

EA Health preface — attachment

Data in the *Report on Government Services 2007* (2007 Report) are examined by the Health Working Group, but have not been formally audited by the Secretariat. Unsourced information was obtained from the Australian, State and Territory governments.

Attachment contents

Table HPA.1	Mortality rates, age standardised for all causes (per 1000 people)
Table HPA.2	Infant mortality rate, three year average (per 1000 live births)
Table HPA.3	Indigenous Infant mortality rates, three year average
Table HPA.4	Causes of death by Indigenous status, age standardised death rates, 1999–2001 (per 100 000 people)
Table HPA.5	All Australians average life expectancy at birth (years)
Table HPA.6	Indigenous life expectancy at birth (years)
Table HPA.7	Median age at death (years)
Table HPA.8	Birthweights, live births, all mothers, 2003
Table HPA.9	Birthweights of babies of Indigenous mothers, live births, by State and Territory 2003

Table HPA.1

Table HPA.1 Mortality rates, age standardised for all causes (per 1000 people)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (b)</i>
All Australians, annual (a)									
1999	7.1	6.8	7.3	6.9	6.8	7.8	6.5	9.9	7.1
2000	6.9	6.7	6.9	6.5	6.9	7.5	6.1	10.0	6.8
2001	6.6	6.5	6.7	6.3	6.8	7.6	6.3	9.4	6.6
2002	6.6	6.6	6.8	6.4	6.7	7.6	5.9	9.0	6.7
2003	6.4	6.3	6.4	6.2	6.6	7.4	5.8	9.0	6.4
2004	6.3	6.0	6.5	6.0	6.2	7.1	5.6	8.2	6.3
Non-Indigenous									
1999–2003	na	na	6.7	6.2	6.5	na	na	7.3	6.5
2000–2004	na	na	6.5	6.1	6.4	na	na	6.9	6.4
Indigenous									
1999–2003	na	na	12.0	12.6	11.7	na	na	17.2	13.2
2000–2004	na	na	12.1	12.8	11.7	na	na	17.1	13.3

(a) Deaths per 1000 population. Standardised death rates use total persons in the 2001 Australian population as the standard population. Rates are calculated using the direct method.

(b) The Australian Indigenous and non-Indigenous mortality rates are for Queensland, WA, SA and NT.

na Not available.

Source: ABS (unpublished); ABS 2005, *Deaths 2004*, Australia, Cat. no. 3302.0, AusInfo, Canberra; 2007 Report, table EA.11.

Table HPA.2

Table HPA.2	Infant mortality rate, three year average (per 1000 live births) (a)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (b)</i>
All Australians									
1993–1995	6.0	5.2	6.5	5.5	5.2	6.4	4.6	13.3	5.9
1994–1996	5.9	5.0	6.3	5.7	5.2	5.9	5.0	12.1	5.8
1995–1997	5.5	5.0	6.2	5.6	5.2	5.6	4.8	12.5	5.6
1996–1998	5.1	4.9	6.2	5.6	4.6	5.5	5.2	12.1	5.4
1997–1999	5.1	5.1	6.0	5.0	4.4	6.6	5.1	12.2	5.3
1998–2000	5.1	4.9	6.1	4.7	4.3	6.4	5.3	11.9	5.3
1999–2001	5.4	5.0	5.9	4.7	4.5	6.6	4.3	11.4	5.4
2000–2002	5.0	4.8	6.0	4.6	4.8	6.1	3.5	11.2	5.2
2001–2003	4.8	5.0	5.5	4.5	4.5	6.4	4.1	10.1	5.0
2002–2004	4.6	4.8	5.3	4.1	4.0	5.6	5.4	10.1	4.8

(a) Infant deaths per 1000 live births.

(b) Figures for Australia include 'Other territories'.

Source: ABS (various years), *Deaths 2004*, Australia, cat. no. 3302.0; and ABS (various years), *Births*, Australia, cat. no. 3301.0; 2007 Report, table EA.12.

