Survey 1985; National Campaign Against Drug Abuse Social Issues Survey 1988; National Campaign Against Drug Abuse Household Survey 1991, 1993; National Drug Strategy Household Survey 1995, 1998, 2001.

**Table A2.05(b): Daily smokers by Aboriginal and Torres Strait Islander status and age group, aged 18 years and over, Australia, 2001**

	18–24	25–34	35–44	45–54	55 and over
	(per cent)				
Indigenous males	52	51	57	51	46
Indigenous females	54	46	61	41	38
Non-Indigenous males	30	33	30	23	15
Non-Indigenous females	25	25	23	19	10

*Notes*

1. Includes current regular (daily) smokers.
2. Age-standardised percentages.

*Source:* Australian Bureau of Statistics (ABS) 2002, *National Health Survey: Aboriginal and Torres Strait Islander results, Australia 2001*.

## 2.06 Risky alcohol consumption

**Table A2.06(a): Risky or high risk consumption of alcohol by age, Australia, 1989–90, 1995, 2001**

	18–24	25–34	35–44	45–54	55–64	65–74	75 and over	Total
1989–90	13.8	12.3	11.2	12.1	10.3	7.3	2.3	10.8
1995	9.3	9.1	8.2	9.5	7.2	7.2	3.3	8.2
2001	11.3	10.7	12	12.4	11.8	8	4.6	10.8

*Note:* Age-standardised percentages.

*Source:* Australian Bureau of Statistics (ABS) 2002, *National Health Survey 2001: Summary of Results, Australia*.

**Table A2.06(b): Risky or high risk consumption of alcohol by sex, Australia, 1989–90, 1995, 2001**

	Males	Females
1989–90	14.2	7.4
1995	10.3	6.1
2001	13.2	8.5

*Note:* Age-standardised percentages.

*Source:* Australian Bureau of Statistics (ABS) 2002, *National Health Survey 2001: Summary of Results, Australia*.

## 2.07 Fruit and vegetable intake

**Table A2.07: Usual daily intake of fruit and vegetables, by age, 2001**

		12–14	15–24	25–34	35–44	45–54	55–64	65–74	75+
Males	4 or more serves of vegetables	22.2	21.1	21.8	24.7	29.6	32	34.5	36.1
Females	4 or more serves of vegetables	24.2	23.2	27.6	33.3	36.8	42.7	40	38.6
Males	2 or more serves of fruit	56.7	42.1	40	43.1	46.6	53.1	60.4	83.1
Females	2 or more serves of fruit	54.8	50.6	50.6	53.3	60.8	70.7	69.1	68.4
Males	4 or more serves of vegetables and 2 or more serves of fruit	14.1	12.4	12.3	14.0	16.9	20.0	23.7	24.9
Females	4 or more serves of vegetables and 2 or more serves of fruit	15.8	14.2	18.2	21.0	27.1	33.3	30.8	29.2

*Notes*

1. People aged 12 years and over.
2. A serve is ½ cup (75g) cooked vegetables, 1 cup salad vegetables, 1 small potato, 1 medium piece (150g) of fruit or ½ cup fruit juice.

*Source:* AIHW analysis of Australian Bureau of Statistics (ABS) 2001 National Health Survey.

## 2.08 Physical inactivity

Table A2.08(a) & (b): Percentage of people (18–75 years) insufficiently physically active to achieve a health benefit

	1997	1999	2000
<b>Sex (age-standardised percentages)</b>			
Men	48.7	53.6	53.7
Women	49.9	56.8	54.8
Total sample	49.4	55.3	54.2
<b>Age group (years) (age specific percentages)</b>			
18–29	37.1	43.7	42.2
30–44	48.4	58.8	58.1
45–59	56.9	59.8	58.7
60–75	57.3	56.4	56.4
18–75	49.0	55.0	53.9
<b>Education level (crude percentages)</b>			
Less than 12 years schooling	43.9	38.6	38.9
Completed 12 years schooling	51.4	47.0	48.5
Tertiary qualifications	61.2	52.3	52.5

*Notes*

1. Age-standardised to the June 2001 Australian population.
2. Sufficient time and sessions is defined as 150 minutes (using the sum of walking, moderate activity and vigorous activity (where vigorous activity is weighted by two)) and five sessions of activity per week.

Source: AIHW: Armstrong et al. 2000, *Physical Activity Patterns of Australian Adults*; and AIHW analysis of the 1997, 1999 and 2000 national Physical Activity Surveys.

## 2.09 Overweight and obesity

**Table A2.09(a): Overweight and obesity, by age and Aboriginal and Torres Strait Islander status, non-sparsely settled areas, Australia, 1995 and 2001**

	1995		2001	
	Aboriginal and Torres Strait Islander people	Non-Indigenous Australians	Aboriginal and Torres Strait Islander people	Non-Indigenous Australians
Overweight (not obese)	32	32	32	34
Obese	24	12	31	16
Overweight or obese	56	44	63	50

*Notes*

1. These proportions are age-standardised.
2. Includes only people living in non-sparsely settled areas, aged 18 years and over.
3. Based on self-reported height and weight.
4. Overweight is defined as body mass index (BMI)  $\geq 25 < 30$ , and obese is defined as BMI  $\geq 30$ . See Technical notes for further information.
5. Proportions are calculated excluding data where BMI is unknown. Height and weight information could not be obtained for approximately 20% of Aboriginal and Torres Strait Islander people, and for 8% of non-Indigenous Australians.

Sources: Australian Bureau of Statistics (ABS) 2002, *National Health Survey: Aboriginal and Torres Strait Islander Results, Australia 2001*.

**Table A2.09(b): Overweight and obesity, by sex and age, non-sparsely settled areas, Australia, 2001**

	Males		Females	
	Overweight	Obese	Overweight	Obese
18–24	28.0	8.5	14.4	8.1
25–34	39.5	12.7	19.8	14.7
35–44	43.2	18.8	23.3	15.9
45–54	46.6	20.0	28.3	21.0
55–64	49.3	18.8	34.8	24.0
65–74	47.5	15.4	35.2	22.0
75 and over	39.1	9.9	28.6	12.6

*Notes*

1. These proportions are age-standardised.
2. Includes only people living in non-sparsely settled areas, aged 18 years and over.
3. Based on self-reported height and weight.
4. Overweight is defined as body mass index (BMI)  $\geq 25 < 30$ , and obese is defined as BMI  $\geq 30$ . See Technical notes for further information.
5. Proportions are calculated excluding data where BMI is unknown. Height and weight information could not be obtained for approximately 20% of Aboriginal and Torres Strait Islander people, and for 8% of non-Indigenous Australians.

Sources: Australian Bureau of Statistics (ABS) 2002, *National Health Survey 2001: Summary of Results, Australia*.

## 2.10 Low birthweight babies

**Table A2.10: Low birthweight babies by Aboriginal and Torres Strait Islander status of mother, Australia, 1995–1999**

	Babies with Aboriginal and Torres Strait Islander mothers	Babies with Non-Indigenous mothers	Both	Total babies born
	(%)	(%)	(%)	(number)
1995	10.9	4.9	5.1	252,810
1996	11.5	4.9	5.1	249,405
1997	12.2	4.9	5.2	249,496
1998	10.8	5.1	5.2	247,650
1999	11.6	5.0	5.2	249,420

*Notes*

1. Low birth weight babies are those weighing <2500g.
2. Multiple births excluded.
3. Data not available for Tasmania 1999, data from 1998 used as a proxy for 1999.

