

12A Health management issues — attachment

Definitions for the indicators and descriptors in this attachment are in section 12.7 of the chapter. Data in this Report are examined by the Health Working Group, but have not been formally audited by the Secretariat. Unsourced information was obtained from Australian, State and Territory governments.

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12A.1 Breast cancer

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women, by age (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</i>
1998–2002									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.2	0.2	0.2	0.3	–	–	–	–	0.2
25–29 years	0.5	1.0	0.7	0.9	0.4	–	–	–	0.7
30–34 years	3.8	2.4	3.4	2.5	4.1	2.4	1.6	4.5	3.2
35–39 years	7.7	10.2	7.0	8.1	12.5	13.3	6.2	4.9	8.7
40–44 years	14.8	18.4	17.6	17.7	22.3	22.0	9.4	19.2	17.2
45–49 years	26.6	30.5	26.9	27.0	31.8	33.1	27.6	34.7	28.3
50–54 years	38.9	46.4	46.3	39.1	44.0	52.5	34.0	39.2	42.8
55–59 years	54.3	56.8	50.4	52.0	54.0	48.0	53.2	55.9	53.8
60–64 years	64.0	64.7	59.3	54.2	70.6	71.6	82.4	81.4	63.5
65–69 years	72.7	63.0	55.2	64.0	79.9	79.2	101.3	96.8	67.6
70–74 years	79.8	89.8	87.2	84.4	75.4	77.4	134.7	114.7	84.3
75–79 years	97.3	113.3	100.3	102.6	92.1	117.1	88.0	69.7	102.3
80–84 years	125.5	141.6	123.9	114.7	132.2	133.1	149.1	163.4	129.7
85 + years	168.7	201.5	185.7	213.9	201.4	193.9	225.4	71.3	188.2
All ages									
ASR (Aust)	24.3	26.7	24.5	24.4	26.7	27.6	27.7	26.4	25.3
95% CI									
Upper	25.0	27.7	25.5	25.9	28.3	30.6	32.1	34.7	25.7
Lower	23.6	25.9	23.4	23.0	25.2	24.8	23.8	19.5	24.8
Ages 50–69									
ASR (Aust)	54.4	56.1	51.8	50.2	58.8	60.2	61.6	63.0	54.6
95% CI									
Upper	57.1	59.2	55.3	55.2	64.4	70.8	76.5	89.6	56.2
Lower	51.9	53.1	48.4	45.6	53.5	50.8	48.9	42.6	53.1
1999–2003									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.1	0.1	0.2	0.3	–	–	–	–	0.1
25–29 years	0.3	1.0	0.3	1.2	0.8	–	–	2.2	0.6
30–34 years	3.3	2.8	3.2	3.6	1.9	2.5	1.6	6.7	3.1
35–39 years	7.4	10.7	7.9	6.5	12.7	10.2	7.8	4.9	8.7
40–44 years	14.6	17.7	16.9	16.6	23.1	16.3	9.4	16.2	16.6
45–49 years	24.9	29.5	27.0	25.9	31.5	30.4	22.7	33.7	27.2
50–54 years	37.0	45.1	42.6	37.9	44.6	45.0	34.9	44.7	41.0

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women, by age (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</i>
55–59 years	56.1	55.0	49.8	50.3	56.9	51.6	44.6	80.6	54.0
60–64 years	64.9	66.0	57.8	60.1	63.8	62.2	64.4	85.2	63.4
65–69 years	70.2	62.9	59.3	69.0	79.2	78.8	93.3	92.6	67.7
70–74 years	77.0	89.7	87.2	87.7	77.6	75.3	118.1	88.7	83.4
75–79 years	97.6	111.2	95.5	99.2	90.7	108.3	85.0	66.6	100.3
80–84 years	124.2	139.2	122.0	127.1	124.1	143.8	140.2	205.2	128.8
85 + years	173.3	203.5	176.9	205.2	196.0	222.1	197.5	68.3	188.1
All ages									
ASR (Aust)	23.9	26.5	23.9	24.6	26.3	26.3	24.9	27.8	24.9
95% CI									
Upper	24.7	27.4	25.0	26.1	27.9	29.2	29.0	36.0	25.4
Lower	23.2	25.6	23.0	23.2	24.8	23.6	21.3	20.9	24.5
Ages 50–69									
ASR (Aust)	54.0	55.4	50.8	51.6	58.2	56.5	54.3	71.5	54.0
95% CI									
Upper	56.6	58.5	54.2	56.5	63.7	66.7	68.0	98.0	55.5
Lower	51.5	52.4	47.5	46.9	53.0	47.6	42.7	50.5	52.6
2000–2004									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	–	0.1	–	0.3	–	–	–	–	0.1
25–29 years	0.5	0.8	0.3	1.2	0.4	–	–	2.3	0.6
30–34 years	3.1	3.5	2.7	4.4	1.1	2.5	1.5	8.8	3.1
35–39 years	8.0	10.1	6.4	6.8	13.6	10.5	3.2	4.9	8.5
40–44 years	14.1	16.8	16.2	13.5	20.1	16.1	9.3	10.6	15.5
45–49 years	25.2	27.5	27.2	24.0	30.8	31.1	19.5	18.0	26.4
50–54 years	37.6	42.6	40.0	34.3	44.7	45.2	36.1	28.5	39.6
55–59 years	55.2	55.0	47.1	45.7	58.8	48.9	44.0	59.1	52.7
60–64 years	61.5	62.5	58.7	56.0	61.2	65.5	71.8	69.7	61.0
65–69 years	74.7	65.6	63.8	70.3	85.0	67.2	72.1	73.5	70.7
70–74 years	80.1	84.9	83.6	84.1	73.5	80.0	101.6	64.1	81.9
75–79 years	98.6	108.0	92.4	104.9	92.9	108.0	83.5	63.8	100.0
80–84 years	121.5	139.6	124.2	134.7	124.6	118.1	149.0	242.8	128.4
85 + years	179.2	205.6	175.2	181.3	202.0	205.7	195.4	–	188.4
All ages									
ASR (Aust)	24.1	25.8	23.4	23.5	26.3	25.4	23.5	21.7	24.6
95% CI									
Upper	24.9	26.7	24.4	24.9	27.8	28.3	27.4	29.0	25.0
Lower	23.4	25.0	22.5	22.2	24.8	22.8	20.0	15.7	24.1

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women, by age (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</i>
Ages 50–69									
ASR (Aust)	54.1	54.3	50.2	48.4	59.2	54.5	52.3	53.5	53.2
95% CI									
Upper	56.6	57.3	53.5	53.1	64.7	64.3	65.5	76.4	54.7
Lower	51.6	51.4	47.0	44.1	54.0	45.8	41.2	35.9	51.8
2001–2005									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	–	–	–	–	–	–	–	0.0
20–24 years	–	0.1	–	–	–	–	–	–	0.0
25–29 years	0.5	0.9	0.3	0.6	0.4	–	–	2.3	0.6
30–34 years	2.6	4.1	3.1	3.6	2.2	2.5	1.5	8.8	3.2
35–39 years	8.2	8.8	6.6	5.7	13.1	9.5	3.2	4.9	8.1
40–44 years	14.9	16.7	16.1	12.3	19.4	15.0	15.5	7.8	15.6
45–49 years	25.1	27.7	26.2	25.2	26.2	32.9	22.6	14.7	26.1
50–54 years	37.7	43.5	37.8	33.2	45.1	50.5	34.2	24.0	39.4
55–59 years	54.1	52.6	45.3	44.6	58.9	50.4	43.6	54.9	51.3
60–64 years	62.3	59.1	63.3	61.7	60.6	70.2	78.1	48.2	61.9
65–69 years	73.5	66.8	71.1	71.0	81.0	59.5	56.3	69.6	71.2
70–74 years	76.4	80.3	77.9	88.9	76.0	77.9	106.3	62.1	79.1
75–79 years	101.7	105.8	93.3	94.9	89.9	97.6	70.9	152.5	99.3
80–84 years	118.2	140.5	124.5	142.0	133.6	144.5	123.7	93.5	129.2
85 + years	181.7	192.8	183.0	177.7	208.7	175.5	143.2	–	186.2
All ages									
ASR (Aust)	24.0	25.3	23.6	23.4	26.0	25.5	22.4	19.5	24.3
95% CI									
Upper	24.8	26.1	24.5	24.8	27.6	28.2	26.2	26.4	24.8
Lower	23.3	24.4	22.6	22.1	24.6	22.9	19.1	13.9	23.9
Ages 50–69									
ASR (Aust)	53.8	53.5	51.2	49.1	58.5	56.3	50.1	45.5	53.1
95% CI									
Upper	56.3	56.4	54.5	53.7	63.9	66.2	62.7	66.2	54.5
Lower	51.3	50.6	48.1	44.8	53.4	47.6	39.5	29.9	51.7
2002–2006									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	–	–	–	–	–	–	–	–
20–24 years	–	0.1	0.1	–	–	–	–	–	–
25–29 years	0.5	0.9	0.3	0.9	0.4	–	–	2.3	0.6

Table 12A.1

Table 12A.1	Mortality rates from breast cancer for women, by age (a)								
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
30–34 years	2.7	3.6	2.5	3.8	1.9	2.5	1.5	8.8	3.0
35–39 years	8.3	7.6	5.6	6.5	13.5	11.9	4.8	4.9	7.8
40–44 years	14.4	15.6	15.2	14.0	15.7	16.2	21.8	5.2	15.0
45–49 years	25.0	25.7	23.8	23.7	24.4	31.1	19.3	11.5	24.7
50–54 years	38.0	41.1	35.6	30.2	46.0	47.5	34.3	26.6	38.2
55–59 years	52.7	50.3	45.4	49.0	59.6	46.6	39.2	51.0	50.5
60–64 years	64.8	60.0	60.8	63.5	57.4	64.4	71.2	51.9	62.1
65–69 years	67.4	69.0	71.6	66.9	78.0	57.8	54.2	77.3	69.0
70–74 years	77.1	78.0	69.1	74.4	75.7	68.8	94.3	39.9	75.4
75–79 years	99.9	105.4	87.2	81.3	96.6	97.7	76.9	144.0	97.0
80–84 years	121.0	134.1	124.1	134.6	143.0	137.1	156.2	91.0	128.9
85 + years	183.0	201.8	170.1	169.9	212.2	176.9	175.5	–	186.8
All ages									
ASR (Aust)	23.9	24.7	22.4	22.4	25.9	24.5	23.0	18.5	23.8
95% CI									
Upper	24.6	25.5	23.3	23.8	27.4	27.2	26.7	25.0	24.2
Lower	23.2	23.9	21.4	21.1	24.4	22.0	19.6	13.2	23.4
Ages 50–69									
ASR (Aust)	52.9	52.6	50.1	48.9	57.8	52.7	47.1	47.6	52.1
95% CI									
Upper	55.4	55.5	53.3	53.4	63.1	62.1	59.1	67.9	53.5
Lower	50.5	49.9	47.0	44.7	52.8	44.5	37.0	31.9	50.8

ASR = age standardised rate; CI = confidence interval.

(a) Rates are expressed per 100 000 women. Data are age standardised to the Australian population at 30 June 2001.

– Nil or rounded to zero.

Source: AIHW (unpublished), derived from the AIHW National Mortality Database.

Table 12A.2

Table 12A.2 Breast cancer five year relative survival at diagnosis

Age at Diagnosis	1982–1986		1987–1991		1992–1997		1998–2002	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
20–29 years	70.3	64.6–76.0	71.1	65.8–76.3	73.0	68.4–77.6	81.5	76.8–86.2
30–39 years	72.1	70.2–73.9	75.9	74.3–77.6	79.9	78.6–81.2	84.4	83.0–85.8
40–49 years	76.4	75.2–77.6	80.4	79.4–81.3	85.7	85.1–86.4	89.5	88.8–90.1
50–59 years	70.2	69.0–71.4	77.5	76.5–78.5	86.3	85.7–86.9	90.0	89.5–90.6
60–69 years	72.9	71.7–74.1	79.7	78.7–80.7	86.1	85.4–86.8	90.4	89.7–91.1
70–79 years	69.9	68.3–71.5	76.6	75.2–78.0	82.8	81.8–83.9	85.2	84.1–86.2
80–89 years	64.3	61.0–67.7	67.9	65.1–70.8	70.8	68.6–73.1	75.5	73.1–77.9
90–99 years	63.0	49.0–76.9	58.2	47.2–69.2	52.7	44.5–60.8	56.3	47.7–64.9
All ages	70.9	70.2–71.5	76.5	76.0–77.0	82.8	82.4–83.1	86.6	86.3–87.0

Source: AIHW and National Breast Cancer Centre (2006), *Breast cancer in Australia: An overview, 2006*, Cancer series no. 34. Cat. no. CAN 29. Canberra: AIHW.

Table 12A.3

Table 12A.3 Number of new cases of breast cancer, five year averages (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</i>
1997–2001	3 701	2 793	2 002	1 000	962	262	168	54	10 942
1998–2002	3 816	2 865	2 081	1 046	990	282	181	55	11 315
1999–2003	3 897	2 895	2 137	1 087	989	288	187	59	11 539
2000–2004	4 026	2 945	2 184	1 112	1 009	303	200	61	11 839
2001–2005	4 073	2 969	2 240	1 139	1 009	314	200	61	12 005

(a) A new case is defined as a person who has a new cancer diagnosed for the first time. One person may have more than one cancer and therefore may be counted twice in incidence statistics if it is decided that the two cancers are not of the same origin.

Source: AIHW (unpublished), derived from the National Cancer Statistics Clearing House (NCSCCH).