Table HPA.3

Table HPA.3 Indigenous Infant mortality rates, three year average (a), (b), (c)

	<i>NSW</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>NT</i>
1998–2000	11.8	12.5	16.9	7.8	21.5
1999–2001	10.9	11.7	16.6	8.0	19.2
2000–2002	9.5	11.5	16.5	10.4	18.1
2001–2003	8.6	11.2	15.9	9.1	14.8
2002–2004	8.5	10.9	14.1	9.4	15.4

(a) Per 1000 live births.

(b) Victoria, Tasmania and the ACT are excluded due to poor coverage rates or small numbers.

(c) Deaths for whom the Indigenous status was not specified have not been prorated over Indigenous and non-Indigenous deaths. As a result, Indigenous and non-Indigenous infant mortality rates may be underestimated.

Source: ABS 2005, *Deaths Australia 2004*, Cat. no. 3302.0, AusInfo, Canberra; ABS 2004, *Deaths Australia 2003*, Cat. no. 3302.0, AusInfo, Canberra; 2007 Report, table EA.13.

Table HPA.4

Table HPA.4 Causes of death by Indigenous status, age standardised death rates, 1999–2001 (per 100 000 people) (a), (b)

	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>NT</i>
Non-Indigenous Australians				
Lung cancer	24.5	22.4	21.3	30.5
Diabetes (c)	18.5	16.7	23.3	30.3
Circulatory diseases (d)	73.2	59.1	72.3	90.1
Coronary heart disease	47.3	37.1	44.3	63.5
Rheumatic heart disease	0.6	0.6	0.7	np
Respiratory diseases	17.1	13.8	15.9	22.8
Pneumonia	2.0	2.0	2.2	2.7
Injury and poisoning (e)	35.9	32.8	31.5	52.5
Road vehicle accidents	8.9	8.4	8.9	18.7
Self harm	14.1	14.9	11.9	18.2
Assault	1.5	1.0	1.4	2.3
Indigenous Australians				
Lung cancer	65.6	25.7	42.1	53.2
Diabetes (c)	243.3	265.7	284.4	277.8
Circulatory diseases (d)	296.5	317.3	341.4	446.3
Coronary heart disease	201.4	181.1	217.5	251.0
Rheumatic heart disease	11.9	5.8	np	30.8
Respiratory diseases	82.7	80.0	123.5	141.4
Pneumonia	19.2	25.9	31.6	27.9
Injury and poisoning (e)	70.6	115.3	116.6	113.9
Road vehicle accidents	9.9	29.6	31.7	29.7
Self harm	55.1	48.2	51.2	56.1
Assault	8.1	13.2	7.1	23.4

(a) Age standardised death rates per 100 000 people aged less than 75 years. Data available for Queensland, WA, SA and NT only.

(b) Excludes deaths for which Indigenous status were not stated.

(c) Diabetes as an underlying cause or part of a multiple cause.

(d) Includes all heart disease, acute myocardial infarction (heart attack) and cerebrovascular diseases (stroke).

(e) Includes land and water transport accidents, falls, poisonings, drownings, other accidents, self-harm and assault.

np Not published.

Source: SIMC (Statistical Information Management Committee) 2004, *National summary of the 2001 and 2002 jurisdictional reports against the Aboriginal and Torres Strait Islander health performance indicators*, AIHW Cat. no. IHW 12, Australian Institute of Health and Welfare, Canberra; 2007 Report, table EA.15.

Table HPA.5

Table HPA.5 All Australians average life expectancy at birth (years)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
Males									
1997–1999	76.1	76.7	76.0	76.4	76.4	75.4	77.9	70.6	76.2
1998–2000	76.4	77.1	76.4	76.9	76.6	75.7	78.3	70.3	76.6
1999–2001	76.9	77.5	76.9	77.3	77.0	76.0	78.5	70.8	77.0
2000–2002	77.3	77.8	77.2	77.9	77.3	76.5	79.2	71.3	77.4
2001–2003	77.7	78.2	77.6	78.1	77.7	76.6	79.2	72.0	77.8
2002–2004	78.0	78.5	77.8	78.6	78.0	76.7	79.7	72.3	78.1
Females									
1997–1999	81.7	82.0	81.7	82.1	82.1	80.7	81.8	75.1	81.8
1998–2000	81.9	82.3	81.9	82.6	82.3	81.2	82.3	75.2	82.0
1999–2001	82.4	82.7	82.3	82.8	82.5	81.2	82.9	76.5	82.4
2000–2002	82.6	82.8	82.4	82.9	82.6	81.3	83.3	76.7	82.6
2001–2003	82.9	83.1	82.8	83.0	82.7	81.4	83.8	77.3	82.8
2002–2004	83.3	83.3	82.9	83.3	83.1	81.8	83.9	78.0	83.0

(a) Figures for Australia include 'Other territories'.