Source: AIHW National Perinatal Data Collection 2003.

## 2.11 High blood pressure

**Table A2.11(a): Proportion of people with high blood pressure, by sex, Australia, 1980 to 1999–2000**

	1980	1983	1989	1995	1999–2000
Males	46.7	36.0	33.5	27.0	21.3
Females	31.7	25.0	22.8	17.6	16.4

*Notes*

1. Age-standardised to the June 2001 Australian population.
2. Includes only people living in capital cities or urban areas, aged 25–64.
3. High blood pressure is defined as  $\geq 140$  mmHg systolic pressure and/or  $\geq 90$  mmHg diastolic pressure as measured in the surveys, and/or receiving medication for high blood pressure.

Source: AIHW analysis of 1980, 1983, 1989 Risk Factor Prevalence Studies, 1995 National Nutrition Survey, 1999–2000 Australian Diabetes, Obesity and Lifestyle Study.

**Table A2.11(b): Percentage of persons reporting hypertension, by age group and Aboriginal and Torres Strait Islander status, Australia, 2001**

	25–34	35–44	45–54	55+
Aboriginal and Torres Strait Islander people	*5	10	25	37
Non-Indigenous Australians	1	4	14	34

*Notes*

1. Estimate has a relative standard error of between 25%–50% and should be used with caution. Data are subject to sampling variability too high for most practical purposes.
2. Data is self-report of the condition of hypertension. This underestimates true hypertension.
3. Includes only people living in private dwellings. Non-Indigenous data excludes sparsely-settled areas.
4. Age-standardised to the 2001 Australian population.

Source: Australian Bureau of Statistics 2002, *National Health Survey: Aboriginal and Torres Strait Islander Results, Australia 2001*.

## 3.01 Unsafe sharing of needles

**Table A3.01: Injecting drug users reporting sharing of a needle and syringe in the preceding month, Australia, 1997–2001**

	1997	1998	1999	2000	2001
	(per cent)				
Males	15	16	21	15	14
Females	19	21	23	22	14
Persons	17	18	22	17	14

Note: There were 2,342 injecting drug users participating in surveys carried out by needle and syringe programs in 2001.

Source: National Centre in HIV Epidemiology and Clinical Research 2002, *HIV/AIDS, Viral Hepatitis and Sexually Transmissible Infections in Australia Annual Surveillance Report 2002*.

## 3.02 Teenage purchase of cigarettes

**Table A3.02: Current teenage smokers who personally purchased their most recent cigarette, by year, Australia, 1987–1999**

	1987	1990	1993	1996	1999
	(per cent)				
12–15 years old	52	46	39	29	21
16–17 years old	64	66	61	52	48
(12–15) 95%CI	2.70	2.40	2.00	2.00	2.00
(16–17) 95%CI	3.00	2.50	2.80	3.00	4.00

CI = Confidence Interval

Source: Hill et al. 2002. *Changes in the Use of Tobacco Among Australian Secondary Students: Results of the 1999 Prevalence Study and Comparison with Earlier Years*. Australian and New Zealand Journal of Public Health 26(2):156–163.

## 3.03 Cervical screening

**Table A3.03(a): Screening for cervical abnormalities, women aged 20–69 years, Australia, 1996–97 to 2000–01 (per cent)**

	1996–97	1997–98	1998–99	1999–00	2000–01
Standardised to 2001 population	62.9	64.5	65.5	63.3	62.7
Standardised to 1991 population	62.3	63.9	64.8	62.6	62.0

Notes

1. The denominator of all proportions has been adjusted to remove women who have had a hysterectomy.
2. Age standardised to the June 2001 Australian population.
3. The Queensland screening register began in February 1999. Therefore the data for the periods 1996–1997 to 1998–1999 do not include data from Queensland.

Source: 1996–97 to 1999–00 data from AIHW analysis of National Cervical Screening Program data. 2000–01 data from Steering Committee for the Review of Commonwealth/State Service Provision 2002, *Report on Government Services 2002*.

**Table A3.03(b): Participation in the National Cervical Screening Program by women aged 20–69 years, by age, Australia, 2000–01 (per cent)**

	1996–97	1997–98	1998–99	1999–00	2000–01
20–24	49.9	50.6	52.0	49.5	49.2
25–29	65.0	65.5	66.0	62.4	61.2
30–34	67.6	69.0	69.7	67.0	65.5
35–39	69.2	70.7	71.4	68.7	67.6
40–44	68.0	69.8	70.9	68.8	68.5
45–49	67.3	69.4	69.9	67.8	67.7
50–54	71.5	72.5	72.8	71.3	70.8
55–59	60.7	62.9	63.9	62.5	62.5
60–64	51.7	54.9	57.4	56.5	56.5
65–69	40.1	43.4	45.2	44.2	45.3
Standardised to the total 2001 Australian population					
20–69	62.9	64.5	65.5	63.3	62.7
Standardised to the total 1991 Australian population					
20–69	62.3	63.9	64.8	62.6	62.0

*Notes*

1. The denominator of all proportions has been adjusted to remove women who have had a hysterectomy.
2. Age standardised to the June 2001 Australian population.
3. The Queensland screening register began in February 1999. Therefore the data for the periods 1996–1997 to 1998–1999 do not include data from Queensland.

Source: Steering Committee for the Review of Commonwealth/State Service Provision 2002, *Report on government services 2002*.

## 3.04 Breast cancer screening

**Table A3.04(a): Participation of women aged 50–69 years in the BreastScreen Australia program, Australia, 1996–97 to 1999–00**

	1996–97	1997–98	1998–99	1999–00
	(per cent)			
Standardised to the total 2001 Australian population	51.5	54.4	56.0	56.4
Standardised to the total 1991 Australian population	51.4	54.3	56.0	56.5

Note: Each year is statistically significantly different from all other years listed in this table.

Sources: AIHW 1998, Breast and cervical cancer screening in Australia 1996–97; AIHW 2000, *BreastScreen Australia achievement report 1997–1998*.

**Table A3.04(b): Participation rates in the BreastScreen Australia program for women aged 50–69 years, by Metropolitan, Rural/Remote, NESB Status and Aboriginal and Torres Strait Islander status, 2000–2001**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT
	(per cent)							
Metropolitan	51.8	na	57.3	55.8	63.5	na	57.4	na
Rural and remote	59.5	na	62.5	65.1	67.7	na	na	na
LOTE	42.7	na	67.8	62.8	54.1	na	57.4	na
Total	52.5	na	58.7	57.5	64.6	60.2	57.4	na
Aboriginal and Torres Strait Islander women	32.8	na	48.6	37.0	44.4	na	37.0	na
Total	52.5	na	58.7	57.5	64.6	60.2	57.4	na

*Notes*

1. Age-standardised to the June 2001 Australian population
2. Data were not available for Victoria, the Northern Territory or Tasmania as that was not disaggregated into categories. Therefore a national rate is not available.
3. See footnotes in source for further details.