Table 12A.4

Table 12A.4 Incidence rates of breast cancer, five year averages (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</i>
1997–2001									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	0.3	0.3	0.9	–	–	–	–	0.2
20–24 years	2.3	1.4	1.1	1.2	2.1	1.4	–	–	1.6
25–29 years	6.3	8.4	6.4	7.7	5.4	6.3	6.0	8.5	6.9
30–34 years	24.9	26.2	24.6	29.0	27.8	23.0	30.1	9.2	25.6
35–39 years	58.9	57.0	59.5	61.1	62.8	47.5	51.0	49.4	58.5
40–44 years	119.6	120.3	115.0	107.4	120.1	104.1	115.7	103.7	117.1
45–49 years	175.9	179.9	183.5	183.9	191.7	160.2	181.7	145.6	179.8
50–54 years	246.4	254.3	240.7	253.2	283.3	253.5	310.2	208.8	252.0
55–59 years	294.5	279.4	300.0	290.4	315.7	272.3	328.0	274.1	292.9
60–64 years	312.8	320.4	356.1	322.7	328.4	302.1	338.1	295.6	324.5
65–69 years	307.3	325.4	336.4	343.5	330.8	254.6	350.7	234.7	321.0
70–74 years	320.6	328.3	346.5	278.1	262.4	309.4	341.1	335.4	318.0
75–79 years	306.5	323.6	323.2	330.4	309.5	304.0	310.2	254.7	315.8
80–84 years	295.6	319.9	349.7	310.0	311.0	242.1	326.7	230.7	312.2
85+ years	283.9	316.1	324.3	304.5	304.5	298.9	298.9	376.2	303.5
All ages									
ASR (Aust)	112.0	114.6	117.6	113.9	117.3	104.5	121.8	99.1	114.1
95% CI									
Upper	113.6	116.5	120.0	117.1	120.7	110.3	130.4	113.7	115.0
Lower	110.3	112.7	115.3	110.7	114.0	98.8	113.6	85.8	113.1
Ages 50–69									
ASR (Aust)	284.3	287.9	298.4	294.2	310.1	269.1	328.2	249.4	290.8
95% CI									
Upper	290.4	295.0	306.9	306.1	322.9	291.0	360.7	297.4	294.4
Lower	278.4	280.9	290.0	282.6	297.6	248.5	297.9	207.2	287.3
1998–2002									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	0.1	0.3	0.6	–	–	–	–	0.2
20–24 years	1.9	1.2	1.0	1.9	2.1	–	–	–	1.5
25–29 years	6.2	9.8	6.6	6.1	5.9	5.2	4.5	8.7	7.1
30–34 years	25.7	26.1	23.1	30.7	28.3	34.3	28.3	13.6	26.1
35–39 years	59.0	58.1	58.2	58.6	60.4	49.7	56.1	36.8	58.2
40–44 years	121.7	120.9	118.0	107.5	119.3	112.0	126.0	101.6	118.8
45–49 years	176.4	182.9	189.0	180.3	187.6	177.4	194.8	144.9	181.7
50–54 years	246.4	250.8	244.1	260.7	285.4	254.7	320.6	207.8	252.9

Table 12A.4

Table 12A.4	Incidence rates of breast cancer, five year averages (a)								
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
55–59 years	299.2	284.3	304.5	303.3	317.5	288.2	353.8	236.0	298.5
60–64 years	315.3	323.1	364.0	338.1	351.0	328.0	355.9	284.8	331.8
65–69 years	314.5	331.8	350.7	354.9	355.8	291.2	371.4	225.8	332.1
70–74 years	323.2	333.0	340.6	267.5	256.9	332.3	307.0	344.0	318.1
75–79 years	309.1	318.7	307.3	325.2	306.6	291.6	307.9	348.4	311.9
80–84 years	294.4	307.1	333.1	323.7	298.1	247.8	337.9	272.3	306.0
85+ years	291.4	311.1	321.1	314.1	312.8	284.3	288.0	428.0	305.5
All ages									
ASR (Aust)	113.0	115.1	118.4	115.6	118.5	110.7	126.0	99.7	115.2
95% CI									
Upper	114.6	117.0	120.7	118.7	121.9	116.7	134.6	114.3	116.2
Lower	111.4	113.2	116.1	112.4	115.2	105.0	117.8	86.3	114.2
Ages 50–69									
ASR (Aust)	287.4	289.7	305.0	305.5	320.6	285.9	346.1	235.1	296.1
95% CI									
Upper	293.4	296.8	313.4	317.4	333.5	308.1	378.6	280.3	299.7
Lower	281.5	282.9	296.7	293.9	308.1	264.9	315.7	195.3	292.6
1999–2003									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	0.1	–	0.6	–	–	–	–	0.1
20–24 years	1.6	1.2	0.6	1.2	1.7	–	–	–	1.2
25–29 years	6.1	9.3	6.3	7.4	6.5	4.1	4.6	6.7	7.0
30–34 years	24.3	26.4	24.3	29.2	23.5	29.5	32.6	15.6	25.4
35–39 years	61.3	60.8	59.9	56.6	62.7	51.0	53.4	44.2	60.0
40–44 years	120.4	122.4	117.9	105.8	115.7	109.8	132.8	102.6	118.3
45–49 years	175.1	186.5	193.5	186.0	180.2	183.4	194.9	150.3	183.2
50–54 years	238.4	247.1	240.3	265.3	276.7	237.3	307.1	219.9	247.7
55–59 years	300.1	279.6	303.3	311.4	317.3	296.2	366.5	265.0	298.8
60–64 years	327.1	319.0	358.4	349.8	346.4	342.4	336.2	312.3	334.9
65–69 years	316.6	327.8	353.3	350.7	365.6	313.1	382.7	185.2	333.4
70–74 years	318.2	317.1	337.2	270.9	256.0	314.7	295.2	266.2	311.0
75–79 years	310.2	313.2	297.6	315.4	297.6	296.6	334.1	299.6	308.0
80–84 years	310.6	295.9	314.1	328.8	282.7	262.4	327.0	256.5	305.0
85+ years	289.6	309.6	308.6	314.3	292.8	275.6	290.5	341.3	300.1
All ages									
ASR (Aust)	113.1	114.0	117.5	116.6	116.3	110.9	126.1	97.4	114.7
95% CI									
Upper	114.7	115.9	119.8	119.8	119.7	116.9	134.6	111.0	115.7
Lower	111.5	112.1	115.3	113.5	113.1	105.3	118.1	84.9	113.8

Table 12A.4

Table 12A.4	Incidence rates of breast cancer, five year averages (a)								
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Ages 50–69									
ASR (Aust)	287.8	285.6	302.6	311.0	318.3	289.1	342.6	245.5	295.3
95% CI									
Upper	293.7	292.5	310.9	322.8	331.0	311.0	374.3	289.6	298.8
Lower	282.0	278.9	294.5	299.5	306.1	268.3	313.0	206.5	291.9
2000–2004									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	0.1	–	0.6	–	–	–	–	0.1
20–24 years	1.5	1.1	0.6	0.6	2.1	1.4	–	–	1.1
25–29 years	6.9	9.1	5.9	7.2	9.1	5.6	3.1	4.6	7.3
30–34 years	25.1	25.5	24.5	28.1	25.4	27.0	38.3	17.6	25.6
35–39 years	61.6	61.2	58.0	56.4	65.2	52.3	47.5	44.3	59.9
40–44 years	120.1	120.1	118.1	106.9	120.1	120.5	139.8	90.2	118.4
45–49 years	180.0	187.2	195.0	189.8	171.3	190.1	214.0	168.0	185.6
50–54 years	240.3	243.1	236.0	266.0	274.6	232.1	301.0	224.7	246.2
55–59 years	300.3	287.4	298.5	303.5	322.0	296.4	365.5	241.7	299.4
60–64 years	332.2	317.9	351.3	336.2	345.2	349.0	348.5	296.1	334.1
65–69 years	325.5	327.7	353.5	355.0	361.7	319.0	405.4	191.1	337.1
70–74 years	324.6	314.0	329.8	277.4	266.9	347.5	342.1	235.1	314.0
75–79 years	316.8	304.9	298.9	297.2	289.5	303.3	405.6	287.1	307.1
80–84 years	314.3	293.6	295.2	334.4	280.1	281.4	298.0	242.8	302.9
85+ years	292.7	313.5	303.8	310.5	301.4	269.0	325.6	332.4	302.1
All ages									
ASR (Aust)	114.7	113.6	116.1	115.8	116.7	114.0	132.2	94.7	115.0
95% CI									
Upper	116.3	115.4	118.3	118.9	120.0	119.9	140.7	107.7	116.0
Lower	113.1	111.8	113.9	112.8	113.5	108.3	124.0	82.7	114.1
Ages 50–69									
ASR (Aust)	291.2	286.1	298.4	307.0	318.0	289.9	347.0	238.6	295.5
95% CI									
Upper	297.1	292.9	306.4	318.5	330.4	311.5	378.2	280.7	298.9
Lower	285.4	279.4	290.5	295.8	305.8	269.4	317.7	201.2	292.1
2001–2005									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	0.1	–	–	–	–	–	–
15–19 years	0.1	–	–	0.3	–	–	–	–	0.1
20–24 years	1.6	1.4	0.6	0.6	3.3	1.4	–	–	1.3
25–29 years	6.9	8.8	6.1	6.4	9.7	5.7	3.1	2.3	7.2

Table 12A.4

Table 12A.4 Incidence rates of breast cancer, five year averages (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</i>
30–34 years	24.2	25.6	25.3	25.5	25.9	25.8	36.4	17.6	25.2
35–39 years	61.7	62.0	61.5	56.5	61.3	59.2	46.2	61.3	60.9
40–44 years	124.2	116.5	119.8	113.5	114.9	129.7	141.3	96.7	119.8
45–49 years	183.5	188.5	196.9	193.0	161.2	193.8	205.4	152.6	186.8
50–54 years	236.6	243.0	234.0	267.7	262.3	229.6	292.4	205.6	243.4
55–59 years	293.7	282.1	292.4	294.7	300.1	295.8	363.8	214.6	291.8
60–64 years	333.4	306.6	344.5	331.9	344.0	330.4	332.0	313.0	329.3
65–69 years	335.2	324.1	350.7	349.2	368.5	357.1	398.6	194.8	340.1
70–74 years	306.8	306.2	320.5	279.9	267.0	327.8	345.3	186.4	303.8
75–79 years	311.3	294.9	297.2	289.5	297.0	323.7	401.9	274.5	302.7
80–84 years	299.7	299.3	289.9	331.7	288.3	282.3	263.8	187.1	298.4
85+ years	296.0	315.7	281.8	302.5	313.5	286.2	317.2	192.7	300.8
All ages									
ASR (Aust)	114.1	112.2	115.1	115.3	114.2	115.9	129.2	88.6	114.0
95% CI									
Upper	115.7	114.0	117.3	118.3	117.5	121.8	137.5	100.6	115.0
Lower	112.5	110.4	113.0	112.3	111.1	110.2	121.2	77.5	113.1
Ages 50–69									
ASR (Aust)	290.2	281.6	294.1	303.3	308.9	291.6	338.8	229.2	292.0
95% CI									
Upper	296.0	288.2	301.9	314.5	321.0	312.9	369.1	269.5	295.4
Lower	284.5	275.0	286.5	292.4	297.1	271.4	310.4	193.5	288.7

ASR = Age standardised rates. CI = confidence interval.

(a) Rates are expressed per 100 000 women at risk. Data are age standardised to the Australian population at 30 June 2001.

– Nil or rounded to zero.

Source: AIHW (unpublished), derived from the NCSCH.

Table 12A.5

Table 12A.5 **BreastScreen Australia: Scope of services provided in each jurisdiction, 2007**

<i>Services</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (a)</i>	<i>ACT</i>	<i>NT</i>
Screen taking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reading of X-rays	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Open biopsies (b)	Yes	Yes	No	Yes	No	No	Yes	No
Fine needle aspiration biopsy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Core biopsy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Assessment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Promotion of program	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recruitment of women	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data collection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service management and administration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

(a) Assessment includes further mammography, ultrasound, clinical examination and counseling as well as the listed items of fine needle aspiration and core biopsy.

(b) In Queensland, SA, Tasmania and the NT, open biopsies are funded outside the BreastScreen Australia Program.

Source: State and Territory governments (unpublished).

Table 12A.6

Table 12A.6 Expenditure on breast cancer screening (2006-07 dollars) (a), (b), (c)

	Aust Govt.	NSW	Vic (d)	Qld	WA	SA	Tas	ACT (e)	NT (f)	Aust (g)
2002-03										
Direct expenditure	na	29 817 001	23 712 082	21 988 790	na	8 466 079	4 335 240	na	na	na
Overhead and program wide expenses	na	6 068 705	1 477 577	2 791 988	na	361 188	108 814	na	na	na
Total public health	1 936 256	35 885 706	25 189 659	24 780 778	10 603 995	8 827 267	4 444 054	1 960 751	999 723	114 628 189
Total public health per female aged 40 years or over (h)	na	23.37	22.19	29.30	24.64	23.33	38.05	28.63	32.74	25.24
2003-04										
Direct expenditure	814 819	33 899 897	24 905 310	22 439 897	na	8 854 947	4 120 240	1 879 486	1 199 498	na
Overhead and program wide expenses	1 112 867	7 807 985	1 796 449	2 742 905	na	377 778	103 418	na	na	na
Total public health	1 927 686	41 707 883	26 701 759	25 182 801	11 018 182	9 232 725	4 223 658	1 879 486	1 199 498	123 073 678
Total public health per female aged 40 years or over (h)	na	26.77	23.07	28.82	24.96	24.03	35.34	26.92	38.02	26.55
2004-05										
Direct expenditure	1 134 951	38 004 535	26 110 440	na	na	8 128 490	4 350 271	na	1 061 956	na
Overhead and program wide expenses	1 006 717	9 318 358	1 709 932	na	na	346 785	112 103	na	297 733	na
Total public health	2 141 668	47 322 892	27 820 372	25 455 409	10 886 090	8 475 275	4 462 373	1 813 768	1 359 688	129 737 536
Total public health per female aged 40 years or over (h)	na	29.92	23.58	28.27	24.05	21.73	36.72	25.60	41.41	27.43
2005-06										
Direct expenditure	1 037 326	na	23 910 270	23 736 043	na	na	4 271 543	na	1 072 592	na
Overhead and program wide expenses	951 880	na	113 958	3 101 705	na	na	294 829	na	75 314	na

Table 12A.6

Table 12A.6 Expenditure on breast cancer screening (2006-07 dollars) (a), (b), (c)

	Aust Govt.	NSW	Vic (d)	Qld	WA	SA	Tas	ACT (e)	NT (f)	Aust (g)
Total public health	1 989 206	46 495 302	27 162 304	26 837 748	9 998 954	8 568 559	4 566 372	2 036 774	1 147 905	128 803 125
Total public health per female aged 40 years or over (h)	na	29.02	22.58	29.02	21.57	21.64	37.05	28.25	33.47	26.73
2006-07										
Direct expenditure	609 916	47 721 268	30 779 088	25 635 462	na	na	4 554 368	na	949 213	na
Overhead and program wide expenses	26 844	458 617	1 438	3 520 368	na	na	74 910	na	205 328	na
Total public health	636 760	48 179 885	30 780 526	29 155 830	8 587 030	8 403 690	4 629 278	2 362 390	1 154 541	133 889 929
Total public health per female aged 40 years or over (h)	na	29.61	25.10	30.73	18.08	20.94	37.03	32.16	32.62	27.25

(a) In every jurisdiction, BreastScreen Australia is a joint initiative funded by both the State or Territory government and the Australian Government under the Public Health Outcome Funding Agreements.

(b) The data need to be interpreted with care because of data deficiencies, differences across jurisdictions relating to the use of cash accounting and accrual methods, the treatment of corporate and central office costs, differences in methods used to collect expenditure figures, and differences in the interpretation of public health expenditure definitions.

(c) Medicare funding for radiographic breast examinations is excluded because it is not public health expenditure.

(d) Victorian data include depreciation.

(e) Data for the ACT include expenditure on BreastScreen ACT and the Cancer Registry.

(f) Data for the NT for direct expenditure include public health information systems, disease surveillance and epidemiological analysis, public health communication and advocacy, public health policy, program and legislation development, and public health workforce development.

(g) The Australian total includes Australian Government direct project expenditure, database or registry and other program support, population health non-grant program costs and running costs.

(h) Based on ABS estimated resident female population aged 40 years or over.

na Not available.

Source: AIHW (unpublished), derived from the AIHW Health Expenditure Database; table AA.2; SCRGP (Steering Committee for the Review of Government Service Provision), Various years, *Report on Government Services*, Productivity Commission, Canberra.