Source: ABS 2006, *Australian Historical Population Statistics*, Cat. no. 3105.0.65.001, Canberra; 2007 Report, table EA.16.

Table HPA.6

Table HPA.6 **Indigenous life expectancy at birth (years) (a), (b), (c)**

	<i>Indigenous males born 1996–2001</i>	<i>Indigenous females born 1996–2001</i>	<i>Total males born 1999–2001</i>	<i>Total females born 1999–2001</i>
NSW/Vic	60.0	65.1	na	na
Qld	58.9	62.6	na	na
SA/WA	58.5	67.2	na	na
NT	57.6	65.2	na	na
Australia	59.4	64.8	77.0	82.4

- (a) Indigenous data are for the Australian Aboriginal and Torres Strait Islander population, and include an adjustment for undercoverage of Indigenous deaths.
- (b) Indigenous life expectancy excludes Tasmania and the ACT. For Tasmania and the ACT, use data for Victoria and NSW.
- (c) Life expectancy data for Indigenous males and Indigenous females are for the period 1996–2001. Data for total males and females cover the period 1999–2001, the approximate mid-point of the Indigenous data.

na Not available

Source: ABS (various years), *Deaths 2004*, Australia, Cat. no. 3302.0, ABS, Canberra; ABS (2004), *Calculating Experimental Life Tables for Use in Population Estimates and Projections of Aboriginal and Torres Strait Islander Australians*, Demography Working Paper 2004-3, Cat. no. 3106.0.55.003, ABS Canberra; 2007 Report, table EA.17.

Table HPA.7

Table HPA.7 Median age at death (years) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
All Australians									
Males									
1999	74.8	75.3	74.4	74.2	75.9	75.3	72.2	55.0	74.8
2000	75.3	75.8	74.8	74.5	76.1	75.3	73.8	56.3	75.2
2001	75.6	76.2	74.8	74.8	76.7	76.0	72.5	55.2	75.6
2002	76.3	76.8	75.6	75.4	77.2	76.2	76.0	55.9	76.2
2003	76.3	76.8	75.6	75.6	77.5	75.8	74.5	57.3	76.3
2004 (d)	76.9	77.4	76.1	75.8	77.6	76.7	75.6	55.4	76.8
Females									
1999	81.3	81.8	81.1	81.4	82.2	80.6	79.4	61.0	81.4
2000	81.9	82.0	81.4	81.2	82.2	81.0	80.2	57.8	81.7
2001	81.8	82.2	81.5	81.5	82.3	81.2	81.1	61.8	81.8
2002	82.2	82.5	81.9	81.7	82.7	81.9	81.5	57.3	82.2
2003	82.6	82.7	82.0	82.2	83.1	82.1	81.4	62.8	82.4
2004 (d)	82.7	83.0	82.3	82.0	83.3	82.5	81.1	62.0	82.6
Indigenous (e), (f)									
Males									
1999	51.3	np	48.9	49.3	46.5	np	np	47.5	np
2000	53.9	np	53.9	46.6	49.5	np	np	46.2	np
2001	56.3	np	52.5	51.0	51.0	np	np	45.1	np
2002	56.3	np	51.8	51.2	48.9	np	np	47.1	np
2003	56.8	np	51.2	50.2	48.8	np	np	46.3	np
2004	55.8	np	53.7	50.0	49.5	np	np	43.8	np
Females									
1999	60.8	np	60.3	55.3	50.5	np	np	56.3	np
2000	59.4	np	61.3	56.0	56.3	np	np	54.0	np
2001	62.9	np	54.1	53.5	55.5	np	np	52.8	np
2002	61.9	np	58.8	53.0	55.0	np	np	50.0	np
2003	58.9	np	62.1	55.0	50.0	np	np	52.8	np
2004	62.7	np	57.9	63.6	53.5	np	np	54.0	np
Non-Indigenous (e), (f)									
Males									
1999	75.0	np	74.5	74.8	76.0	np	np	60.4	np
2000	75.5	np	75.3	75.1	76.3	np	np	61.1	np
2001	75.7	np	75.1	75.4	76.9	np	np	63.2	np
2002	76.5	np	75.9	75.9	77.3	np	np	63.0	np
2003	76.5	np	75.9	76.1	77.7	np	np	65.9	np
2004	77.0	np	76.2	76.3	77.6	np	np	63.0	np