Source: Steering Committee for the Review of Commonwealth/State Service Provision 2002, *Report on Government Services 2002*.

**Table A3.04(c): Participation of women aged 50–69 years in BreastScreen Australia, by jurisdiction, Australia, 1996–1997 to 1999–2000**

Period	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
	(per cent)								
Standardised to the total 2001 Australian population									
1996–1997	51.7	54.7	43.0	52.8	56.5	53.4	57.2	41.1	51.5
1997–1998	52.6	55.7	52.8	54.7	59.6	58.4	59.0	49.6	54.4
1998–1999	53.6	57.1	56.5	53.5	62.5	59.4	60.5	48.3	56.0
1999–2000	53.1	58.0	58.0	53.3	64.1	60.0	60.4	48.6	56.4
Standardised to the total 1991 Australian population									
1996–1997	51.6	54.4	42.9	52.6	56.4	53.1	57.1	40.4	51.4
1997–1998	52.6	55.4	52.7	54.6	59.5	58.2	58.9	48.6	54.3
1998–1999	53.8	56.8	56.5	53.7	62.4	59.2	60.6	47.7	56.0
1999–2000	53.3	57.8	58.1	53.6	64.0	59.9	60.4	47.9	56.5

Sources: AIHW 1998, *Breast and cervical cancer screening in Australia 1996–97*. AIHW 2000, *BreastScreen Australia Achievement Report 1997–1998*.

## 3.05 Childhood immunisation

Table 3.05(a): Childhood immunisation at 12 months, 24 months and 6 years, Australia, March 1997 to September 2002

	Mar-97	Jun-97	Sep-97	Dec-97	Mar-98	Jun-98	Sep-98	Dec-98	Mar-99	Jun-99	Sep-99	Dec-99
	%	%	%	%	%	%	%	%	%	%	%	%
12 months	74.9	75.9	76.7	78.6	80.2	84.3	84.5	84.9	86.1	86.5	87.0	88.1
24 months					63.8	66.1	68.8	70.3	73.5	75.9	74.9	76.7
6 years												
	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01	Jun-01	Sep-01	Dec-01	Mar-02	Jun-02	Sep-02	
	%	%	%	%	%	%	%	%	%	%	%	
12 months	88.4	89.0	91.3	91.2	91.5	91.2	90.4	90.5	90.2	91.2	91.7	
24 months	81.7	83.4	85.1	84.8	86.6	87.0	88.0	87.8	88.1	88.8	89.4	
6 years									80.6	81.4	82.2	

Note: Assessment date is 12 months after end of 3-month birth cohort.

Source: National Centre for Immunisation Research and Surveillance of Vaccine Preventable Diseases 2002, *Vaccine Preventable Diseases and Vaccination Coverage in Australia, 1999–2000: Supplement*.

**Table A3.05(b): Childhood immunisation at 12 months and 24 months, by jurisdiction, September 2002**

	Fully vaccinated by 12 months	Fully vaccinated by 24 months
	%	%
NSW	91.4	88.5
Vic	92.4	90.2
Qld	91.8	90.3
WA	89.9	88.7
SA	93.2	89.5
Tas	93.0	92.4
ACT	91.0	87.4
NT	90.4	85.0
Australia	91.7	89.4

*Note:* Assessment date is 12 months after end of 3-month birth cohort.

*Source:* National Centre for Immunisation Research and Surveillance of Vaccine Preventable Diseases (2002).

### 3.06 Influenza vaccinations

**Table A3.06: Influenza vaccination of adults aged 65 years and over, by age and sex, Australia, 2002\***

	Age group (years)						Total 65+
	65–69	70–74	75–79	80–84	85–89	90+	
	(per cent)						
Males	67	81	79	83	78	80	76
Females	69	81	85	79	78	67	78
Persons	68	81	83	81	78	71	77

\* Data 2002 winter only.

*Source:* AIHW 2003a, 2002 Influenza Vaccine Survey, April 2003.

## 3.07 Potentially preventable hospitalisations

**Table A3.07: Separation rates<sup>1</sup> for potentially preventable hospitalisations by broad categories<sup>2</sup> by Remoteness Area of usual residence, Australia<sup>3</sup>, 2001–02**

	Remoteness Area of usual residence					Australia
	Major cities	Inner regional	Outer regional	Remote	Very remote	
Vaccine preventable	0.73	0.92	1.12	1.98	3.27	0.84
Chronic	15.68	19.88	23.54	28.81	40.31	17.39
Acute	11.31	14.14	16.99	22.21	31.31	12.60
<b>Total</b>	<b>27.40</b>	<b>34.56</b>	<b>41.19</b>	<b>52.27</b>	<b>73.65</b>	<b>30.48</b>

*Notes*

1. Rates per 1,000 population were age-standardised to the June 2001 Australian population.
2. As patients can have more than one individual condition within a category, the sum of the individual conditions will not necessarily equal the total for the broad category.
3. Total for Australia excludes 'Unknown' state of residence and non-Australian residents. See map in Appendix 4 for Remoteness categories.

Source: AIHW (unpub.).

**Table A3.07(a): Separation rates<sup>1</sup> for potentially preventable hospitalisations by broad categories<sup>2</sup> Australia<sup>3</sup>**

	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–00	2000–01	2001–02
Vaccine preventable	1.96	1.95	1.06	1.11	1.19	2.56	0.96	0.79	0.84
Chronic	15.14	14.72	13.81	14.35	13.40	14.14	13.40	17.39	17.39
Chronic (excludes diabetes)	12.84	12.48	11.80	12.13	11.00	11.61	11.03	11.29	10.83
Acute	12.66	12.76	11.66	11.17	11.11	11.69	11.94	12.54	12.60
<b>Total</b>	<b>29.40</b>	<b>29.06</b>	<b>26.27</b>	<b>26.38</b>	<b>25.46</b>	<b>28.01</b>	<b>26.06</b>	<b>30.37</b>	<b>30.48</b>
<b>Total (excludes diabetes)</b>	<b>27.32</b>	<b>27.04</b>	<b>24.44</b>	<b>24.33</b>	<b>23.21</b>	<b>25.65</b>	<b>23.84</b>	<b>24.55</b>	<b>24.37</b>

*Notes*

1. Rates per 1,000 population were age-standardised to the June 2001 Australian population.
2. As patients can have more than one individual condition within a category, the sum of the individual conditions will not necessarily equal the total for the broad category.
3. Total for Australia excludes 'Unknown' state of residence and non-Australian residents. See map in Appendix 4 for Remoteness categories.

Source: AIHW (unpub.).

## 3.08 Survival following acute coronary heart disease event

Table A3.08: Survival following CHD events, 1993–94 to 2000–01

	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–00	2000–01
<b>Per cent of CHD events</b>								
Men	64.7	65.3	66.3	66.7	67.5	67.8	68.9	70.1
Women	64.1	65.4	67.1	67.5	67.0	68.5	69.8	69.9

### Notes

1. Age-standardised to the 2001 Australian population aged 40–90 years.
  2. CHD codes are: ICD-9 codes 410–414 and ICD-10 codes I20–I25; AMI codes are: ICD-9-AM code 410 and ICD-10-AM code I21.
- Sources: AIHW National Hospital Morbidity Database; AIHW National Mortality Database.