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2003									
First screening round									
<40 years	29	—	6	11	—	—	—	—	46
40–44 years	12 126	4 123	10 414	2 613	2 011	898	9	195	32 389
45–49 years	9 140	4 714	5 993	2 862	1 930	788	34	198	25 659
50–54 years	11 028	12 195	6 215	4 705	3 979	671	507	284	39 584
55–59 years	5 904	1 988	3 053	1 111	628	368	153	121	13 326
60–64 years	3 640	1 087	2 039	680	294	208	96	44	8 088
65–69 years	2 580	753	1 384	396	191	117	47	33	5 501
70–74 years	1 304	406	654	155	69	41	23	6	2 658
75–79 years	817	261	437	112	69	28	14	9	1 747
80–84 years	355	123	150	57	47	12	6	—	750
85+ years	99	41	40	13	8	4	2	—	207
Not stated	—	—	—	—	—	—	—	—	—
40+ years	46 993	25 691	30 379	12 704	9 226	3 135	891	890	129 909
50–69 years	23 152	16 023	12 691	6 892	5 092	1 364	803	482	66 499
Subsequent screening round									
<40 years	—	—	1	6	—	—	—	—	7
40–44 years	8 387	855	7 726	1 514	1 268	600	273	146	20 769
45–49 years	25 935	4 396	20 408	6 043	4 191	1 909	1 096	521	64 499
50–54 years	40 877	32 664	28 968	13 766	12 736	3 897	2 311	898	136 117
55–59 years	46 601	40 883	30 326	15 673	14 839	4 177	2 520	894	155 913
60–64 years	38 545	31 374	23 210	12 397	11 904	3 439	1 848	607	123 324
65–69 years	32 591	26 370	19 112	10 091	9 790	3 033	1 316	323	102 626
70–74 years	25 346	20 678	14 829	2 622	3 303	1 795	266	169	69 008

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
75–79 years	16 992	5 118	4 299	975	1 533	341	91	65	29 414
80–84 years	6 242	660	917	241	344	85	36	31	8 556
85+ years	1 404	93	222	33	48	13	3	3	1 819
Not stated	–	–	–	–	–	–	–	–	–
40+ years	242 920	163 091	150 017	63 355	59 956	19 289	9 760	3 657	712 045
50–69 years	158 614	131 291	101 616	51 927	49 269	14 546	7 995	2 722	517 980
<i>First and subsequent rounds</i>									
<40 years	29	–	7	17	–	–	–	–	53
40–44 years	20 513	4 978	18 140	4 127	3 279	1 498	282	341	53 158
45–49 years	35 075	9 110	26 401	8 905	6 121	2 697	1 130	719	90 158
50–54 years	51 905	44 859	35 183	18 471	16 715	4 568	2 818	1 182	175 701
55–59 years	52 505	42 871	33 379	16 784	15 467	4 545	2 673	1 015	169 239
60–64 years	42 185	32 461	25 249	13 077	12 198	3 647	1 944	651	131 412
65–69 years	35 171	27 123	20 496	10 487	9 981	3 150	1 363	356	108 127
70–74 years	26 650	21 084	15 483	2 777	3 372	1 836	289	175	71 666
75–79 years	17 809	5 379	4 736	1 087	1 602	369	105	74	31 161
80–84 years	6 597	783	1 067	298	391	97	42	31	9 306
85+ years	1 503	134	262	46	56	17	5	3	2 026
Not stated	–	–	–	–	–	–	–	–	–
40+ years	289 913	188 782	180 396	76 059	69 182	22 424	10 651	4 547	841 954
50–69 years	181 766	147 314	114 307	58 819	54 361	15 910	8 798	3 204	584 479

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2004									
First screening round									
<40 years	32	-	9	7	-	-	-	-	48
40-44 years	8 850	4 505	11 021	2 684	1 694	1 101	5	186	30 046
45-49 years	7 424	5 158	6 297	2 801	1 737	871	22	170	24 480
50-54 years	10 391	17 038	6 148	5 118	4 189	746	580	293	44 503
55-59 years	5 560	2 173	3 091	1 233	520	371	182	133	13 263
60-64 years	3 316	1 138	1 958	672	289	208	69	65	7 715
65-69 years	2 223	709	1 322	398	158	119	51	20	5 000
70-74 years	878	328	619	128	68	41	17	10	2 089
75-79 years	499	246	397	97	47	25	7	2	1 320
80-84 years	208	111	170	50	22	14	2	1	578
85+ years	53	21	52	10	10	2	3	1	152
Not stated	-	-	-	-	-	-	-	-	-
40+ years	39 402	31 427	31 075	13 191	8 734	3 498	938	881	129 146
50-69 years	21 490	21 058	12 519	7 421	5 156	1 444	882	511	70 481
Subsequent screening round									
<40 years	-	-	1	1	-	-	-	-	2
40-44 years	7 205	966	7 885	1 412	1 199	562	100	113	19 442
45-49 years	23 067	4 564	21 154	5 938	4 422	1 993	829	396	62 363
50-54 years	41 536	32 652	30 305	14 034	12 873	3 733	2 082	815	138 030
55-59 years	47 039	40 235	33 768	16 428	15 494	4 519	2 570	869	160 922
60-64 years	38 428	33 191	25 532	12 896	11 750	3 443	1 770	513	127 523
65-69 years	32 210	27 449	20 343	10 403	10 029	2 874	1 230	263	104 801
70-74 years	21 006	21 683	15 313	2 892	3 232	2 060	323	115	66 624

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
75–79 years	14 380	5 754	4 573	1 185	1 683	329	116	48	28 068
80–84 years	5 272	703	912	340	409	87	33	27	7 783
85+ years	1 053	119	224	54	57	9	4	5	1 525
Not stated	–	–	–	–	–	–	–	–	–
40+ years	231 196	167 316	160 009	65 582	61 148	19 609	9 057	3 164	717 081
50–69 years	159 213	133 527	109 948	53 761	50 146	14 569	7 652	2 460	531 276
<i>First and subsequent rounds</i>									
<40 years	32	–	10	8	–	–	–	–	50
40–44 years	16 055	5 471	18 906	4 096	2 893	1 663	105	299	49 488
45–49 years	30 491	9 722	27 451	8 739	6 159	2 864	851	566	86 843
50–54 years	51 927	49 690	36 453	19 152	17 062	4 479	2 662	1 108	182 533
55–59 years	52 599	42 408	36 859	17 661	16 014	4 890	2 752	1 002	174 185
60–64 years	41 744	34 329	27 490	13 568	12 039	3 651	1 839	578	135 238
65–69 years	34 433	28 158	21 665	10 801	10 187	2 993	1 281	283	109 801
70–74 years	21 884	22 011	15 932	3 020	3 300	2 101	340	125	68 713
75–79 years	14 879	6 000	4 970	1 282	1 730	354	123	50	29 388
80–84 years	5 480	814	1 082	390	431	101	35	28	8 361
85+ years	1 106	140	276	64	67	11	7	6	1 677
Not stated	–	–	–	–	–	–	–	–	–
40+ years	270 598	198 743	191 084	78 773	69 882	23 107	9 995	4 045	846 227
50–69 years	180 703	154 585	122 467	61 182	55 302	16 013	8 534	2 971	601 757

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2005									
First screening round									
<40 years	24	—	8	15	—	1	—	—	48
40–44 years	5 133	5 704	13 016	3 555	2 393	1 554	5	156	31 516
45–49 years	4 222	6 028	7 233	3 387	2 160	1 221	23	216	24 490
50–54 years	13 163	12 783	8 361	4 925	3 905	923	721	374	45 155
55–59 years	6 471	2 436	3 587	1 212	582	504	222	167	15 181
60–64 years	3 647	1 037	2 230	587	323	239	76	75	8 214
65–69 years	2 343	705	1 419	382	171	168	54	38	5 280
70–74 years	470	292	465	135	58	40	25	9	1 494
75–79 years	215	200	310	95	43	35	6	7	911
80–84 years	80	104	108	27	25	7	5	1	357
85+ years	22	26	32	14	9	1	2	—	106
Not stated	—	—	—	—	—	—	—	—	—
40+ years	35 766	29 315	36 761	14 319	9 669	4 692	1 139	1 043	132 704
50–69 years	25 624	16 961	15 597	7 106	4 981	1 834	1 073	654	73 830
Subsequent screening round									
<40 years	—	—	2	2	—	—	—	—	4
40–44 years	1 956	1 028	8 163	1 570	1 240	618	34	104	14 713
45–49 years	7 230	5 099	22 113	5 916	4 352	2 180	712	454	48 056
50–54 years	45 689	30 460	30 286	13 601	12 383	3 812	2 187	830	139 248
55–59 years	52 687	41 545	33 988	16 859	15 000	4 598	3 170	940	168 787
60–64 years	44 369	34 603	26 391	13 372	12 333	3 745	2 309	661	137 783
65–69 years	36 817	27 833	20 875	11 019	10 315	3 084	1 705	375	112 023
70–74 years	6 429	20 898	15 372	3 050	3 340	2 149	452	45	51 735

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
75–79 years	3 567	5 834	4 772	1 255	1 763	439	141	22	17 793
80–84 years	1 135	856	1 010	315	447	110	45	6	3 924
85+ years	167	156	250	75	67	13	7	1	736
Not stated	–	–	–	–	–	–	–	–	–
40+ years	200 046	168 312	163 220	67 032	61 240	20 748	10 762	3 438	694 798
50–69 years	179 562	134 441	111 540	54 851	50 031	15 239	9 371	2 806	557 841
<i>First and subsequent rounds</i>									
<40 years	24	–	10	17	–	1	–	–	52
40–44 years	7 089	6 732	21 179	5 125	3 633	2 172	39	260	46 229
45–49 years	11 452	11 127	29 346	9 303	6 512	3 401	735	670	72 546
50–54 years	58 852	43 243	38 647	18 526	16 288	4 735	2 908	1 204	184 403
55–59 years	59 158	43 981	37 575	18 071	15 582	5 102	3 392	1 107	183 968
60–64 years	48 016	35 640	28 621	13 959	12 656	3 984	2 385	736	145 997
65–69 years	39 160	28 538	22 294	11 401	10 486	3 252	1 759	413	117 303
70–74 years	6 899	21 190	15 837	3 185	3 398	2 189	477	54	53 229
75–79 years	3 782	6 034	5 082	1 350	1 806	474	147	29	18 704
80–84 years	1 215	960	1 118	342	472	117	50	7	4 281
85+ years	189	182	282	89	76	14	9	1	842
Not stated	–	–	–	–	–	–	–	–	–
40+ years	235 812	197 627	199 981	81 351	70 909	25 440	11 901	4 481	827 502
50–69 years	205 186	151 402	127 137	61 957	55 012	17 073	10 444	3 460	631 671

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2006									
First screening round									
<40 years	7	-	5	7	-	-	-	-	19
40-44 years	6 109	5 052	11 928	2 903	1 921	1 347	3	122	29 385
45-49 years	5 811	5 676	6 725	2 969	1 808	1 042	13	166	24 210
50-54 years	14 557	15 451	6 560	5 079	2 884	838	1 195	411	46 975
55-59 years	6 792	2 714	2 891	1 285	515	410	412	168	15 187
60-64 years	3 917	1 413	1 713	604	250	228	172	67	8 364
65-69 years	2 516	906	1 129	366	145	133	77	26	5 298
70-74 years	625	384	375	113	68	43	14	9	1 631
75-79 years	290	232	247	58	37	27	4	10	905
80-84 years	106	82	104	44	12	15	7	1	371
85+ years	30	16	42	12	6	3	1	1	111
Not stated	-	-	-	-	-	-	-	-	-
40+ years	40 753	31 926	31 714	13 433	7 646	4 086	1 898	981	132 437
50-69 years	27 782	20 484	12 293	7 334	3 794	1 609	1 856	672	75 824
Subsequent screening round									
<40 years	-	-	-	1	-	-	-	-	1
40-44 years	2 125	989	8 206	1 631	1 014	675	4	99	14 743
45-49 years	9 778	4 718	22 090	6 036	3 857	2 157	432	327	49 395
50-54 years	49 862	32 768	30 328	15 391	11 887	3 590	1 777	777	146 380
55-59 years	56 215	41 714	35 740	19 465	14 908	4 576	2 935	932	176 485
60-64 years	47 395	34 046	28 602	15 185	12 530	3 834	2 258	636	144 486
65-69 years	38 407	28 189	22 326	12 341	10 058	3 174	1 489	318	116 302
70-74 years	7 369	21 028	15 797	3 194	3 340	2 320	456	42	53 546

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
75–79 years	3 888	6 096	4 960	1 480	1 705	407	151	20	18 707
80–84 years	1 176	833	952	424	461	124	43	3	4 016
85+ years	243	155	277	87	70	20	3	1	856
Not stated	–	–	–	–	–	–	–	–	–
40+ years	216 458	170 536	169 278	75 234	59 830	20 877	9 548	3 155	724 916
50–69 years	191 879	136 717	116 996	62 382	49 383	15 174	8 459	2 663	583 653
<i>First and subsequent rounds</i>									
<40 years	7	–	5	8	–	–	–	–	20
40–44 years	8 234	6 041	20 134	4 534	2 935	2 022	7	221	44 128
45–49 years	15 589	10 394	28 815	9 005	5 665	3 199	445	493	73 605
50–54 years	64 419	48 219	36 888	20 470	14 771	4 428	2 972	1 188	193 355
55–59 years	63 007	44 428	38 631	20 750	15 423	4 986	3 347	1 100	191 672
60–64 years	51 312	35 459	30 315	15 789	12 780	4 062	2 430	703	152 850
65–69 years	40 923	29 095	23 455	12 707	10 203	3 307	1 566	344	121 600
70–74 years	7 994	21 412	16 172	3 307	3 408	2 363	470	51	55 177
75–79 years	4 178	6 328	5 207	1 538	1 742	434	155	30	19 612
80–84 years	1 282	915	1 056	468	473	139	50	4	4 387
85+ years	273	171	319	99	76	23	4	2	967
Not stated	–	–	–	–	–	–	–	–	–
40+ years	257 211	202 462	200 992	88 667	67 476	24 963	11 446	4 136	857 353
50–69 years	219 661	157 201	129 289	69 716	53 177	16 783	10 315	3 335	659 477