Table HPA.7

Table HPA.7 **Median age at death (years) (a), (b)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
Females									
1999	81.4	np	81.4	81.8	82.2	np	np	71.3	np
2000	82.1	np	81.7	81.6	82.3	np	np	63.0	np
2001	81.9	np	81.7	81.9	82.4	np	np	71.5	np
2002	82.3	np	82.1	82.2	82.8	np	np	70.5	np
2003	82.7	np	82.2	82.4	83.2	np	np	74.5	np
2004	82.8	np	82.5	82.3	83.3	np	np	71.3	np

- (a) Median age at death does not adjust for the age structure of the populations involved.
- (b) Based on deaths registered to 31 December 2004. The All Australians data relate to the date the death occurred. The Indigenous and non-Indigenous data relate to the date the death was registered.
- (c) Figures for Australia include 'Other Territories'.
- (d) Data for 2004 are incomplete due to the delay between the occurrence and registration of a death.
- (e) Deaths for whom the Indigenous status was not specified have not been prorated over Indigenous and non-Indigenous deaths. As a result, Indigenous and non-Indigenous deaths may be underestimated.
- (f) Care should be exercised when comparing median age at death of Indigenous Australians and non-Indigenous Australians.

np Not published.

Source: ABS (2005), *Deaths 2004*, Australia, Cat. no. 3302.0, Canberra; 2007 Report, table EA.18.

Table HPA.8

Table HPA.8 Birthweights, live births, all mothers, 2003 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT (b)	NT	Aust
Mean birthweight	grams	3 382	3 367	3 382	3 354	3 362	3 376	3 394	3 246	3 372
Number of babies by birthweight										
Less than 1000g	no.	358	344	245	94	87	25	37	22	1 212
1000–1499g	no.	455	352	340	127	108	45	20	26	1 473
1500–1999g	no.	1 019	807	657	320	230	105	73	59	3 270
2000–2499g	no.	3 181	2 543	1 988	1 027	724	244	181	243	10 131
2500–2999g	no.	12 828	9 652	7 332	3 833	2 692	781	671	737	38 526
3000–3499g	no.	30 758	22 595	17 321	9 106	6 400	1 826	1 686	1 289	90 981
3500–3999g	no.	26 961	19 159	15 705	7 326	5 395	1 718	1 462	909	78 635
4000–4499g	no.	8 801	6 410	5 474	2 255	1 746	613	579	285	26 163
4500g and over	no.	1 506	1 149	991	409	328	123	111	51	4 668
Not stated	no.	24	7	6	–	–	2	1	–	40
All births	no.	85 891	63 018	50 059	24 497	17 710	5 482	4 821	3 621	255 099
Less than 1500g	no.	813	696	585	221	195	70	57	48	2 685
Less than 2500g	no.	5 013	4 046	3 230	1 568	1 149	419	311	350	16 086
Proportion of babies by birthweight										
Less than 1000g	%	0.4	0.5	0.5	0.4	0.5	0.5	0.8	0.6	0.5
1000–1499g	%	0.5	0.6	0.7	0.5	0.6	0.8	0.4	0.7	0.6
1500–1999g	%	1.2	1.3	1.3	1.3	1.3	1.9	1.5	1.6	1.3
2000–2499g	%	3.7	4.0	4.0	4.2	4.1	4.5	3.8	6.7	4.0
2500–2999g	%	14.9	15.3	14.6	15.6	15.2	14.2	13.9	20.4	15.1
3000–3499g	%	35.8	35.9	34.6	37.2	36.1	33.3	35.0	35.6	35.7
3500–3999g	%	31.4	30.4	31.4	29.9	30.5	31.3	30.3	25.1	30.8
4000–4499g	%	10.2	10.2	10.9	9.2	9.9	11.2	12.0	7.9	10.3
4500g and over	%	1.8	1.8	2.0	1.7	1.9	2.2	2.3	1.4	1.8