## 3.09 Cancer survival

Table A3.09: Five-year relative cancer survival rate following diagnosis, by sex, Australia, 1982–86 to 1992–97

	1982–86	1987–91	1992–97
<b>(per cent)</b>			
<b>Males</b>			
All cancers <sup>(1)</sup>	43.8	48.1	56.8
Colorectal cancer	49.6	53.3	57.7
Melanoma	83.0	87.2	90.0
Cancer of the lung	9.3	10.7	11.0
Prostate cancer	59.3	64.3	82.7
Non-Hodgkin's lymphoma	49.6	51.1	54.6
<b>Females</b>			
All cancers <sup>(1)</sup>	55.3	59.1	63.4
Colorectal cancer	51.6	55.1	59.3
Melanoma	90.9	93.5	94.6
Cancer of the lung	11.8	11.9	14.0
Cancer of the breast (female)	72.3	77.8	84.0
Cancer of the cervix	69.6	72.0	74.6
Non-Hodgkin's lymphoma	49.9	54.6	55.8

### Notes

1. Excludes non-melanoma skin cancer.
2. Age adjustment uses as a standard population the total number of cancer cases diagnosed from 1992–97.

Source: AIHW & Australian Association of Cancer Registries 2001, *Cancer Survival in Australia, 2001*.

## 3.10 Appropriate use of antibiotics

**Table A3.10(a): Prescribing rates<sup>(1)</sup> of antibiotics for URTIs, Australia, 1998–99 to 2001–02<sup>(2)</sup>**

	1998–99	1999–2000	2000–01	2001–02
Antibiotics	42.1	37.3	38.7	33.1
Broad spectrum penicillin	14.8	12.6	13.7	11.5
Cephalosporin	9.5	9	8.9	5.7
Other antibiotics	17.8	15.7	16	15.9

*Notes*

1. Prescribing rates are per 100 encounters.
2. Year refers to the BEACH data year which runs April to March.

Source: AIHW: Britt et al. 2002, *General Practice Activity in Australia 2001–02*:110–111.

**Table A3.10(b): Percentage of antibiotics prescribed for URTIs, by type, Australia, 1999, 2001**

	1999	2001
Amoxycillin	28.7	32.5
Cefaclor	15.8	13.4
Roxithromycin	13.4	11.6
Amoxycillin+clavulanate	11.2	12.5
Phenoxymethylpenicillin	7.6	10.6

Note: Year is calendar year. Amoxycillin, amoxicillin + clavulanate and phenoxymethylpenicillin are narrow spectrum antibiotics.

Source: Analysis of BEACH data published in National Prescribing Service Limited 2003, *Prescribing Practice Review—PPR—for General Practice: PPR 21—Antibiotic Prescribing in General Practice*. Available at <<http://www.nps.org.au>>.

## 3.11 Management of diabetes

**Table A3.11(a): Percentage of persons with diabetes mellitus who completed an annual cycle of care within PIP practices in 2002, by RRMA**

	Capital city	Other metro	Large rural	Small rural	Other rural	Remote centre	Other remote	Australia
Diabetes management indicator	18.1%	19.5%	20.1%	18.8%	17.6%	9.3%	10.4%	18.2%

*Notes*

1. Number of people known to have diabetes is the number of SWPEs in PIP practices who had a glycosylated haemoglobin (HbA1c) test performed in 2001 or 2002.
2. MBS codes: HBA1c test for established diabetes—66551, 66554 and 73840. Completion of annual cycle of care for diabetes management—2517 to 2526 and 2620 to 2635.

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.11(b): Proportion of practices (and their patients) participating in the Practice Incentives Program that have signed on for the Diabetes Initiative, Australia, November 2001 to May 2003**

	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002	Feb 2003	May 2003
Number of practices participating in the PIP	5,273	4,344	4,482	4,525	4,553	4,568	4,593
Percentage of PIP Practices that have signed on for the diabetes initiative	60	78	82	84	85	86	87
Percentage of patient coverage*	67	82	85	88	89	89	90

\* Patient coverage is a proportion of all patients accessing PIP practices.

*Notes*

1. Number of people known to have diabetes is the number of SWPEs in PIP practices who had a glycosylated haemoglobin (HbA1c) test performed in 2001 or 2002.
2. MBS codes: HBA1c test for established diabetes—66551, 66554 and 73840. Completion of annual cycle of care for diabetes management—2517 to 2526 and 2620 to 2635.

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.11(c): Percentage of persons with diabetes mellitus who completed an annual cycle of care within PIP practices in 2002, by state and territory**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Per cent	16.4	18.7	17.3	14.8	17.8	20.3	11.4	5.8	17.0

Source: Health Insurance Commission (unpub.).

**Table A3.11(d): Proportion of registered people with diabetes within General Practice where there has been completion of an annual cycle of care**

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	TOTAL
Completed cycle of care in 2002 (whether or not there was a HBA1C test in 2002)	833	30,436	25,994	15,567	8,683	7,011	2,229	249	91,002
Had had a HBA1C test in 2002 or had completed a cycle of care in 2002 and had a HBA1C test in 2001	7,300	186,088	139,229	89,840	48,894	47,389	10,971	4,304	534,015
Proportion of people known to have diabetes who completed a cycle of care in 2002	11.4%	16.4%	18.7%	17.3%	17.8%	14.8%	20.3%	5.8%	17.0%

Source: Health Insurance Commission (unpub.).

## 3.12 Delivery by caesarean section

**Table A3.12(a): Delivery by caesarean section, by private or public hospital status, Australia, 1995–1999**

	1995	1996	1997	1998	1999
	%	%	%	%	%
All hospitals	21.6	21.7	22.6	23.5	24.5
Public hospitals	17.9	17.9	18.7	20.0	20.7
Private hospitals	29.2	30.1	31.9	32.2	34.5

### Notes

- Multiple births excluded.
- 1995–1997—no hospital accommodation classification for Victoria.
- 1995–1999—no classification for hospital accommodation for the Northern Territory.
- Caesarian includes elective, emergency and unspecified. Cases that did not specify hospital status are excluded.
- Data not available for Tasmania in 1999: data from 1998 used as a proxy for 1999.
- Denominator: confinements where hospital status is public or private (unknown and not stated are excluded).
- Age grouping is 5 year intervals except 40–49.
- Denominator: all confinements of mothers 15 years to 49 years in that year.

Source: National Perinatal Data Collection, 2003. AIHW 2003, *Australian Hospital Statistics 2001–02*.

**Table A3.12(b): Delivery by caesarean section, by age of mother, Australia, 1995–1999**

	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–49 years
	(per cent)					
1995	12.0	15.7	20.6	24.5	29.0	36.7
1996	12.3	15.3	20.6	24.7	29.2	35.5
1997	12.8	15.7	21.1	25.5	30.4	38.0
1998	13.5	16.2	21.9	26.4	31.1	38.3
1999	13.4	16.4	22.4	27.2	32.5	40.7

*Notes*

1. Multiple births excluded.
2. 1995–1997—no hospital accommodation classification for Victoria.
3. 1995–1999—no classification for hospital accommodation for the Northern Territory.
4. Caesarian includes elective, emergency and unspecified. Cases that did not specify hospital status are excluded.
5. Data not available for Tasmania in 1999: data from 1998 used as a proxy for 1999.
6. Denominator: confinements where hospital status is public or private (unknown and not stated are excluded).
7. Age grouping is 5 year intervals except 40–49.
8. Denominator: all confinements of mothers 15 years to 49 years in that year.