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2007									
First screening round									
<40 years	11	-	5	10	-	-	1	-	27
40-44 years	6 410	4 144	11 449	2 821	1 821	1 077	122	126	27 970
45-49 years	6 761	5 184	6 947	3 017	1 912	885	186	212	25 104
50-54 years	16 100	12 376	5 981	5 156	2 928	763	941	421	44 666
55-59 years	8 655	2 218	2 784	1 200	561	375	235	168	16 196
60-64 years	5 929	1 074	1 823	542	297	203	95	69	10 032
65-69 years	3 783	614	998	305	152	118	51	44	6 065
70-74 years	802	248	311	82	37	49	16	7	1 552
75-79 years	343	120	208	56	28	22	5	3	785
80-84 years	130	36	95	32	8	8	1	1	311
85+ years	39	19	25	11	3	3	-	-	100
Not stated	-	-	-	1	-	-	-	-	1
40+ years	48 952	26 033	30 621	13 222	7 747	3 503	1 652	1 051	132 781
50-69 years	34 467	16 282	11 586	7 203	3 938	1 459	1 322	702	76 959
Subsequent screening round									
<40 years	-	-	2	-	-	-	-	-	2
40-44 years	1 551	1 059	8 793	1 821	1 209	774	3	94	15 304
45-49 years	8 380	4 930	22 835	5 866	4 249	2 295	429	368	49 352
50-54 years	43 195	29 868	31 152	14 105	11 039	3 489	2 059	855	135 762
55-59 years	51 545	41 324	34 808	16 635	14 350	4 424	3 162	1 033	167 281
60-64 years	47 571	38 237	29 863	14 049	13 006	3 907	2 599	715	149 947
65-69 years	36 566	28 814	22 227	11 186	9 941	2 994	1 786	448	113 962
70-74 years	6 933	17 192	15 877	2 917	3 506	2 054	392	49	48 920

Table 12A.7

Table 12A.7 Number of women screened by BreastScreen Australia

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
75–79 years	3 264	6 744	4 923	1 359	1 810	458	154	17	18 729
80–84 years	1 026	929	1 023	396	555	128	38	5	4 100
85+ years	210	158	250	73	96	15	3	–	805
Not stated	–	–	–	–	–	–	–	–	–
40+ years	200 241	169 255	171 751	68 407	59 761	20 538	10 625	3 584	704 162
50–69 years	178 877	138 243	118 050	55 975	48 336	14 814	9 606	3 051	566 952
<i>First and subsequent rounds</i>									
<40 years	11	–	7	10	–	–	1	–	29
40–44 years	7 961	5 203	20 242	4 642	3 030	1 851	125	220	43 274
45–49 years	15 141	10 114	29 782	8 883	6 161	3 180	615	580	74 456
50–54 years	59 295	42 244	37 133	19 261	13 967	4 252	3 000	1 276	180 428
55–59 years	60 200	43 542	37 592	17 835	14 911	4 799	3 397	1 201	183 477
60–64 years	53 500	39 311	31 686	14 591	13 303	4 110	2 694	784	159 979
65–69 years	40 349	29 428	23 225	11 491	10 093	3 112	1 837	492	120 027
70–74 years	7 735	17 440	16 188	2 999	3 543	2 103	408	56	50 472
75–79 years	3 607	6 864	5 131	1 415	1 838	480	159	20	19 514
80–84 years	1 156	965	1 118	428	563	136	39	6	4 411
85+ years	249	177	275	84	99	18	3	–	905
Not stated	–	–	–	1	–	–	–	–	1
40+ years	249 193	195 288	202 372	81 629	67 508	24 041	12 277	4 635	836 943
50–69 years	213 344	154 525	129 636	63 178	52 274	16 273	10 928	3 753	643 911
– Nil or rounded to zero.									

Source: State and Territory governments (unpublished).

Table 12A.8

Table 12A.8 Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals 2006-07 (a), (b), (c)

AR-DRGs	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A Major procedures for malignant breast conditions									
No. separations	2 051	1 729	1 058	613	460	121	123	31	6 186
Separations/10 000	3.0	3.4	2.6	3.0	2.9	2.5	3.7	1.5	3.0
J07A Minor procedures for malignant breast conditions									
No. separations	668	598	439	207	162	54	30	13	2 171
Separations/10 000	1.0	1.2	1.1	1.0	1.0	1.1	0.9	0.6	1.0
J10Z Skin, subcutaneous tissue and breast plastic operating room procedures									
No. separations	2 170	1 687	1 324	725	906	166	77	54	7 109
Separations/10 000	3.2	3.3	3.2	3.5	5.8	3.4	2.3	2.5	3.4
J11Z Other skin, subcutaneous tissue and breast procedures									
No. separations	8 686	11 963	7 680	3 930	3 225	805	318	277	36 884
Separations/10 000	12.7	23.2	18.6	18.9	20.5	16.4	9.5	13.0	17.7
J62A Malignant breast disorders (Age >69 W CC) or W (Cat or Sev CC)									
No. separations	413	295	166	90	142	36	5	7	1 154
Separations/10 000	0.6	0.6	0.4	0.4	0.9	0.7	0.2	0.3	0.6
J62B Malignant breast disorders (Age>69 W/O CC) or W/O (Cat or Sev CC)									
No. separations	178	428	150	284	95	78	np	10	1 227
Separations/10 000	0.3	0.8	0.4	1.4	0.6	1.6	np	0.5	0.6
Total separations in public hospitals (d)									
No. separations	1 420 265	1 280 341	758 735	438 670	380 175	94 988	71 989	84 736	4 529 899
Separations/10 000	2 071.9	2 478.7	1 836.2	2 108.0	2 412.7	1 932.0	2 139.7	3 986.7	2 172.4

W=with, W/O=without, CC=complications and co-morbidities. Cat or Sev=catastrophic or severe.

(a) Care needs to be taken when comparing jurisdictions because admission practices vary.

(b) AR-DRG version 5.1.

Table 12A.8 **Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals 2006-07 (a), (b), (c)**

AR-DRGs	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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(c) Data in this table differ from that in table 12A.17 which is based on a sample from the National Hospital Cost Data Collection.

(d) The total includes separations for which the care type was reported as acute, or newborn with qualified patient days, or was not reported. Crude rate based on the Australian population as at 31 December 2006.

np Not published.

Source: AIHW (2008), *Australian Hospital Statistics 2006-07*.

Table 12A.9

**Table 12A.9 Participation rates of women in BreastScreen Australia
(24 month period) (a), (b)**

	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2002–2003									
40–44 years	15.9	5.6	23.8	9.6	10.4	15.1	4.4	8.2	13.5
45–49 years	29.8	11.2	38.0	22.3	22.1	31.2	19.3	20.0	25.2
50–54 years	46.9	55.4	55.2	52.8	62.8	54.4	51.7	39.9	52.7
55–59 years	52.6	59.4	59.5	56.8	63.8	62.1	59.0	47.7	57.3
60–64 years	54.2	60.2	60.6	58.3	64.9	61.0	61.0	46.0	58.4
65–69 years	52.1	58.1	60.4	56.6	62.6	60.5	57.1	43.3	56.6
70–74 years	43.3	49.7	51.5	17.7	22.8	37.1	15.2	34.3	41.8
75–79 years	31.5	14.3	16.8	8.3	11.7	8.9	7.1	21.2	19.9
80–84 years	15.3	2.9	4.9	3.0	3.7	3.1	3.2	15.3	7.8
85+ years	3.9	0.6	1.4	0.6	0.5	0.5	0.5	2.6	1.9
40+ years									
ASR	36.7	33.9	42.0	32.6	36.8	38.0	31.3	29.2	36.6
Ages 50–69									
ASR	50.9	58.0	58.4	55.7	63.5	59.0	56.6	43.9	55.8
2003–2004									
40–44 years	13.5	5.4	23.8	10.2	10.0	16.1	2.8	7.7	12.7
45–49 years	26.3	10.6	37.6	22.6	21.0	30.3	15.2	17.5	23.6
50–54 years	45.4	57.7	54.0	53.8	61.6	52.1	45.5	36.7	52.3
55–59 years	51.3	58.7	59.1	57.8	63.3	60.2	54.3	46.7	56.5
60–64 years	53.1	60.5	60.4	59.3	64.7	59.8	57.7	45.8	58.1
65–69 years	51.3	58.1	60.8	57.0	62.3	60.1	53.3	41.7	56.4
70–74 years	39.7	50.4	53.0	18.5	22.7	43.5	16.2	30.4	41.2
75–79 years	29.3	14.6	18.1	8.9	11.7	9.1	6.5	18.1	19.4
80–84 years	14.3	2.7	5.0	3.4	3.8	3.2	3.0	13.6	7.4
85+ years	3.6	0.5	1.4	0.6	0.6	0.5	0.6	3.0	1.8
40+ years									
ASR	34.7	34.1	41.9	33.2	36.3	37.8	28.2	27.4	35.9
Ages 50–69									
ASR	49.7	58.6	57.9	56.6	62.8	57.3	51.9	42.2	55.4
2004–2005									
40–44 years	8.8	6.3	25.2	11.3	10.7	19.7	1.1	6.7	11.9
45–49 years	16.6	11.4	38.1	22.5	21.3	33.4	12.0	16.6	20.8
50–54 years	47.9	55.8	55.0	52.7	60.7	52.3	46.4	36.0	52.7
55–59 years	52.7	57.2	59.2	56.7	61.4	60.9	59.5	44.9	56.4
60–64 years	54.5	60.9	60.5	58.4	63.5	60.2	61.4	44.8	58.5
65–69 years	53.3	58.1	60.3	57.2	62.3	59.2	59.6	42.3	57.1
70–74 years	24.4	50.8	53.0	19.4	23.1	47.7	20.6	17.6	36.3
75–79 years	17.2	15.3	18.4	9.6	12.5	10.5	7.7	11.2	15.5
80–84 years	8.0	2.9	4.8	3.5	4.0	3.4	3.1	7.9	5.2

Table 12A.9

**Table 12A.9 Participation rates of women in BreastScreen Australia
(24 month period) (a), (b)**

	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
85+ years	1.8	0.6	1.4	0.8	0.7	0.5	0.8	2.2	1.2
40+ years									
ASR	30.9	34.1	42.4	33.2	36.1	39.4	29.5	25.0	34.7
Ages 50–69									
ASR	51.5	57.7	58.2	55.8	61.8	57.5	55.4	41.4	55.7
2005–2006									
40–44 years	5.9	6.6	25.9	11.8	10.8	22.2	0.4	5.8	11.3
45–49 years	10.6	11.6	38.1	22.9	20.1	34.4	8.7	15.1	18.8
50–54 years	52.6	54.5	54.4	53.2	56.0	51.6	48.6	35.6	53.5
55–59 years	56.0	56.7	58.7	58.6	58.5	59.5	62.4	43.6	57.3
60–64 years	57.7	59.4	60.4	60.1	62.2	60.5	65.5	45.6	59.4
65–69 years	56.9	58.1	60.7	59.7	61.0	59.9	61.8	41.7	58.6
70–74 years	12.5	50.3	53.2	19.9	23.6	50.6	23.6	9.9	32.3
75–79 years	7.2	15.7	18.7	10.3	12.7	11.5	8.8	7.8	12.3
80–84 years	2.9	3.0	4.7	3.7	4.1	4.0	3.5	2.4	3.4
85+ years	0.6	0.6	1.4	0.9	0.7	0.6	0.6	0.9	0.8
40+ years									
ASR	29.4	33.7	42.4	34.1	34.6	40.1	30.4	23.4	34.1
Ages 50–69									
ASR	55.4	56.8	58.0	57.3	58.9	57.1	58.3	41.0	56.7
2006–2007									
40–44 years	6.4	5.8	25.4	11.4	10.0	21.2	1.1	5.1	11.0
45–49 years	12.0	10.9	37.4	22.4	19.4	32.7	8.4	13.5	18.8
50–54 years	52.7	53.1	52.3	54.3	51.2	48.0	50.8	35.3	52.4
55–59 years	56.9	55.8	57.7	58.3	56.7	57.3	60.1	43.3	56.9
60–64 years	58.8	59.0	59.6	59.6	59.9	57.8	61.5	43.1	59.1
65–69 years	57.6	57.8	59.5	60.1	58.6	57.1	58.9	41.3	58.2
70–74 years	13.4	45.3	52.7	19.3	23.9	48.9	18.7	9.0	31.1
75–79 years	7.2	16.9	18.5	10.6	12.9	11.6	8.6	6.1	12.6
80–84 years	2.8	2.9	4.7	4.1	4.4	4.3	2.7	2.0	3.5
85+ years	0.7	0.6	1.3	0.9	0.8	0.7	0.3	0.6	0.8
40+ years									
ASR	30.1	32.8	41.6	34.0	33.1	38.2	29.5	22.5	33.7
Ages 50–69									
ASR	56.0	55.9	56.6	57.5	55.8	54.2	57.0	40.2	56.1

ASR = age standardised rate.

(a) Rates are expressed as the percentage of the eligible female population. Rates for '40 plus years' and '50–69 years' are age standardised to the 2001 Australian population standard.

**Table 12A.9 Participation rates of women in BreastScreen Australia
(24 month period) (a), (b)**

	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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(b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing.

(c) Residents of Victorian postcodes allocated to the Albury/Wodonga catchment (NSW jurisdiction) are included in Victoria's population estimate, accounting for the slight decrease in participation rates compared to those published by BreastScreen Victoria.

Source: State and Territory governments (unpublished); ABS (2008), *Population by Age and Sex, Australian States and Territories, June 2002-2007*, Cat. no. 3201.0.

Table 12A.10

Table 12A.10 Participation rates of Indigenous women screened by BreastScreen Australia (24 month period) (first and subsequent rounds) (per cent) (a), (b)

	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2002–2003									
Aged 40–49 years	14.7	6.0	30.1	12.5	8.8	13.7	6.1	9.0	16.8
Aged 50–59 years	35.0	52.6	52.4	35.4	38.9	23.4	42.9	21.8	38.7
Aged 60–69 years	46.2	48.5	55.6	48.3	44.6	40.0	75.0	20.8	45.1
Aged 70–79 years	33.0	34.0	36.4	26.9	14.0	22.9	–	15.2	29.1
Aged 80+ years	9.1	2.4	3.2	7.0	1.7	4.0	na	10.4	6.1
Age 40+ years (ASR)	28.0	30.0	39.8	26.8	23.7	21.6	na	15.6	28.8
Age 50–69 years (ASR)	39.4	50.9	53.6	40.5	41.2	29.9	55.5	21.4	41.2
2003–2004									
Aged 40–49 years	12.2	5.5	28.3	11.4	6.1	15.1	4.2	7.9	15.2
Aged 50–59 years	31.8	45.7	49.8	29.7	32.9	38.8	28.9	23.0	36.4
Aged 60–69 years	41.9	44.1	50.0	42.7	38.7	37.2	47.8	22.2	41.2
Aged 70–79 years	29.4	28.2	37.1	24.4	14.3	na	na	13.5	27.5
Aged 80+ years	10.6	2.4	3.3	5.5	1.6	na	na	6.2	5.7
Age 40+ years (ASR)	25.2	26.4	37.5	23.4	20.1	na	na	15.3	26.7
Age 50–69 years (ASR)	35.8	45.1	49.9	34.8	35.1	38.2	36.3	22.7	38.3
2004–2005									
Aged 40–49 years	7.4	4.1	27.0	12.2	7.5	17.7	4.9	6.4	13.4
Aged 50–59 years	29.9	35.8	49.1	26.9	31.3	36.6	35.2	22.7	34.5
Aged 60–69 years	40.2	39.7	51.9	35.3	36.0	32.4	59.5	23.8	40.0
Aged 70–79 years	16.6	26.0	36.4	23.2	13.4	na	na	10.8	22.5
Aged 80+ years	7.8	3.7	5.3	6.6	2.9	na	na	2.4	5.5
Age 40+ years (ASR)	20.8	22.2	37.3	21.5	19.6	na	na	14.3	24.7
Age 50–69 years (ASR)	33.9	37.3	50.2	30.2	33.1	34.9	44.8	23.2	36.7
2005–2006									
Aged 40–49 years	4.9	3.0	25.8	12.4	7.3	17.2	3.7	5.8	12.2
Aged 50–59 years	33.7	32.3	48.9	27.0	30.7	32.5	44.1	23.2	35.3
Aged 60–69 years	46.0	41.6	51.4	36.2	32.3	33.9	60.0	26.5	42.1
Aged 70–79 years	11.4	28.3	33.5	22.1	11.1	21.2	5.3	10.1	19.6
Aged 80+ years	3.3	2.6	5.9	7.1	3.1	6.3	28.6	1.7	4.6
Age 40+ years (ASR)	21.0	21.4	36.4	21.7	18.4	24.2	26.9	14.6	24.4
Age 50–69 years (ASR)	38.6	35.9	49.9	30.6	31.3	33.0	50.4	24.5	38.0
2006–2007									
Aged 40–49 years	6.2	3.4	26.2	14.2	9.1	13.6	2.7	5.7	12.9
Aged 50–59 years	37.3	29.8	49.3	29.7	33.0	30.7	37.1	26.1	37.1
Aged 60–69 years	48.4	45.7	55.3	42.2	38.7	32.3	36.0	27.2	45.2
Aged 70–79 years	14.1	28.8	36.7	20.8	12.6	25.7	10.0	11.6	21.7
Aged 80+ years	3.9	–	6.9	10.7	7.7	na	na	2.1	5.7
Age 40+ years (ASR)	23.2	21.5	37.8	24.2	21.3	na	na	15.7	26.1
Age 50–69 years (ASR)	41.7	36.1	51.6	34.7	35.3	31.3	36.6	26.5	40.3

Table 12A.10 Participation rates of Indigenous women screened by BreastScreen Australia (24 month period) (first and subsequent rounds) (per cent) (a), (b)

	NSW	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT	Aust
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ASR = age standardised rate.