Table HPA.8

Table HPA.8 Birthweights, live births, all mothers, 2003 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT (b)	NT	Aust
Not stated	%	—	—	—	—	—	—	—	—	—
All births	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1500g	%	0.9	1.1	1.2	0.9	1.1	1.3	1.2	1.3	1.1
Less than 2500g	%	5.8	6.4	6.5	6.4	6.5	7.6	6.5	9.7	6.3

(a) This table cannot be compared with birthweight for all births in previous reports.

(b) In the ACT, 15.2 per cent of women who gave birth were non-ACT residents. Care must be taken when interpreting percentages.

— Nil or rounded to zero.

Source: Laws P. & Sullivan E., 2005, *Australia's Mothers and Babies 2003*, AIHW Cat. No. PER 29, AIHW National Perinatal Statistics Unit (Perinatal Statistics Series No. 16), Sydney; 2007 Report, table EA.19.

Table HPA.9

Table HPA.9 Birthweights of babies of Indigenous mothers, live births, by State and Territory 2003 (a)

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT (c)</i>	<i>NT</i>	<i>Aust</i>
Mean birthweight	grams	3 200	3 144	3 200	3 125	3 056	na	3 130	3 091	3 160
Number of babies by birthweight										
Less than 1500g	no.	36	np	69	42	19	na	np	33	210
1500–2499g	no.	218	np	263	175	62	na	np	165	934
2500–2999g	no.	454	86	608	366	105	na	18	374	2 011
3000–3499g	no.	757	137	999	508	154	na	19	450	3 024
3500–3999g	no.	506	67	664	319	90	na	20	272	1 938
4000–4499g	no.	163	np	207	93	33	na	np	72	596
4500g and over	no.	31	8	52	21	5	na	–	18	135
Not stated	no.	–	1	2	–	–	na	–	–	3
All births	no.	2 165	np	2 864	1 524	468	na	np	1 384	8 851
Less than 2500g	no.	254	48	332	217	81	na	14	198	1 144
Proportion of babies by birthweight										
Less than 1500g	%	1.7	np	2.4	2.8	4.1	na	np	2.4	2.4
1500–2499g	%	10.1	np	9.2	11.5	13.2	na	np	11.9	10.6
2500–2999g	%	21.0	23.4	21.2	24.0	22.4	na	22.8	27.0	22.7
3000–3499g	%	35.0	37.3	34.9	33.3	32.9	na	24.1	32.5	34.2
3500–3999g	%	23.4	18.3	23.2	20.9	19.2	na	25.3	19.7	21.9
4000–4499g	%	7.5	np	7.2	6.1	7.1	na	np	5.2	6.7
4500g and over	%	1.4	2.2	1.8	1.4	1.1	na	–	1.3	1.5
Not stated	%	–	0.3	0.1	–	–	na	–	–	–
All births	%	100.0	100.0	100.0	100.0	100.0	na	100.0	100.0	100.0
Less than 2500g	%	11.7	13.1	11.6	14.2	17.3	na	17.7	14.3	12.9

(a) This table cannot be compared with birthweight for all births to Aboriginal or Torres Strait Islander mothers in previous reports.

(b) Data for Tasmania were not available because the 'Not stated' category for Indigenous status was not able to be distinguished from the 'Neither Aboriginal nor Torres Strait Islander origin' category.

(c) In the ACT, 15.2 per cent of women who gave birth were non-ACT residents. Care must be taken when interpreting percentages. For example, the proportion of liveborn low birthweight babies for ACT Aboriginal or Torres Strait Islander residents was 8.6 per cent in 2003.

– Nil or rounded to zero. **na** Not available. **np** Not published.

Source: Laws P. & Sullivan E., 2005, *Australia's Mothers and Babies 2003*, AIHW Cat. No. PER 29, AIHW National Perinatal Statistics Unit (Perinatal Statistics Series No. 16), Sydney; 2007 Report; 2007 Report, table EA.20.