Source: National Perinatal Data Collection, 2003. AIHW 2003, *Australian Hospital Statistics 2001–02*.

### 3.13 Hysterectomy rates

**Table A3.13(a): Hospital hysterectomy separation rate, women aged 15–69 years, Australia, 1993–94 to 2001–02**

	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–00	2000–01	2001–02
Hysterectomy hospital separation rate	5.44	5.56	5.18	5.19	4.86	4.67	4.59	4.57	4.54

*Notes*

1. Age-standardised to the June 2001 Australian population. Rate expressed as separations per 1,000 women aged 15–69 years.
2. Hysterectomies are identified using the following ICD-10-AM codes: hysterectomy blocks [1268], [1269], codes 90450-00 and 90450-01. It is important to note that this analysis includes the following hysterectomies that other analyses such as studies by the US Agency for Healthcare Research and Quality exclude: (1) women undergoing hysterectomy for malignancy of the cervix, uterus, ovary and/or fallopian tube; and (2) women where the principal diagnosis is (a) lower abdominal trauma of (b) pregnancy, childbirth or puerperium.
3. ASGC remoteness category—see Appendix 4 for map of Australia showing remoteness categories.

Source: AIHW 2003, *Australian Hospital Statistics 2001–02*.

**Table A3.13(b): Hospital separations for hysterectomies, by Remoteness Area of usual residence, women aged 15–69 years, 2001–02**

	Separation rate
Major city	4.27
Inner regional	5.27
Outer regional	5.23
Remote	4.57
Very remote	3.55
Australia	4.54

*Notes*

1. Age-standardised to the June 2001 Australian population. Rate expressed as separations per 1,000 women aged 15–69 years.
2. Hysterectomies are identified using the following ICD-10-AM codes: hysterectomy blocks [1268], [1269], codes 90450-00 and 90450-01. It is important to note that this analysis includes the following hysterectomies that other analyses such as studies by the US Agency for Healthcare Research and Quality exclude: (1) women undergoing hysterectomy for malignancy of the cervix, uterus, ovary and/or fallopian tube; and (2) women where the principal diagnosis is (a) lower abdominal trauma of (b) pregnancy, childbirth or puerperium.
3. ASGC remoteness category—see Appendix 4 for map of Australia showing remoteness categories.

Source: AIHW 2003, *Australian Hospital Statistics 2001–02*.

## 3.14 Hospital costs

**Table A3.14(a): Cost per casemix-adjusted separation, public hospitals, Australia (\$)**

	1996–97	1997–98	1998–99	1999–00	2000–01	2001–02
Highest cost jurisdiction	3,689	3,623	3,326	3,444	3,397	3,769
Australian average	2,496	2,575	2,611	2,728	2,834	3,017
Lowest cost jurisdiction	2,309	2,354	2,390	2,529	2,675	2,741

Sources: AIHW, Australian Hospital Statistics, various years.

**Table A3.14(b): Increases in public hospital costs 2000–01 to 2001–02, Australia**

	2000–01	2001–02	Increase
	\$	\$	%
Medical staff and VMOs	520	572	10.0
Nursing	743	804	8.2
Other labour costs	619	643	3.9
Superannuation	143	151	5.6
Medical supplies	221	251	13.6
Drug supplies	144	152	5.6
Other recurrent costs	412	444	7.8
<b>Total</b>	<b>2,802</b>	<b>3,017</b>	<b>7.7</b>

*Notes*

1. Includes estimated medical costs for private patients.
2. Per cent increase in public hospital costs calculated from increases in costs per casemix-adjusted separation.

Sources: AIHW 2003, *Australian Hospital Statistics 2001–02*. AIHW 2002, *Australian Hospital Statistics 2000–01*.

## 3.15 Length of stay in hospital

**Table A3.15(a): Relative stay index, by separation type, by year, all hospitals, 1997-98 to 2001-02**

	<b>All years</b>	<b>1997-98</b>	<b>1998-99</b>	<b>1999-00</b>	<b>2000-01</b>	<b>2001-02</b>
Medical	1.00	1.04	1.01	0.99	0.99	0.97
Surgical	1.00	1.02	1.01	1.00	0.99	0.98
Other	1.00	1.06	1.02	0.99	0.98	0.96
Total	1.00	1.05	1.01	0.99	0.98	0.97

*Note:* There may be a slight discontinuity between 97-98 and 98-99 due to the ICD-9-CM to ICD-10 AM changeover.

*Source:* AIHW analysis of National Hospital Morbidity Database.

**Table A3.15(b): Relative stay index, by type of separation, by State and Territory, 2001-02**

	<b>Medical</b>	<b>Surgical</b>	<b>Other</b>	<b>Total</b>
NSW	1.03	1.01	1.03	1.02
Vic	0.95	0.99	0.97	0.97
Qld	0.98	0.98	1.00	0.98
WA	1.04	1.02	0.97	1.03
SA	0.99	0.98	0.97	0.99
Tas	1.01	1.04	1.07	1.02
ACT	1.11	1.02	0.91	1.07
NT	1.21	1.36	1.31	1.25
Australia	1.00	1.00	1.00	1.00

*Note:* There may be a slight discontinuity between 97-98 and 98-99 due to the ICD-9-CM to ICD-10 AM changeover.

*Source:* AIHW analysis of National Hospital Morbidity Database.

## 3.16 Waiting times in emergency departments

**Table A3.16(a): Presentations to public hospital emergency departments treated within benchmark times, by triage category, Australia**

	2000-01	2001-02
	%	%
Resuscitation	98	99
Emergency	73	76
Urgent	61	60
Semi-urgent	60	59
Non-urgent	83	84

*Note:* Triage category is the urgency of the patient's need for medical and nursing care.

*Source:* AIHW 2003, *Australian Hospital Statistics 2001-02*.

**Table A3.16(b): Presentations to public hospital emergency departments treated within benchmark times, by triage category, by State and Territory, 2001-02**

	Resuscitation	Emergency	Urgent
	(per cent)		
NSW	100	78	57
Vic	100	83	76
Qld	99	71	56
WA	96	79	56
SA	99	65	50
Tas	89	52	55
ACT	99	87	80
NT	100	67	69
Australia	99	76	60

*Note:* Triage category is the urgency of the patient's need for medical and nursing care.

*Source:* AIHW 2003, *Australian Hospital Statistics 2001-02*.