- (a) The participation rate is the number of women resident in the catchment area screened in the reference period, divided by the number of women resident in the catchment area in the reference period based on Australian Bureau of Statistics (ABS) ERP data. Where service boundaries cross State localised areas, calculation of resident women is made on a proportional basis. If a woman is screened more than once during the reference period then only the first screen is counted. Catchment area: a geographic region based on service size in relation to the population, accessibility and the location of other services. It is uniquely defined for each service based on postcode or Statistical Local Area. Reference period is 24 months.
- (b) Indigenous is defined as women who have self-identified as being Aboriginal or Torres Strait Islander.
- (c) Residents of Victorian postcodes allocated to the Albury/Wodonga catchment (NSW jurisdiction) are included in Victoria's population estimate, accounting for the slight decrease in participation rates compared to those published by BreastScreen Victoria.
- (d) For Indigenous women in Queensland, the 70–79 age category includes all women aged over 70 years.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished); ABS (unpublished), derived from *Experimental Estimates And Projections, Aboriginal And Torres Strait Islander Australians, 1991 to 2009*, Cat. no. 3238.0.

Table 12A.11

Table 12A.11 Participation rates of NESB women screened by BreastScreen Australia (24 month period) (first and subsequent rounds) (per cent) (a), (b), (c)

	<i>NSW</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (e)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2002–2003									
Aged 40–49 years	16.6	4.8	32.4	16.7	13.9	17.0	13.8	10.7	14.3
Aged 50–59 years	38.9	36.7	62.8	58.0	59.6	41.2	64.0	28.5	43.4
Aged 60–69 years	44.0	44.5	68.2	62.3	62.9	52.9	75.9	26.3	49.3
Aged 70–79 years	25.6	21.0	36.1	11.2	11.4	18.1	12.8	11.7	22.1
Aged 80+ years	5.5	1.0	2.7	1.6	1.4	2.5	1.8	3.5	2.9
Aged 40+ years (ASR)	28.1	22.7	45.6	34.4	34.0	29.2	37.7	18.0	28.8
Aged 50–69 years (ASR)	40.9	39.8	65.0	59.7	60.9	45.8	68.7	27.7	45.7
2003–2004									
Aged 40–49 years	15.9	3.9	32.3	17.7	12.9	18.3	9.9	11.4	13.7
Aged 50–59 years	40.0	35.7	62.1	60.6	61.2	42.5	52.2	37.3	43.9
Aged 60–69 years	47.3	45.9	73.0	70.5	70.1	55.3	60.0	43.5	52.7
Aged 70–79 years	24.9	20.5	39.3	12.5	11.4	22.0	8.0	20.7	22.1
Aged 80+ years	5.6	0.8	2.6	1.7	1.2	2.5	1.2	5.8	2.9
Aged 40+ years (ASR)	28.7	22.2	46.7	37.1	35.4	31.0	29.6	25.1	29.4
Aged 50–69 years (ASR)	42.9	39.7	66.4	64.5	64.7	47.5	55.3	39.7	47.3
2004–2005									
Aged 40–49 years	10.9	4.3	33.6	17.9	14.1	18.4	6.8	10.2	11.8
Aged 50–59 years	42.5	34.4	64.0	59.8	60.0	42.2	53.1	36.4	44.5
Aged 60–69 years	48.5	44.6	72.2	67.0	66.1	55.1	61.2	42.7	52.0
Aged 70–79 years	16.1	21.8	40.4	13.4	12.1	24.9	10.2	12.2	19.6
Aged 80+ years	3.6	0.8	2.8	1.8	1.4	2.2	1.6	3.9	2.2
Aged 40+ years (ASR)	26.5	21.9	47.6	36.5	34.8	31.3	29.4	23.1	28.4
Aged 50–69 years (ASR)	44.8	38.4	67.2	62.7	62.4	47.3	56.3	38.9	47.4
2005–2006									
Aged 40–49 years	8.2	4.4	34.3	18.3	14.7	15.6	4.9	9.2	10.8
Aged 50–59 years	50.3	33.9	65.2	62.7	55.5	31.7	49.1	36.3	47.5
Aged 60–69 years	52.9	43.2	69.7	68.9	62.4	43.1	56.9	42.5	52.6
Aged 70–79 years	8.5	23.0	40.4	13.6	12.9	24.2	12.9	9.2	17.3
Aged 80+ years	1.6	0.8	2.9	2.1	1.5	2.2	1.9	1.6	1.5
Aged 40+ years (ASR)	27.3	21.7	47.8	37.8	33.3	25.2	27.2	22.1	28.6
Aged 50–69 years (ASR)	51.3	37.5	67.0	65.1	58.2	36.2	52.2	38.8	49.5
2006–2007									
Aged 40–49 years	9.2	4.2	33.9	17.7	13.5	8.3	2.5	8.7	10.9
Aged 50–59 years	54.5	33.2	63.2	63.0	51.9	18.2	34.0	36.1	48.3
Aged 60–69 years	55.1	41.4	67.8	67.6	57.3	28.3	36.5	38.4	51.7
Aged 70–79 years	8.5	23.2	40.1	13.1	12.9	19.8	6.7	9.2	17.2
Aged 80+ years	1.6	1.0	2.8	2.1	1.3	1.7	0.8	1.6	1.5
Aged 40+ years (ASR)	29.2	21.2	46.7	37.4	30.9	15.7	17.7	21.1	28.7
Aged 50–69 years (ASR)	54.7	36.5	65.0	64.8	54.0	22.2	35.0	37.0	49.7

Table 12A.11 Participation rates of NESB women screened by BreastScreen Australia (24 month period) (first and subsequent rounds) (per cent) (a), (b), (c)

	NSW	Vic (d)	Qld	WA	SA	Tas (e)	ACT	NT	Aust
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ASR = age standardised rate.

- (a) Reference period is 24 months. The participation rate is the number of NESB women residents in the catchment area screened in the reference period, divided by the estimated number of NESB women resident in the catchment area in that period. The female NESB population estimate is derived by applying the NESB age distribution from the 2001 Census to the Australian Bureau of Statistics (ABS) female ERP data for the relevant year. Where service boundaries cross State localised areas, calculation of resident women is made on a proportional basis. If a woman is screened more than once during the reference period then only the first screen is counted. Catchment area: a geographic region based on service size in relation to the population, accessibility and the location of other services. It is uniquely defined for each service based on postcode or Statistical Local Area.
- (b) NESB is defined as persons who speak a language other than English at home.
- (c) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing.
- (d) Residents of Victorian postcodes allocated to the Albury/Wodonga catchment (NSW jurisdiction) are included in Victoria's population estimate, accounting for the slight decrease in participation rates compared to those published by BreastScreen Victoria.
- (e) Participation rates for NESB women may be understated due to a change in the BreastScreen Tasmania client registration form in the 2005–2006 screening period. NESB status from previous screening episodes is not retained by the database.

Source: State and Territory governments (unpublished); ABS (unpublished), derived from *2006 Census of Population and Housing*.

Table 12A.12

Table 12A.12 Participation rates of women screened by BreastScreen Australia, by geographic location (24 month period) (first and subsequent rounds) (per cent) (a), (b), (c), (d), (e), (f)

	<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</i>
2004–2005									
Major Cities									
Aged 40–49 years	12.5	8.7	31.0	16.3	15.3	na	6.3	na	14.9
Aged 50–59 years	48.9	56.9	54.9	53.7	60.5	na	51.6	na	53.7
Aged 60–69 years	51.8	59.7	57.2	56.3	61.3	na	60.4	na	56.4
Aged 70–79 years	20.7	32.9	34.8	13.6	15.8	na	14.6	na	24.8
Aged 80+ years	5.1	1.6	3.0	1.9	2.1	na	2.1	na	3.2
Age 40+ years (ASR)	30.1	34.1	40.9	32.3	35.1	na	29.2	na	33.6
Age 50–69 years (ASR)	49.9	58.0	55.7	54.6	60.8	na	54.8	na	54.7
Inner Regional									
Aged 40–49 years	12.6	8.6	29.4	15.1	15.7	24.9	10.0	na	16.9
Aged 50–59 years	53.9	54.2	59.5	55.7	61.3	55.7	65.6	na	56.1
Aged 60–69 years	59.1	59.3	64.9	62.7	68.0	58.7	66.4	na	61.3
Aged 70–79 years	21.1	34.6	38.4	18.2	21.2	29.2	8.6	na	28.8
Aged 80+ years	4.8	2.1	3.2	2.9	2.6	1.8	34.7	na	3.3
Age 40+ years (ASR)	32.8	33.5	43.4	34.2	37.4	38.4	..	na	36.3
Age 50–69 years (ASR)	55.8	56.2	61.5	58.2	63.9	56.7	65.8	na	58.0
Outer Regional									
Aged 40–49 years	14.4	11.6	36.4	16.3	19.9	28.7	na	9.7	22.8
Aged 50–59 years	55.5	58.3	62.7	57.9	65.1	57.1	na	39.8	57.9
Aged 60–69 years	60.0	62.5	65.2	62.7	68.9	60.8	na	49.4	62.3
Aged 70–79 years	23.3	38.5	40.2	18.3	24.5	31.9	na	16.3	30.5
Aged 80+ years	5.3	3.1	3.8	3.4	3.4	2.6	na	4.3	4.0
Age 40+ years (ASR)	34.4	36.8	47.0	35.3	40.5	40.7	na	25.5	39.2
Age 50–69 years (ASR)	57.0	59.9	63.6	59.7	66.4	58.3	na	43.5	59.5
Remote									
Aged 40–49 years	20.2	23.1	38.7	23.9	21.1	35.0	na	17.6	25.7
Aged 50–59 years	52.4	71.9	62.4	54.2	68.0	59.7	na	47.3	55.9
Aged 60–69 years	56.9	74.0	65.0	60.7	71.3	58.1	na	44.4	60.9
Aged 70–79 years	27.7	51.6	41.7	21.7	30.7	32.6	na	17.3	31.2
Aged 80+ years	7.3	7.5	5.9	3.8	6.6	2.4	na	7.8	5.9
Age 40+ years (ASR)	35.7	48.4	47.9	37.0	43.2	42.6	na	29.7	39.6
Age 50–69 years (ASR)	54.1	72.5	63.4	56.7	69.1	58.6	na	46.0	57.8
Very remote									
Aged 40–49 years	21.6	na	41.4	23.4	23.0	48.1	na	11.4	24.7
Aged 50–59 years	60.5	na	57.3	47.2	52.2	73.9	na	35.1	45.2
Aged 60–69 years	67.6	na	60.6	46.4	50.1	69.0	na	25.8	47.0
Aged 70–79 years	35.3	na	35.7	25.9	22.7	37.1	na	7.5	27.3
Aged 80+ years	10.4	na	3.2	5.4	4.1	9.8	na	3.1	4.5

Table 12A.12

Table 12A.12 Participation rates of women screened by BreastScreen Australia, by geographic location (24 month period) (first and subsequent rounds) (per cent) (a), (b), (c), (d), (e), (f)

	<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</i>
Age 40+ years (ASR)	42.0	na	45.7	33.3	34.3	55.5	na	19.5	33.3
Age 50–69 years (ASR)	63.7	na	58.6	46.8	51.2	71.8	na	31.6	45.9
2005–2006									
Major Cities									
Aged 40–49 years	8.2	8.9	31.3	16.6	14.8	na	5.0	na	13.4
Aged 50–59 years	52.7	55.6	54.0	55.3	56.3	na	54.4	na	54.4
Aged 60–69 years	55.2	59.0	57.7	59.3	60.7	na	61.0	na	57.7
Aged 70–79 years	9.5	32.3	34.3	14.1	16.1	na	13.1	na	20.6
Aged 80+ years	1.8	1.6	3.0	2.1	2.2	na	1.9	na	2.0
Age 40+ years (ASR)	28.6	33.5	40.8	33.4	33.7	na	29.4	na	32.8
Age 50–69 years (ASR)	53.6	56.9	55.4	56.7	58.0	na	56.8	na	55.6
Inner Regional									
Aged 40–49 years	7.8	9.0	29.2	15.7	15.2	27.2	6.7	na	15.6
Aged 50–59 years	58.6	54.6	58.1	56.5	59.9	54.3	117.8	na	57.1
Aged 60–69 years	63.5	59.7	64.9	64.0	69.1	59.5	90.1	na	63.0
Aged 70–79 years	10.4	34.9	38.5	17.4	21.1	30.7	14.3	na	25.3
Aged 80+ years	1.5	2.3	3.1	3.2	2.9	2.0	20.6	na	2.2
Age 40+ years (ASR)	31.6	33.8	42.9	34.8	37.0	39.1	..	na	35.8
Age 50–69 years (ASR)	60.4	56.5	60.6	59.2	63.3	56.2	107.9	na	59.3
Outer Regional									
Aged 40–49 years	9.4	12.2	36.5	15.7	19.0	29.2	na	9.6	21.9
Aged 50–59 years	57.2	59.0	62.4	57.5	61.7	56.6	na	42.3	58.8
Aged 60–69 years	61.4	64.1	65.8	62.1	66.9	62.5	na	51.4	63.5
Aged 70–79 years	11.9	38.6	39.8	19.6	23.8	33.9	na	7.6	27.1
Aged 80+ years	2.2	3.2	3.7	3.4	3.4	3.2	na	1.2	3.0
Age 40+ years (ASR)	31.6	37.4	47.0	35.1	38.8	41.3	na	25.1	38.8
Age 50–69 years (ASR)	58.7	60.9	63.7	59.2	63.5	58.6	na	45.8	60.5
Remote									
Aged 40–49 years	11.8	9.2	38.1	23.8	20.9	32.3	na	14.9	24.7
Aged 50–59 years	54.0	45.7	61.4	54.7	66.1	58.4	na	47.2	57.4
Aged 60–69 years	58.0	56.5	64.8	62.3	71.9	60.8	na	51.0	62.9
Aged 70–79 years	13.6	31.8	41.4	23.8	30.8	34.8	na	13.7	28.5
Aged 80+ years	4.5	6.0	5.4	5.0	6.2	1.9	na	2.5	5.1
Age 40+ years (ASR)	31.4	30.5	47.2	37.8	42.6	42.2	na	29.1	39.6
Age 50–69 years (ASR)	55.6	49.7	62.7	57.7	68.1	59.0	na	48.5	59.5
Very remote									
Aged 40–49 years	12.4	na	40.9	25.6	22.8	50.4	na	8.4	25.0
Aged 50–59 years	61.6	na	55.9	48.9	53.6	71.9	na	27.9	47.1

Table 12A.12 Participation rates of women screened by BreastScreen Australia, by geographic location (24 month period) (first and subsequent rounds) (per cent) (a), (b), (c), (d), (e), (f)

	<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</i>
Aged 60–69 years	66.5	na	58.6	48.5	53.1	70.6	na	24.4	48.6
Aged 70–79 years	18.7	na	35.3	27.9	24.9	39.5	na	7.6	26.5
Aged 80+ years	6.1	na	3.3	5.4	5.6	15.6	na	1.3	4.4
Age 40+ years (ASR)	36.2	na	44.7	35.1	35.6	57.5	na	16.2	34.0
Age 50–69 years (ASR)	63.8	na	56.9	48.6	53.3	71.3	na	26.8	47.6

ASR = age standardised rate.