### 3.17 Bulk billing for non-referred (GP) attendances

Table A3.17(a): Bulk billing of medical services, Australia, 1984-85 to December 2002 (per cent of population)

	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
Non-referred/ GP-type services	53	56	60	62	65	67	70	72	74	77	79	80	81	80
Specialist consultations	21	23	24	23	23	25	26	27	29	31	32	33	32	32
Obstetrics	16	19	21	23	24	25	27	30	33	37	40	26	23	24
Pathology	44	48	51	54	56	59	63	66	68	72	74	76	78	79
Diagnostic imaging	34	39	43	35	37	42	46	49	52	56	58	61	63	64
Total	45	49	52	53	55	58	61	63	65	68	70	71	72	72

  

	1998-99	1999-00	Mar- 2000	Jun- 2000	Sep- 2000	Dec- 2000	Mar- 2001	Jun- 2001	Sep- 2001	Dec- 2001	Mar- 2002	Jun- 2002	Sep- 2002	Dec- 2002	Mar- 2003
Non-referred/ GP-type services	79	79	79	79	78	78	78	77	76	75	75	74	71	70	68.5
Specialist consultations	32	32	31	32	31	31	30	30	30	30	29	29	29	28	27.3
Obstetrics	25	25	25	24	24	23	23	22	21	20	20	20	20	19	19.4
Pathology	81	82	84	82	81	83	84	84	84	84	84	84	84	84	84.6
Diagnostic imaging	65	64	64	62	61	61	61	61	60	60	60	61	60	60	59.2
Total	72	72	73	72	71	71	72	71	71	70	71	70	68	68	67.9

Source: Commonwealth Department of Health and Ageing 2002, *Medicare Statistics 1984/85 to 2001/02*; Australian Government Department of Health and Ageing web site, [www.health.gov.au/haf/medstats/btabs.htm](http://www.health.gov.au/haf/medstats/btabs.htm).

**Table A3.17(b): Bulk-billing of non-referred services, by index of socio-economic disadvantage Australia, 1997-97, 1999-2000, 2001-02**

SEIFA percentile	1996-97	1999-2000	2001-02
	(per cent)		
A: <10	92.7	92.3	89.9
B: 10 – <20	84.6	82.8	78.8
C: 20 – <30	81.2	79.1	76.0
D: 30 – <40	75.7	73.4	69.9
E: 40 – <50	76.8	75.6	71.7
F: 50 – <60	79.9	78.4	74.8
G: 60 – <70	83.1	82.2	77.4
H: 70 – <80	80.2	78.9	73.5
I: 80 – <90	80.5	78.9	74.2
J: 90+	73.1	71.5	66.4
Total	80.7	79.2	75.0

*Notes*

1. The socioeconomic status of people was measured by the average Socio-Economic Indexes for Areas (SEIFA) score for the postcode of their area. Post office box postcodes were not represented. As a result, the totals may differ slightly from other published statistics.
2. The categories are in decreasing order of disadvantage: <10 represents the 10% most disadvantaged areas as measured by SEIFA. 90+ represents the 10% least disadvantaged.

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.17(c): Bulk-billing of non-referred attendances by type of area, Australia, 1996-97 to 2001-02**

	1996-97	1999-00	2001-02
Capital city	85.9	85.2	80.8
Other metro	81.3	78.6	72.3
Large rural	65.7	60.8	59
Small rural	64.8	61.7	59.3
Other rural	62.1	58.6	56.6
Remote centre	56	59	58.9
Other remote	70.1	70.1	70
Unknown	68.8	73.4	71.5
Australia	80.6	79.1	74.9

Note: Regional classification is RRMA; see Appendix 4 for details.

Source: Australian Government Department of Health and Ageing (unpub.); SRCSSP (2003):Table 10A.36.

## 3.18 Availability of general practitioner services

Table A3.18a: GP FWE and FWE per 100,000 people by RRMA, 1996–97 to 2001–02

	Capital city	Other metro	Large rural	Small rural	Other rural	Remote centre	Other remote	Australia
FWE GPs								
1996–97	11,445	1,274	924	923	1,504	120	125	16,316
1997–98	11,502	1,288	941	934	1,510	122	134	16,432
1998–99	11,472	1,283	936	926	1,513	119	142	16,389
1999–00	11,475	1,286	935	951	1,526	118	142	16,433
2000–01	11,383	1,285	953	996	1,601	124	150	16,493
2001–02	11,433	1,298	982	1,043	1,700	124	155	16,736
FWE GPs per 100,000 people								
1996–97	97	90	81	75	63	54	40	88
1997–98	96	90	82	75	63	54	43	88
1998–99	95	88	80	74	63	52	45	86
1999–00	93	86	79	75	63	52	45	86
2000–01	92	84	78	78	65	55	48	85
2001–02	91	83	80	80	68	55	49	85

### Notes

1. FWE numbers were based on the doctors' practice location postcodes at which services were rendered within the reference period.
2. Estimated resident population was based on the 2001 Census Benchmark.
3. See Appendix 4 for information on the Rural, remote or metropolitan area (RRMA) classification.

Source: Australian Government Department of Health and Ageing, *Report on Government Services 2003*, Vol.2, p10.39, Fig.10.26.

**Table A3.18b: Percentage of female GPs and FWE, 1996–97 to 2001–02**

	Capital city	Other metro	Large rural	Small rural	Other rural	Remote centre	Other remote	Australia
Percentage of female GPs								
1996–97	34	28	30	26	25	29	30	32
1997–98	35	28	32	25	25	34	32	33
1998–99	35	30	31	26	26	38	33	33
1999–00	36	29	32	26	28	35	35	34
2000–01	37	30	33	29	27	33	34	35
2001–02	37	31	34	28	29	32	33	35
Percentage of female FWE GPs								
1996–97	25	18	20	16	17	20	19	23
1997–98	25	18	20	17	18	22	19	23
1998–99	26	19	21	17	18	24	23	24
1999–00	26	19	22	18	19	24	25	24
2000–01	27	19	23	19	20	25	25	25
2001–02	27	20	23	21	21	25	22	25

*Notes*

1. FWE numbers were based on the doctors' practice location postcodes at which services were rendered within the reference period.
2. Estimated resident population was based on the 2001 Census Benchmark.

*Source:* Australian Government Department of Health and Ageing, *Report on Government Services 2003*, Vol.2, p10.40, Fig.10.27.

**Table A3.18c: GP headcount and FWE for Australia, 2001–02**

GP Headcount	FWE
24,307	16,736

*Notes*

1. GP numbers were based on the doctor's major practice postcode as at the last quarter of the reference period. The major practice postcode is the location at which the doctor rendered the most services.
2. FWE numbers were based on the doctors' practice location postcodes at which services were rendered within the reference period.
2. See Appendix 4 for detail on RRMA classification.

*Source:* Australian Government Department of Health and Ageing, *Report on Government Services 2003*, Vol.2, p10.39, Fig.10.26.

**Table A3.18d: Age distribution of GP FWE for Australia, 1996-97 to 2001-02**

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
				(per cent)		
Younger than 35 years	15	13	12	11	10	9
35 to 44 years	34	34	32	31	30	29
45 to 54 years	31	32	33	34	35	36
55 years or older	20	21	22	24	25	26
Total FWE	100	100	100	100	100	100

*Notes*

1. Calculations were performed prior to rounding.
2. FWE numbers were based on the doctors' practice location postcodes at which services were rendered within the reference period.
3. See Appendix 4 for detail on RRMA classification.

*Source:* Australian Government Department of Health and Ageing (unpub.).