- (a) Participation rates are the number of women screened as a percentage of the eligible female population, calculated as the average of the estimated resident population (ERP). Rates for '40 plus years' and '50–69 years' are age standardised to the Australian population at 30 June 2001.
- (b) Periods are from 1 January at commencement to 31 December at end of the 24 month period.
- (c) Geographical locations are defined using the Australian Standard Geographical Classification (AGSC) based on the ABS *2001 Census of population and housing*.
- (d) Allocation of women to regional categories is based on postcode of residence, using postcode–region concordances based on the ABS *2001 Census of population and housing*.
- (e) ABS ERP by ASGC remoteness area is based on *2001 Census of population and housing* geographical boundaries for 2004 and 2005, and on *2006 Census of population and housing* geographical boundaries for 2006. The eligible female population for the 2004–2005 period is calculated as the average ABS ERP. For the 2005–2006 period, it is calculated as the average of the 2005 ABS ERP and an estimate of 2006 ERP according to 2001 Census geographical boundaries, based on previous population patterns.
- (f) Women who are screened in a jurisdiction not their own, and who reside in an ASGC remoteness area not represented in the screening jurisdiction, are excluded from data for that jurisdiction, but included in national data. Therefore, data may underestimate participation rates for some jurisdictions.

na Not available. ... Not applicable.

Source: AIHW (unpublished), derived from state and territory data and ABS *2001 Census of population and housing*.

Table 12A.13

Table 12A.13 Rate of cancers detected without the need for open biopsies, all women (per cent)

	<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</i>
2003									
First round	83.5	89.9	75.4	89.6	94.6	65.0	100.0	100.0	84.3
Subsequent round	84.3	92.9	78.4	93.4	91.4	82.1	96.1	86.7	86.5
All rounds	84.1	92.3	77.8	92.5	91.8	79.6	96.6	89.5	86.1
2004									
First round	84.9	93.5	83.1	90.3	94.8	79.2	87.5	100.0	87.8
Subsequent round	81.1	95.6	81.7	93.8	91.9	93.3	93.3	100.0	87.2
All rounds	81.7	95.2	82.0	93.1	92.4	91.0	92.6	100.0	87.3
2005									
First round	89.4	91.1	89.0	93.3	90.6	100.0	100.0	100.0	90.8
Subsequent round	86.4	93.7	87.5	95.1	92.3	89.7	96.4	79.2	90.2
All rounds	87.0	93.3	87.8	94.7	92.0	91.8	97.1	82.8	90.3
2006									
First round	83.8	92.7	88.9	93.2	93.0	88.9	100.0	100.0	89.0
Subsequent round	85.5	93.7	86.7	93.9	93.3	93.2	100.0	73.3	89.6
All rounds	85.2	93.5	87.1	93.8	93.3	92.3	100.0	81.8	89.5
2007									
First round	89.1	92.0	88.6	90.7	86.8	100.0	100.0	100.0	90.2
Subsequent round	89.3	94.8	89.0	94.2	91.4	95.7	98.1	87.5	91.5
All rounds	89.2	94.4	88.9	93.5	91.0	96.4	98.5	92.3	91.3

Source: State and Territory governments (unpublished).

Table 12A.14

Table 12A.14 Real cost per woman screened (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA (f) (g)	Tas (h)	ACT (i)	NT	Aust
2003-04										
Labour costs	\$'000	23 714	11 536	16 627	4 979	4 439	1 750	1 383	588	65 017
Materials and supplies	\$'000	3 911	7 072	2 370	624	2 714	..	325	68	17 085
Accommodation	\$'000	794	837	705	657	413	24	144	96	3 669
Other recurrent	\$'000	8 923	7 222	3 666	4 465	510	709	204	417	26 116
Depreciation & amortization	\$'000	1 151	1 248	1 491	296	639	..	45	78	4 949
User cost of capital	\$'000	541	na	609	-	138	..	15	na	1 304
Other costs	\$'000	na	na	-	-	-	1 675	-	na	1 675
Total cost	\$'000	39 034	27 915	25 470	11 021	8 853	4 157	2 116	1 248	119 815
Number of women screened	no.	289 941	188 782	184 689	80 314	71 574	22 496	10 487	4 661	852 944
Cost per woman screened	\$	134.63	147.87	137.91	137.22	123.69	184.81	201.77	267.84	140.47
2004-05										
Labour costs	\$'000	22 691	11 261	17 358	4 952	4 362	2 508	1 769	558	65 460
Materials and supplies	\$'000	3 159	6 906	2 365	582	2 987	240	293	186	16 719
Accommodation	\$'000	710	982	701	766	468	430	154	88	4 299
Other recurrent	\$'000	7 253	6 900	2 692	4 304	442	997	277	177	23 042
Depreciation & amortization	\$'000	2 151	1 287	1 808	232	579	na	41	37	6 134
User cost of capital	\$'000	600	na	701	-	3	na	16	65	1 386
Other costs	\$'000	na	na	-	-	-	na	-	na	-
Total cost	\$'000	36 564	27 336	25 626	10 836	8 841	4 175	2 551	1 111	117 039
Number of women screened	no.	239 153	198 743	193 907	77 168	69 177	24 651	10 667	4 392	817 858
Cost per woman screened	\$	152.89	137.54	132.15	140.42	127.81	169.35	239.18	252.90	143.10
2005-06										
Labour costs	\$'000	22 707	16 071	19 306	5 262	5 688	2 731	1 390	593	73 748
Materials and supplies	\$'000	2 989	2 625	2 270	354	1 979	234	220	231	10 903

Table 12A.14

Table 12A.14 Real cost per woman screened (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA (f) (g)	Tas (h)	ACT (i)	NT	Aust
Accommodation	\$'000	734	1 036	758	644	426	430	238	40	4 307
Other recurrent	\$'000	7 204	7 314	2 411	4 066	442	889	189	201	22 716
Depreciation & amortization	\$'000	2 201	1 722	1 747	98	370	na	66	39	6 243
User cost of capital	\$'000	819	na	779	-	34	na	31	na	1 662
Other costs	\$'000	na	na	-	-	11	na	-	na	11
Total cost	\$'000	36 653	28 768	27 272	10 424	8 950	4 284	2 134	1 105	119 589
Number of women screened	no.	249 992	197 627	203 477	86 414	69 107	25 668	11 495	4 325	848 105
Cost per woman screened	\$	146.62	145.57	134.03	120.63	129.51	166.88	185.67	255.42	141.01
2006-07										
Labour costs	\$'000	25 253	16 363	19 082	6 215	6 524	2 685	1 440	576	78 138
Materials and supplies	\$'000	3 132	4 085	2 354	404	745	166	206	202	11 294
Accommodation	\$'000	778	1 251	680	668	665	427	141	36	4 647
Other recurrent	\$'000	7 159	7 119	2 228	3 869	596	858	262	177	22 269
Depreciation & amortization	\$'000	2 521	1 791	1 850	289	174	na	72	44	6 740
User cost of capital	\$'000	745	na	783	-	17	na	25	na	1 570
Other costs	\$'000	na	na	na	-	99	na	-	na	99
Total cost	\$'000	39 589	30 608	26 978	11 444	8 819	4 136	2 147	1 035	124 756
Number of women screened	no.	253 866	202 462	201 311	86 285	67 077	23 976	11 965	4 333	851 275
Cost per woman screened	\$	155.94	151.18	134.01	132.63	131.47	172.52	179.41	238.96	146.55
2007-08										
Labour costs	\$'000	25 963	16 784	20 132	6 238	6 797	2 870	1 335	598	80 717
Materials and supplies	\$'000	2 738	4 040	2 198	584	595	151	208	355	10 869
Accommodation	\$'000	862	1 243	693	722	469	363	134	59	4 545
Other recurrent	\$'000	8 579	7 148	1 062	4 189	1 350	780	524	147	23 779
Depreciation & amortization	\$'000	2 837	1 864	1 750	243	122	na	68	68	6 952

Table 12A.14

Table 12A.14 Real cost per woman screened (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA (f) (g)	Tas (h)	ACT (i)	NT	Aust
User cost of capital	\$'000	947	na	1 239	-	12	na	36	na	2 234
Other costs	\$'000	na	na	-	-	125	na	na	na	125
Total cost	\$'000	41 926	31 079	27 074	11 976	9 470	4 164	2 305	1 227	129 221
Number of women screened	no.	245 637	195 288	210 860	82 398	71 047	24 041	11 760	na	841 031
Cost per woman screened	\$	170.68	159.14	128.40	145.34	133.29	173.20	196.00	na	153.65

(a) The cost per woman screened is the total cost of providing breast screening services, (including screen taking, reading X-rays, assessment, recruitment, data collection and service management), divided by the number of women screened.

(b) Constant price expenditure (2007-08 dollars) using Gross Domestic Product price deflator as the deflator, see table AA.26.

(c) Expenditure reported does not include subsidisation as an accurate estimation of subsidisation in NSW is not possible. Where screening is contracted out to private radiology practices, expenditure for contracted screens is included in other recurrent costs. State coordination unit expenditure does not include expenditure for the development of the BreastScreen Information System.

(d) The number of women screened for Victoria are per calendar year. Women screened by BreastScreen NSW on Victoria's behalf are included as the cost base is inclusive of these charges.

(e) 'Other recurrent' includes capital replacement costs.

(f) Prior to 2005-2006 Visiting Medical specialist services were provided by contractors. From 1 July 2005 Visiting Medical specialists were employed by BreastScreen SA, and funds were transferred from goods and services into salaries and wages accordingly. This is reflected in increased labour costs and decreased materials and supplies costs, from 2005-2006.

(g) A small number of women who are eligible for annual screening may be screened more than once in a financial year. Therefore, data reported against the number of women screened are actually the number of screening mammograms performed, as this is a more appropriate measure for determining the cost per mammogram.

(h) Tasmanian data includes all costs, but they cannot be broken down to the headings requested due to service delivery structure.

(i) ACT 2007-08 data for 'labour costs', 'other costs' and 'number of women screened' are preliminary.

na Not available. .. Not applicable. - Nil or rounded to zero.

Source: State and Territory governments (unpublished); table AA.26.

Table 12A.15

Table 12A.15 Scope of activities and expenditure items included in cost per woman screened calculations

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (a)
SCOPE OF ACTIVITIES COVERED								
Screen taking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reading x-rays	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Biopsies (b)	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Assessment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Promotion of program and recruitment of women	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data collection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service management and administration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is the scope of activities limited to BreastScreen only (i.e., excludes Coordination Unit costs and Department of health costs)? (c)	Yes	No	Yes	No	Yes	No	Yes	No
If not, are costs associated with personnel, buildings and equipment that are used jointly for other activities allocated (for example, pro-rata based on direct costs of FTE staffing, activity based costing or a departmental based costing formula).	Yes	na	Yes	Yes	..	Yes	Yes	Yes
EXPENDITURE INCLUDED								
Are the direct and indirect cost categories outlined below the main drivers of costs (cost centres)?	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Direct costs (costs directly attributable)								
Labour costs			Yes	Yes	Yes	Yes	Yes	Yes
Salaries and payments in the nature of salaries	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Payroll tax			Yes	No	No	Yes	na	Yes
Long-service leave entitlements	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Superannuation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Workers' compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cost of materials and supplies (including office stationery, film and medical supplies)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accommodation costs (rental costs, as well as energy and lighting)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 12A.15

Table 12A.15 Scope of activities and expenditure items included in cost per woman screened calculations

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (a)
Other recurrent costs (including outsourced pathology services, repairs and maintenance, utility costs and other costs not covered above)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Depreciation and amortisation. Depreciation cost of non-current physical assets and the amortization of leases for each of the following categories:	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Buildings and building fixtures (for both breast screening services and administration)	Yes	Yes	Yes	No	Yes	No	Yes	No
Vehicles (including vehicles used as part of mobile screening operations)	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Equipment (including both medical and IT equipment not fixed to buildings and mobile screening units)	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
User cost of capital		na	Yes	na	Yes	No	Yes	na
Is this calculated as 0.08*depreciated current asset value of non-current physical assets (buildings, fixtures, plant and equipment directly attributable to BreastScreen services) less interest paid on borrowings?	Yes		Yes	..	Yes	..	Yes	na
Indirect costs (for example, departmental overheads)	No		Yes	No	No	No		
If indirect costs are included, how are they allocated?	..		Yes	..	..	..	na	..
Pro-rata (for example, based on direct costs of FTE staffing)	..	Yes	Yes	..	..	..	na	..
Activity based costing	..	Yes	Yes	..	..	..	na	..
Formula (not covered by the above)	..	No	Yes	..	..	..	na	..
Other (for example, based on judgement)	..	Yes	Yes	..	..	..	na	..
Subsidies								
Are any subsidies received for providing breast screening services, and if so in what form (for example, direct monetary subsidies, below market rents, gifts)	Yes	No	Yes	No	No	No	na	No
If subsidies are received, are they included in cost calculations?	No	..	No	Yes	..	..	na	..
Can the value of the subsidy be accurately estimated?	No	..	No	na	..	..	na	..
Have all costs been estimated on an accrual basis? If not please indicate where not.	Yes	Yes	Yes	Yes	Yes	..	Yes	Yes

FTE=Full time equivalent

(a) Accommodation costs for the NT are for locum staff only.

Table 12A.15

Table 12A.15 Scope of activities and expenditure items included in cost per woman screened calculations

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (a)
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(b) Includes fine needle aspiration and core biopsies. Except for Queensland, WA, SA, Tasmania and the ACT, also includes open biopsies conducted under the Breast Screen Australia Program.

(c) For SA, Victoria, Queensland, and WA the scope of activities excludes Department of Health costs, but includes State Coordination Unit costs.
na Not available. .. Not applicable.

Source : State and Territory governments (unpublished).

Table 12A.16

Table 12A.16 **Breast conserving surgery to mastectomy (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</i>
2003									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	98	29	59	22	15	6	3	2	234
>10mm to 15mm	99	34	53	22	12	3	7	2	232
Over 15mm	186	85	131	74	41	1	6	2	526
Unknown size (invasive)	6	4	1	–	–	1	–	–	12
DCIS	79	33	45	36	16	4	3	2	218
Total	468	185	289	154	84	15	19	8	1 222
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	337	266	236	96	117	30	11	2	1 095
>10mm to 15mm	273	165	149	63	82	18	6	5	761
Over 15mm	258	176	160	86	75	–	10	4	769
Unknown size (invasive)	8	13	1	–	4	–	1	–	27
DCIS	179	176	153	84	44	23	11	–	670
Total	1 055	796	699	329	322	71	39	11	3 322
Ratio	2.3	4.3	2.4	2.1	3.8	4.7	2.1	1.4	2.7
2004									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	85	35	79	28	22	4	6	3	262
>10mm to 15mm	91	30	61	20	10	2	3	1	218
Over 15mm	178	80	118	60	42	9	9	1	497
Unknown size (invasive)	5	1	–	–	–	–	1	1	8
DCIS	80	36	51	31	19	8	3	3	231
Total	439	182	309	139	93	23	22	9	1 216
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	333	254	234	104	102	35	14	7	1 083
>10mm to 15mm	259	228	160	76	63	13	8	3	810
Over 15mm	277	221	164	76	72	20	3	4	837
Unknown size (invasive)	12	9	–	–	3	–	1	2	27
DCIS	188	178	165	64	57	20	6	3	681
Total	1 069	890	723	320	297	88	32	19	3 438
Ratio	2.4	4.9	2.3	2.3	3.2	3.8	1.5	2.1	2.8
2005									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	51	37	61	33	20	4	5	1	212
>10mm to 15mm	64	31	61	26	16	8	4	1	211
Over 15mm	141	104	133	72	48	16	11	4	529

Table 12A.16

Table 12A.16 **Breast conserving surgery to mastectomy (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</i>
Unknown size (invasive)	1	4	–	–	–	1	–	–	6
DCIS	60	37	47	46	13	5	2	2	212
Total	317	213	302	177	97	34	22	8	1 170
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	285	279	238	109	90	29	17	5	1 052
>10mm to 15mm	213	207	179	64	76	25	8	4	776
Over 15mm	209	205	187	76	65	24	9	4	779
Unknown size (invasive)	4	10	–	2	2	1	–	–	19
DCIS	145	201	143	83	55	22	13	8	670
Total	856	902	747	334	288	101	47	21	3 296
Ratio	2.7	4.2	2.5	1.9	3.0	3.0	2.1	2.6	2.8
2006									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	50	48	67	24	16	3	3	6	217
>10mm to 15mm	50	37	71	12	14	7	7	1	199
Over 15mm	143	91	171	51	47	9	11	4	527
Unknown size (invasive)	1	3	–	1	–	–	–	–	5
DCIS	63	34	55	26	21	2	1	1	203
Total	307	213	364	114	98	21	22	12	1 151
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	325	273	243	112	105	30	7	4	1 099
>10mm to 15mm	254	222	186	93	67	27	13	1	863
Over 15mm	291	224	191	88	70	27	14	2	907
Unknown size (invasive)	6	11	–	2	3	1	–	–	23
DCIS	207	170	138	86	32	24	9	3	669
Total	1 083	900	758	381	277	109	43	10	3 561
Ratio	3.5	4.2	2.1	3.3	2.8	5.2	2.0	0.8	3.1
2007									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	64	34	63	35	20	3	8	1	228
>10mm to 15mm	49	27	64	24	15	5	5	1	190
Over 15mm (b)	148	82	184	72	46	4	16	1	553
Unknown size (invasive)	2	2	–	1	–	na	–	–	na
DCIS	74	47	68	43	18	na	2	–	na
Total	337	192	379	175	99	na	31	3	na
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	305	240	233	92	97	33	9	1	1 010

Table 12A.16

Table 12A.16 Breast conserving surgery to mastectomy (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</i>
>10mm to 15mm	247	215	157	73	70	21	10	5	798
Over 15mm (b)	288	240	200	75	55	30	9	9	906
Unknown size (invasive)	3	10	–	1	5	na	–	–	na
DCIS	185	201	164	91	56	na	9	5	na
Total	1 028	906	754	332	283	na	37	20	na
Ratio	3.1	4.7	2.0	1.9	1.4	7.0	1.2	6.7	2.6

DCIS = Ductal carcinoma in situ.

(a) Rate applies for women of all ages.

(b) +1 unknown outcome for Tasmania.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 12A.17

Table 12A.17 Selected breast and other cancer AR-DRGs, public sector, population estimated, 2006-07 (a)

AR- DRG 5.1	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A Major procedures for malignant breast conditions										
Separations	no.	2 036	1 856	1 040	679	452	120	123	31	6 337
Patient days	no.	5 935	6 954	2 683	2 823	1 330	277	273	85	20 360
ALOS	days	3	4	3	4	3	2	2	3	3
Sample size (b)	no. hospitals	56	34	22	9	15	3	2	2	143
Average cost (c)	\$/DRG	5 907	6 520	6 474	7 873	5 455	6 433	6 994	6 780	6 393
Direct	\$/DRG	4 363	5 128	5 781	6 297	4 366	4 845	4 940	4 365	5 048
Overhead	\$/DRG	1 543	1 392	694	1 577	1 089	1 588	2 054	2 415	1 346
J07A Minor procedures for malignant breast conditions										
Separations	no.	681	615	439	237	159	53	30	13	2 227
Patient days	no.	1 069	910	548	292	217	66	30	16	3 148
ALOS	days	2	1	1	1	1	1	1	1	1
Sample size (b)	no. hospitals	58	30	21	9	16	3	2	3	142
Average cost (c)	\$/DRG	3 350	3 127	3 539	3 154	3 384	2 892	3 411	2 907	3 295
Direct	\$/DRG	2 450	2 450	3 125	2 475	2 642	2 122	2 048	1 892	2 583
Overhead	\$/DRG	900	678	414	680	743	770	1 363	1 014	712
J10Z Skin, subcutaneous tissue and breast plastic operating room procedures										
Separations	no.	2 627	1 669	1 376	784	933	166	77	54	7 686
Patient days	no.	3 351	2 482	1 594	939	1 173	189	153	62	9 943
ALOS	days	1	1	1	1	1	1	2	1	1
Sample size (b)	no. hospitals	78	41	32	17	27	3	2	4	204
Average cost (c)	\$/DRG	2 744	2 713	2 569	2 710	2 671	3 139	4 124	2 464	2 714
Direct	\$/DRG	1 983	2 083	2 217	2 069	2 014	2 222	3 066	1 551	2 072
Overhead	\$/DRG	762	630	351	641	657	918	1 059	912	642

Table 12A.17

Table 12A.17 Selected breast and other cancer AR-DRGs, public sector, population estimated, 2006-07 (a)

AR- DRG 5.1	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J11Z Other skin, subcutaneous tissue and breast procedures										
Separations	no.	9 497	10 736	8 543	4 170	3 079	803	321	276	37 424
Patient days	no.	12 014	13 588	9 666	5 658	3 681	905	361	622	46 495
ALOS	days	1	1	1	1	1	1	1	2	1
Sample size (b)	no. hospitals	82	42	35	17	30	5	2	4	217
Average cost (c)	\$/DRG	1 921	1 831	1 676	1 937	1 619	2 101	2 575	3 572	1 838
Direct	\$/DRG	1 379	1 379	1 407	1 386	1 192	1 489	1 831	2 261	1 384
Overhead	\$/DRG	542	452	269	551	427	612	743	1 312	455
J62A Malignant breast disorders (Age >69 W CC) or W (Cat or Sev CC)										
Separations	no.	391	316	153	68	112	36	5	18	1 100
Patient days	no.	2 630	1 358	725	402	857	184	35	135	6 325
ALOS	days	7	4	5	6	8	5	7	8	6
Sample size (b)	no. hospitals	64	31	23	11	18	5	2	4	158
Average cost (c)	\$/DRG	4 628	3 757	5 446	6 032	6 064	5 228	5 125	2 299	4 709
Direct	\$/DRG	3 155	2 954	4 704	4 577	4 337	3 996	3 466	1 621	3 526
Overhead	\$/DRG	1 473	803	742	1 455	1 727	1 233	1 660	678	1 183
J62B Malignant breast disorders (Age >69 W/O CC) or W/O (Cat or Sev CC)										
Separations	no.	155	412	152	311	92	76	np	8	1 209
Patient days	no.	415	658	268	331	121	127	np	14	1 938
ALOS	days	3	2	2	1	1	2	np	2	2
Sample size (b)	no. hospitals	46	30	24	6	15	5	np	1	129
Average cost (c)	\$/DRG	2 392	2 476	2 493	1 145	1 188	1 814	np	1 588	1 979
Direct	\$/DRG	1 713	2 136	2 107	1 027	881	1 349	np	1 104	1 640
Overhead	\$/DRG	679	340	386	117	306	466	np	484	339

Table 12A.17

Table 12A.17 Selected breast and other cancer AR-DRGs, public sector, population estimated, 2006-07 (a)

AR- DRG 5.1	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
R63Z Chemotherapy										
Separations	no.	3 472	72 010	19 339	21 500	16 674	2 514	491	1 587	137 588
Patient days	no.	3 492	72 192	19 339	21 516	16 718	2 522	499	1 606	137 884
ALOS	days	1	1	1	1	1	1	1	1	1
Sample size (b)	no. hospitals	42	31	31	11	31	7	2	3	158
Average cost (c)	\$/DRG	736	1 283	944	1 143	633	215	530	262	1 087
Direct	\$/DRG	561	1 094	859	917	495	163	413	194	918
Overhead	\$/DRG	175	189	85	226	138	52	117	68	170

W=with. W/O=without. CC=complications and co-morbidities. Cat or Sev=catastrophic or severe. ALOS refers to the patient's Average Length of Stay.

(a) Estimated population costs are obtained by weighting the sample results according to the known characteristics of the population.

(b) The sample size is the number of hospitals contributing to the cost and activity data for each AR-DRG.

(c) Average cost is affected by a number of factors, some of which are admission practices, sample size, remoteness and the type of hospitals contributing to the collection. Direct comparison between jurisdictions is difficult as there are differences in hospital costing systems.

np Not published (due to privacy concerns where there are separations less than five or where the sample size is one).

Source: Australian Government Department of Health and Ageing (DoHA), National Hospital Cost Data Collection, Round 11 (2006-07) v5.1.

Table 12A.18

Table 12A.18 **Interval cancer rate for women, by age, per 10 000 women at risk (a), (b), (c), (d), (e), (f)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2000									
<i>0–12 months following screening</i>									
<i>First screening round</i>									
40–49 years	7.4	7.0	3.2	5.8	12.4	–	18.0	19.9	6.7
50–59 years	6.3	9.0	8.7	4.9	4.7	8.8	–	17.0	7.4
60–69 years	3.0	–	5.5	8.7	8.6	–	49.0	–	4.1
70 + years	17.1	–	13.3	–	–	–	–	–	10.2
40+ years ASR	6.9	5.0	7.3	5.5	6.8	3.4	17.4	10.8	6.7
50–69 years ASR	4.9	5.3	7.4	6.5	6.3	5.1	20.4	9.9	6.0
<i>Subsequent screening round</i>									
40–49 years	6.0	3.2	11.3	7.6	5.2	2.9	5.9	–	7.2
50–59 years	8.9	9.5	9.3	6.0	7.4	6.3	10.9	–	8.6
60–69 years	9.9	7.0	9.1	7.9	7.0	5.1	–	19.0	8.3
70 + years	6.8	5.9	11.9	–	8.8	–	–	–	7.3
40+ years ASR	8.3	7.1	10.0	6.1	7.0	4.4	5.5	5.3	8.1
50–69 years ASR	9.3	8.5	9.2	6.8	7.2	5.8	6.4	7.9	8.5
<i>13–24 months following screening</i>									
<i>First screening round</i>									
40–49 years	10.5	8.0	11.6	8.6	15.3	–	18.2	–	10.4
50–59 years	16.9	16.2	14.3	13.4	14.6	18.8	23.8	35.3	16.0
60–69 years	7.8	14.4	20.3	–	–	28.9	–	–	12.3
70 + years	9.1	11.5	–	–	–	–	–	–	5.9
40+ years ASR	12.1	13.4	13.6	7.0	8.9	15.4	13.1	13.8	12.5
50–69 years ASR	13.2	15.4	16.8	7.8	8.5	23.0	13.9	20.6	14.4
<i>Subsequent screening round</i>									
40–49 years	9.1	13.0	11.3	15.4	8.0	22.1	6.0	–	10.8
50–59 years	13.3	11.9	15.4	10.8	14.1	12.2	13.4	51.7	13.2
60–69 years	10.2	13.3	11.8	16.0	20.2	9.2	12.8	207.9	12.9
70 + years	11.9	7.5	13.0	12.2	6.6	12.6	29.1	566.6	10.9
40+ years ASR	11.4	12.0	13.2	13.4	13.6	13.5	13.6	148.5	12.4
50–69 years ASR	12.0	12.5	13.9	13.0	16.6	10.9	13.1	116.7	13.1
2001									
<i>0–12 months following screening</i>									
<i>First screening round</i>									
40–49 years	9.4	8.4	5.6	–	11.4	6.8	8.6	–	7.4
50–59 years	7.8	8.6	8.7	7.0	7.9	19.9	–	21.6	8.3
60–69 years	8.1	7.6	10.3	7.0	–	28.7	–	–	8.2
70 + years	10.4	9.9	5.8	–	–	–	–	–	8.0
40+ years ASR	8.6	8.4	8.1	4.7	5.4	17.2	1.8	8.4	8.1
50–69 years ASR	7.9	8.2	9.4	7.0	4.6	23.6	–	12.6	8.3