## 3.19 Access to elective surgery

Table A3.19: Median waiting times for selected procedures, Australia by jurisdiction, 2001–02

	Median waiting time (days)	Separation rate public <sup>(1)</sup>	Separation rate private <sup>(1, 2)</sup>	Separation rate total <sup>(1)</sup>
<b>Coronary artery bypass surgery</b>				
NSW	21	0.44	0.37	0.81
Vic	10	0.48	0.39	0.87
Qld	17	0.48	0.45	0.93
WA	17	0.40	0.19	0.59
SA	16	0.42	0.42	0.83
Tas	39	0.69	0.00	0.69
ACT	16	0.89	0.00	0.89
Australia	16	0.46	0.36	0.82
<b>Total hip replacement</b>				
NSW	111	0.61	0.62	1.23
Vic	110	0.64	0.77	1.41
Qld	56	0.50	0.68	1.18
WA	88	0.56	0.88	1.44
SA	103	0.66	0.83	1.49
Tas	264	0.56	0.94	1.50
ACT	91	1.11	1.01	2.12
NT	114	0.47	0.00	0.47
Australia	96	0.60	0.72	1.32
<b>Total knee Replacement</b>				
NSW	174	0.48	0.87	1.34
Vic	129	0.37	0.68	1.05
Qld	69	0.41	0.86	1.27
WA	174	0.31	0.96	1.27
SA	135	0.54	0.92	1.47
Tas	404	0.23	0.66	0.90
ACT	139	0.95	1.46	2.40
NT	102	0.16	0.00	0.16
Australia	131	0.43	0.83	1.26

*Notes*

1. Rate expressed as public and private hospital separations per 1,000 persons resident in that jurisdiction. Age-standardised to the June 2001 Australian population.
2. Victoria reported that for 2001–2002, private hospital separations were underestimated by up to 9%.

Source: AIHW 2003, *Australian Hospital Statistics 2001–02*.

## 3.20 Electronic prescribing and clinical data in general practice

Table A3.20(a): Use of computers for clinical purposes, per cent of PIP practices, by year, Australia, August 1999 to May 2003

	Unit	Capital city	Other metro	Large rural centre	Small rural centre	Other rural	Remote centre	Other remote	Aust total
PIP practices (May 2003)	no.	2,910	355	297	287	608	51	85	4,593
Electronic prescribing									
Share of PIP practices (May 2003)	%	89.1	90.1	94.6	96.2	93.8	84.3	87.1	90.5
Share of PIP practices (May 2002)	%	86.6	88.5	92.6	93.1	92.3	83.7	83.1	88.2
Share of PIP practices (May 2001)	%	76.0	79.0	88.9	84.1	85.3	64.2	66.3	78.3
Share of PIP practices (Aug 2000)	%	70.5	75.0	83.8	80.6	80.5	60.0	62.5	73.0
Share of PIP practices (Aug 1999)	%	46	58	60	60	59	41	41	50
Use computers to send and/or receive clinical data									
Share of PIP practices (May 2003)	%	89.1	88.5	92.3	94.4	91.4	88.2	80.0	89.7
Share of PIP practices (May 2002)	%	87.3	86.2	91.9	93.1	90.8	85.7	77.9	88.1
Share of PIP practices (May 2001)	%	85.3	86.6	93.5	90.8	91.1	90.6	87.0	87.0
Share of PIP practices (Aug 2000)	%	82.5	83.5	91.2	89.4	88.6	84.0	84.1	84.0
Share of PIP practices (Aug 1999)	%	65	73	76	73	77	69	69	68

### Notes

1. As not all practices participate in the PIP and participation varies in Australia, this data should be treated as indicative only.
2. The last quarter of the financial year has been supplied from 2001 as it is the most stable quarter as policy changes tend to be introduced at the beginning of financial years.
3. Capital city = State and Territory capital city statistical divisions; Other metropolitan centre = one or more statistical subdivisions that have an urban centre with a population of 100 000 or more; Large rural centre = SLAs where most of the population resides in urban centres with a population of 25 000 or more; Small rural centre = SLAs in rural zones containing urban centres with populations between 10 000 and 24 999; Other rural area = all remaining SLAs in the rural zone; Remote centre = SLAs in the remote zone containing populations of 5 000 or more; Other remote area = all remaining SLAs in the remote zone.

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.20(b): Percentage of practices under the Practice Incentives Program (PIP) using computers for clinical purposes by section of state, Australia, May 2003**

	Capital city	Other metro	Large rural centre	Small rural centre	Other rural	Remote centre	Other remote	Australia
% of PIP practices using electronic prescribing	89.1	90.1	94.6	96.2	93.8	84.3	87.1	90.5
% of PIP practices using computers to send and/or receive clinical data	89.1	88.5	92.3	94.4	91.4	88.2	80.0	89.7

*Notes*

1. As not all practices participate in the PIP and participation varies in Australia, this data should be treated as indicative only.
2. The last quarter of the financial year has been supplied from 2001 as it is the most stable quarter as policy changes tend to be introduced at the beginning of financial years.
3. Capital city = State and Territory capital city statistical divisions; Other metropolitan centre = one or more statistical subdivisions that have an urban centre with a population of 100 000 or more; Large rural centre = SLAs where most of the population resides in urban centres with a population of 25 000 or more; Small rural centre = SLAs in rural zones containing urban centres with populations between 10 000 and 24 999; Other rural area = all remaining SLAs in the rural zone; Remote centre = SLAs in the remote zone containing populations of 5 000 or more; Other remote area = all remaining SLAs in the remote zone.

*Source:* Australian Government Department of Health and Ageing (unpub.).

## 3.21 Adverse events treated in hospitals

**Table A3.21: Proportion of all separations with an adverse event that were treated in hospital, Australia, 2001–02**

	Public hospitals	Private hospitals	All hospitals
Adverse drug effects	1.35	0.60	1.07
Misadventures	0.15	0.10	0.12
Other abnormal reactions/complications	3.16	2.75	3.01
<b>Total adverse events</b>	<b>4.54</b>	<b>3.39</b>	<b>4.10</b>

*Notes*

1. An adverse event is defined as ICD-10-AM external cause codes Y40 to Y84 (complications of medical and surgical care).
2. As there can be more than one adverse event reported for each separation, the total number of separations with adverse events is less than the sum of the categories.

Source: AIHW (unpub.).

## 3.22 Enhanced Primary Care services

**Table A3.22(a) and (b): Percentage of 'active' GPs using Medicare Enhanced Primary Care (EPC) items, by quarter, 2000 to 2002, by State and Territory, Australia**

	Dec qtr 2000	Mar qtr 2001	June qtr 2001	Sept qtr 2001	Dec qtr 2001	Mar qtr 2002	June qtr 2002	Sept qtr 2002	Dec qtr 2002
NSW	21	23	31	38	43	44	46	44	45
Vic	26	28	36	43	46	46	45	44	43
QLD	23	25	34	40	44	44	46	42	44
SA	27	32	40	47	51	53	51	50	47
WA	23	27	34	40	43	45	47	42	41
Tas	27	29	36	41	49	46	47	46	43
NT	20	13	20	16	27	26	20	17	16
ACT	13	10	19	24	21	20	23	26	28
Aust	23	26	34	40	44	45	46	44	44

*Notes*

1. The Enhanced Primary Care Items include health assessments (A14), multidisciplinary care plans (A15 sub-group1) and case conferences (A15 sub-group 2, excluding items relating to Consultant Physicians and Psychiatrists). It does not include services that qualify under the Department of Veterans' Affairs National Treatment Account or services provided in public hospitals.
2. Percentage of 'active' GPs using EPC items is estimated by dividing the number of medical practitioners who claimed at least one EPC item within the State/Territory, during the Quarter and who also claimed 375 or more Non-referred attendances (NRAs) (see note 2) within the State/Territory during the Quarter, by the number of medical practitioners (including Vocationally Registered GPs (VR GPs) and non-Vocationally Registered GPs (non-VR GPs), but not including specialists or consultant physicians) who claimed 375 or more NRAs within the State/Territory, during the Quarter.
3. NRAs refer to VR-GP, non-VR GP non-referred attendances and EPC attendances. They do not include services that qualify under the Department of Veterans' Affairs National Treatment Account. They do not include services provided in public hospitals.

Source: Australian Government Department of Health and Ageing, GP Access Branch (unpub.).

## 3.23 Health assessments by general practitioners

Table A3.23: Numbers of eligible persons receiving Enhanced Primary Care Health Assessments, Australia, by jurisdiction, 2001–02

	General population (75+)			Aboriginal & Torres Strait Islander population (55+)		
	EPC Item service nos.			EPC Item service nos		
	700	702	% Uptake	704	706	% Uptake
NSW	33,044	26,761	16.3	248	124	3.9
Vic	22,434	17,857	15.0	151	51	10.4
Qld	18,273	9,951	16.0	333	117	5.6
SA	5,253	13,187	18.9	28	33	3.6
WA	5,572	5,494	12.8	125	41	3.8
Tas	1,105	3,202	15.8	4	8	1.0
ACT	629	301	8.2	2	1	2.1
NT	71	12	4.7	91	60	4.0
Australia	86,381	76,765	15.8	982	435	4.6

### Notes

1. Eligible General Population = (General population 75 years and over) less (Aboriginal and Torres Strait Islander population 75 years and over) less (Residential Aged Care Facility population (other Australians) 75 years and over).
2. Eligible Aboriginal and Torres Strait Islander Population = (Aboriginal and Torres Strait Islander population 55 years and over) less (Aboriginal and Torres Strait Islander population in Residential Aged Care Facilities 55 years and over).
3. MBS items included are EPC item nos. 700, 704, 702 and 706. EPC items 700 and 704 cover health assessments undertaken in consulting rooms; items 702 and 706 cover health assessments undertaken wholly or partly in the patient's home.
4. General population figures are based on the 2001 Census Estimated Residential Population (Australian Bureau of Statistics publication 3101.0 Australian Demographic Statistics 20/03/2003 Sep 2002).
5. Residential aged care population numbers are based on permanent residents as at 30 June 2002 (Australian Government Department of Health and Ageing).
6. Differences between estimates for indigenous and non-indigenous populations should be interpreted with caution because of problems of identification. The indigenous identifier on the MBS was not introduced until November 2002.

Source: Australian Government Department of Health and Ageing (unpub.).

## 3.24 Accreditation in general practice

**Table A3.24: Accredited practice provision of GP services**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Number of accredited practices participating in PIP	1,100	72	381	29	376	127	1,580	851	4,516
Percentage of General Practice services provided by accredited practices	82%	73%	83%	53%	85%	88%	76%	80%	80%
PIP accredited SWPE coverage	3,462,375	196,518	1,267,513	59,074	1,149,938	362,396	4,155,460	2,490,123	13,143,397
<b>Total SWPE coverage</b>	<b>4,230,445</b>	<b>269,057</b>	<b>1,530,752</b>	<b>110,508</b>	<b>1,359,038</b>	<b>409,932</b>	<b>5,467,551</b>	<b>3,093,819</b>	<b>16,471,097</b>

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.24(a): Total numbers of practices by RRMA**

RRMA	Capital city	Other metro	Large rural	Small rural	Other rural	Remote centre	Other remote	Australia
Per cent accredited	2,869	347	289	284	595	50	82	4,516
Per cent registered	61	10	10	3	15	1	6	106
<b>Total</b>	<b>2,930</b>	<b>357</b>	<b>299</b>	<b>287</b>	<b>610</b>	<b>51</b>	<b>88</b>	<b>4,622</b>

Note: See Appendix 4 for detail of RRMA classification.

Source: Australian Government Department of Health and Ageing (unpub.).

**Table A3.24(b): Proportion of total practice numbers**

RRMA	Capital city	Other metro	Large rural	Small rural	Other rural	Remote centre	Other remote	Australia
Per cent	97.9	97.2	96.7	99.0	97.5	98.0	93.2	97.7

Jurisdiction	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Per cent	98	98	96	99	99	100	100	100	98

Source: Australian Government Department of Health and Ageing (unpub.).

## 3.25 Health workforce

Table A3.25(a): Completions of courses<sup>(1)</sup> as a percentage of total workforce: doctors, nurses and pharmacists, Australia, 1993 to 2000

Profession/Item	1993	1994	1995	1996	1997	1998	1999	2000
<b>Doctors</b>								
Completions of medical courses by Australian citizens/permanent residents	1,234	1,235	1,241	1,327	1,196	1,206	1,248	n.y.a.
Employed medical practitioners	44,925	45,942	47,331	47,682	48,321	48,934	50,329	n.y.a.
Per cent completions to MPs	2.75	2.69	2.62	2.78	2.48	2.46	2.48	2.37
<b>Nurses</b>								
Completions of basic nursing courses by Australian citizens/permanent residents	6,397	5,850	5,430	4,977	4,765	4,661	4,697	4,465
Employed registered nurses	157,400	152,600	158,700	162,500	162,900	170,400	167,400	180,100
Per cent completions to employed registered nurses	4.06	3.83	3.42	3.06	2.93	2.74	2.81	2.48
<b>Pharmacists</b>								
Completions of basic pharmacy courses by Australian citizens/permanent residents	354	369	392	441	452	n.a.	233	511
Employed pharmacists	13,248	13,104	13,427	13,834	n.a.	n.a.	14,747	n.a.
Per cent completions to employed pharmacists	2.67	2.82	2.92	3.19	n.a.	n.a.	<sup>(2)</sup> 3.47	n.a.

### Notes

1. Course completion data includes an unknown but small number of New Zealand citizens.
2. The number of completions for pharmacists for 2000 has been used in place of the 233 completions recorded in 1999, as the 1999 figure was artificially low due to some courses being extended from 3 to 4 years' duration.

Source: AIHW: various medical, nursing and pharmacy labour force survey data.

**Table A3.25(b): Medical, nursing and pharmacy workforces<sup>(1)</sup>, percentage aged 55 and over, 1995 and 1999**

	<b>1995</b>	<b>1999</b>
Primary care practitioners <sup>(2)</sup>	22.5	25.1
Medical specialists <sup>(3)</sup>	28.4	31.2
Nurses <sup>(4)</sup>	7.2	10
Pharmacists	30.0	31

*Notes*

1. Employed (excluding those on extended leave).
2. Primary care practitioners are those medical practitioners engaged in general practice or in the primary care of patients. They are mostly GPs.
3. Medical specialists are those recognised as specialists by the relevant specialist professional college in Australia.
4. Nurses include registered and enrolled nurses.

*Sources:* AIHW: various medical, nursing and pharmacy labour force survey data, 1995 and 1999.