Table 12A.18

**Table 12A.18 Interval cancer rate for women, by age, per 10 000 women at risk
(a), (b), (c), (d), (e), (f)**

	<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</i>
<i>Subsequent screening round</i>									
40–49 years	7.8	11.9	8.4	12.3	3.5	3.6	12.9	17.4	8.4
50–59 years	8.5	8.9	8.2	7.6	7.6	4.0	6.4	–	8.2
60–69 years	7.5	7.1	8.7	8.4	7.5	8.3	6.9	–	7.7
70 + years	7.4	6.3	6.8	11.6	8.0	–	–	–	7.0
40+ years ASR	7.9	8.7	8.2	9.3	6.8	4.6	7.1	3.6	7.9
50–69 years ASR	8.1	8.2	8.4	7.9	7.6	5.8	6.6	–	8.0
13–24 months following screening									
<i>First screening round</i>									
40–49 years	8.2	13.6	9.3	10.3	16.9	–	–	18.1	9.9
50–59 years	9.3	10.3	14.5	13.5	10.1	–	–	22.4	10.8
60–69 years	10.0	7.6	30.9	16.0	–	–	–	–	13.0
70 + years	14.0	9.9	5.8	–	–	73.5	–	–	10.8
40+ years ASR	9.9	10.2	16.9	11.8	7.4	9.2	–	12.5	11.2
50–69 years ASR	9.6	9.2	21.3	14.5	5.9	–	–	13.1	11.7
<i>Subsequent screening round</i>									
40–49 years	11.8	10.2	9.9	15.7	6.1	16.2	7.6	84.9	11.3
50–59 years	12.8	12.7	14.2	13.6	11.4	13.1	9.4	18.1	12.9
60–69 years	12.3	14.1	15.6	12.6	14.6	12.8	7.4	54.2	13.6
70 + years	12.7	9.5	17.5	3.7	8.0	15.6	–	–	12.4
40+ years ASR	12.4	12.2	14.1	12.5	10.8	14.0	7.3	39.7	12.7
50–69 years ASR	12.6	13.3	14.7	13.2	12.7	12.9	8.6	33.1	13.2
2002									
0–12 months following screening									
<i>First screening round</i>									
40–49 years	5.4	7.7	5.5	10.1	7.6	7.0	–	–	6.3
50–59 years	4.6	11.2	6.0	4.4	8.4	10.7	12.0	–	7.0
60–69 years	5.6	–	10.8	–	–	34.2	–	–	5.4
70 + years	3.1	13.0	–	–	37.3	–	–	–	5.7
40+ years ASR	4.9	7.6	6.5	3.8	9.5	15.1	4.7	–	6.3
50–69 years ASR	5.0	6.5	8.0	2.6	4.9	20.5	7.0	–	6.3
<i>Subsequent screening round</i>									
40–49 years	6.9	20.9	12.1	9.3	7.0	10.1	6.7	16.7	9.8
50–59 years	7.5	7.0	8.3	5.5	7.4	5.9	7.5	–	7.3
60–69 years	7.8	5.4	5.9	3.5	5.9	13.0	3.4	–	6.3
70 + years	6.7	5.3	10.3	2.8	1.9	5.3	–	–	6.5
40+ years ASR	7.4	9.2	8.7	5.4	6.2	8.7	5.3	3.5	7.4
50–69 years ASR	7.6	6.4	7.3	4.7	6.8	8.9	5.8	–	6.9
13–24 months following screening									
<i>First screening round</i>									
40–49 years	8.3	13.5	6.1	6.9	10.8	15.0	–	28.0	8.9

Table 12A.18

**Table 12A.18 Interval cancer rate for women, by age, per 10 000 women at risk
(a), (b), (c), (d), (e), (f)**

	<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</i>
50–59 years	10.6	10.5	12.0	12.9	17.4	55.9	36.9	–	12.7
60–69 years	3.0	6.0	16.2	8.5	–	–	–	–	6.9
70 + years	9.7	6.5	7.1	–	37.3	–	–	–	8.9
40+ years ASR	7.9	9.4	11.3	8.9	13.7	24.9	14.4	5.8	9.8
50–69 years ASR	7.4	8.6	13.7	11.1	10.2	32.6	21.6	–	10.3
<i>Subsequent screening round</i>									
40–49 years	13.4	14.0	9.9	22.4	6.1	3.8	15.7	–	12.0
50–59 years	10.8	10.7	12.3	12.0	10.3	9.1	2.1	20.7	11.0
60–69 years	9.7	14.7	14.0	12.5	11.7	8.9	–	–	12.2
70 + years	8.4	8.3	7.4	–	11.5	–	–	–	8.0
40+ years ASR	10.8	12.2	11.7	12.8	10.0	6.8	4.1	8.1	11.2
50–69 years ASR	10.4	12.3	13.0	12.2	10.9	9.0	1.2	12.1	11.5
2003									
<i>0–12 months following screening</i>									
<i>First screening round</i>									
40–49 years	5.2	11.4	6.1	3.7	5.1	5.9	–	–	6.2
50–59 years	6.5	4.3	4.4	8.7	2.2	9.6	–	–	5.4
60–69 years	8.2	11.4	9.3	–	–	30.8	–	–	8.4
70 + years	4.0	–	17.3	–	–	–	–	–	6.0
40+ years ASR	6.4	7.2	7.8	4.1	1.9	13.5	–	–	6.5
50–69 years ASR	7.2	7.3	6.5	5.1	1.3	18.4	–	–	6.6
<i>Subsequent screening round</i>									
40–49 years	5.5	7.7	7.2	9.3	9.2	4.0	–	–	6.6
50–59 years	5.6	6.4	5.5	7.2	6.6	8.7	4.5	–	6.1
60–69 years	6.4	6.3	5.1	7.3	4.7	6.2	3.3	11.0	6.0
70 + years	6.3	4.6	4.8	13.6	7.8	13.4	–	–	6.1
40+ years ASR	5.9	6.4	5.7	8.5	6.7	7.6	2.7	3.1	6.2
50–69 years ASR	5.9	6.4	5.3	7.3	5.8	7.6	4.0	4.6	6.1
<i>13–24 months following screening</i>									
<i>First screening round</i>									
40–49 years	12.7	20.6	10.2	2.1	8.1	12.8	–	–	11.9
50–59 years	13.5	12.9	10.4	5.8	9.0	10.2	–	–	11.3
60–69 years	10.3	17.1	19.3	33.0	22.7	–	–	–	15.1
70 + years	29.4	13.2	17.6	41.2	–	–	–	–	22.8
40+ years ASR	14.4	15.7	13.7	17.0	11.5	6.6	–	–	13.9
50–69 years ASR	12.2	14.7	14.1	17.1	14.7	5.9	–	–	12.9
<i>Subsequent screening round</i>									
40–49 years	15.9	11.5	10.6	19.1	10.8	4.6	–	–	13.1
50–59 years	11.9	16.1	14.3	7.5	14.2	12.2	7.6	13.0	13.3
60–69 years	12.2	12.7	14.6	10.1	10.6	10.3	7.3	24.4	12.4
70 + years	12.6	10.4	17.3	10.8	5.9	10.0	–	–	12.3
40+ years ASR	12.9	13.5	14.0	11.0	11.5	9.8	5.0	11.9	12.9

Table 12A.18

**Table 12A.18 Interval cancer rate for women, by age, per 10 000 women at risk
(a), (b), (c), (d), (e), (f)**

	<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</i>
50–69 years ASR	12.0	14.7	14.4	8.6	12.7	11.4	7.4	17.8	12.9
2004									
<i>0–12 months following screening</i>									
<i>First screening round</i>									
40–49 years	na	12.5	3.8	3.7	11.7	na	–	–	na
50–59 years	na	7.4	5.8	6.4	6.4	na	–	–	na
60–69 years	na	5.6	7.5	–	–	na	–	–	na
70 + years	na	–	17.4	39.2	–	na	–	–	na
40+ years ASR	na	7.0	7.3	8.1	4.9	na	–	–	na
50–69 years ASR	na	6.6	6.5	3.7	3.8	na	–	–	na
<i>Subsequent screening round</i>									
40–49 years	na	12.7	5.7	11.4	10.7	na	–	–	na
50–59 years	na	6.0	7.0	5.7	6.0	na	–	6.0	na
60–69 years	na	6.8	5.6	5.7	5.1	na	–	–	na
70 + years	na	4.7	5.0	9.6	3.8	na	–	–	na
40+ years ASR	na	7.4	6.1	7.4	6.5	na	–	2.4	na
50–69 years ASR	na	6.3	6.4	5.7	5.7	na	–	3.5	na
<i>13–24 months following screening</i>									
<i>First screening round</i>									
40–49 years	na	16.7	na	6.4	12.5	na	–	–	na
50–59 years	na	15.3	na	12.4	19.8	na	–	–	na
60–69 years	na	11.2	na	22.5	–	na	–	–	na
70 + years	na	–	na	–	–	na	–	–	na
40+ years ASR	na	12.5	na	12.4	10.3	na	–	–	na
50–69 years ASR	na	13.6	na	16.6	11.6	na	–	–	na
<i>Subsequent screening round</i>									
40–49 years	na	12.7	na	7.7	16.7	na	–	–	na
50–59 years	na	12.8	na	14.7	13.1	na	5.0	–	na
60–69 years	na	15.7	na	11.7	9.6	na	7.4	29.8	na
70 + years	na	11.2	na	12.9	7.6	na	–	–	na
40+ years ASR	na	13.4	na	12.2	12.2	na	4.0	8.3	na
50–69 years ASR	na	14.0	na	13.5	11.6	na	6.0	12.4	na

(a) 'Asymptomatic' includes women without symptoms and women with symptoms other than breast lump and/or blood stained or watery nipple discharge. 'Symptomatic' includes women with breast lump and/or blood stained or watery nipple discharge. Symptomatic women who attend early for rescreen and are diagnosed with breast cancer are included. Women with a strong family history of breast cancer are not included in 12–24 month calculations as they are screened annually.

(b) Rates are expressed per 10 000 women at risk.

(c) BreastScreen Australia services have different policies throughout Australia with respect to the screening of symptomatic women. These differences affect the interval cancer rate, therefore comparisons between jurisdictions should not be made.

(d) The numbers used to measure this indicator are small, resulting in large variations from year to year. It is reasonable to view this indicator over time rather than from one year to the next.

Table 12A.18 **Interval cancer rate for women, by age, per 10 000 women at risk**
(a), (b), (c), (d), (e), (f)

	<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</i>
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(e) Rates for 40+ and 50–69 years are age standardised to the Australian population of women attending a BreastScreen Australia service in 1998.

(f) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 12A.19

Table 12A.19 **Breast cancer detection rate, by BreastScreen Australia (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</i>
2003									
Invasive cancers									
<i>First round</i>									
40–44 years	23.9	17.0	26.9	3.8	14.9	11.1	–	51.3	21.6
45–49 years	31.7	44.5	48.4	48.9	46.6	25.4	294.1	50.5	41.3
50–54 years	49.9	45.1	45.1	74.4	60.3	74.5	39.4	–	51.5
55–59 years	62.7	75.5	72.1	81.0	95.5	108.7	65.4	82.6	71.3
60–64 years	57.7	101.2	83.4	102.9	102.0	144.2	104.2	227.3	79.1
65–69 years	89.1	79.7	79.5	202.0	157.1	–	212.8	–	94.5
70–74 years	138.0	147.8	168.2	–	289.9	–	434.8	–	143.0
75–79 years	110.2	383.1	205.9	446.4	144.9	357.1	–	–	200.3
80–84 years	338.0	243.9	133.3	877.2	–	833.3	–	na	306.7
85 + years	202.0	243.9	250.0	–	–	–	–	na	193.2
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	65.9	81.8	75.2	99.4	100.9	78.5	136.8	na	75.6
50–69 years ASR	62.6	72.1	67.2	107.3	97.5	84.3	94.2	71.7	71.1
<i>Subsequent round</i>									
40–44 years	6.0	23.4	16.8	6.6	23.7	–	146.5	–	13.5
45–49 years	21.6	11.4	21.1	21.5	28.6	10.5	9.1	19.2	20.6
50–54 years	28.6	26.3	29.0	32.0	34.5	30.8	26.0	44.5	29.2
55–59 years	42.3	35.2	44.5	47.9	44.5	55.1	31.7	55.9	41.9
60–64 years	57.1	43.3	55.1	54.9	53.8	55.2	27.1	49.4	52.1
65–69 years	55.5	48.9	57.0	53.5	68.4	56.1	83.6	–	55.3
70–74 years	52.9	44.0	53.3	76.3	69.6	78.0	–	–	52.3
75–79 years	67.1	70.3	72.1	61.5	58.7	58.7	109.9	–	67.7
80–84 years	75.3	166.7	185.4	41.5	174.4	–	–	–	95.8
85 + years	71.2	107.5	–	–	208.3	–	3 333.3	–	71.5
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	39.7	35.4	41.8	42.2	47.1	41.3	48.5	29.1	39.6
50–69 years ASR	43.7	36.8	44.3	45.3	48.0	47.4	38.9	39.9	42.6
DCIS									
<i>First round</i>									
40–44 years	4.1	14.6	4.8	11.5	5.0	–	–	–	6.2
45–49 years	9.8	12.7	16.7	14.0	10.4	12.7	–	–	12.5
50–54 years	12.7	20.5	14.5	19.1	5.0	14.9	–	–	15.2
55–59 years	8.5	15.1	22.9	18.0	–	–	–	–	12.8
60–64 years	13.7	36.8	4.9	58.8	–	48.1	–	–	18.5
65–69 years	23.3	26.6	14.5	25.3	–	–	–	–	20.0
70–74 years	46.0	24.6	15.3	–	–	–	–	–	30.1
75–79 years	24.5	–	22.9	89.3	–	–	–	–	22.9
80–84 years	–	–	–	–	–	–	–	na	–

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (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</i>
85 + years	–	–	–	–	–	–	–	na	–
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	15.5	20.8	14.2	24.7	2.8	12.0	–	na	16.1
50–69 years ASR	13.9	23.9	14.5	28.8	1.6	15.5	–	–	16.2
<i>Subsequent round</i>									
40–44 years	4.8	–	2.6	6.6	–	–	–	–	3.4
45–49 years	6.6	4.5	4.9	6.6	4.8	15.7	9.1	19.2	6.2
50–54 years	5.1	8.3	9.0	10.9	6.3	10.3	8.7	–	7.6
55–59 years	9.4	10.5	12.2	17.2	9.4	21.5	15.9	11.2	11.5
60–64 years	8.3	10.5	10.8	19.4	6.7	5.8	21.6	–	10.4
65–69 years	11.0	7.6	15.2	16.8	15.3	19.8	15.2	–	12.2
70–74 years	15.0	13.5	14.2	22.9	15.1	22.3	37.6	–	14.9
75–79 years	12.4	19.5	23.3	61.5	19.6	–	–	–	17.0
80–84 years	14.4	–	–	–	–	–	–	–	10.5
85 + years	7.1	–	–	–	–	–	–	–	5.5
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	8.4	8.5	10.4	15.6	8.5	13.3	14.1	4.4	9.7
50–69 years ASR	8.1	9.2	11.4	15.6	9.0	14.1	14.7	2.9	10.1
2004									
Invasive cancers									
<i>First round</i>									
40–44 years	16.9	15.5	21.8	26.1	17.7	54.5	–	53.8	21.0
45–49 years	43.1	60.1	41.3	39.3	11.5	11.5	–	117.6	42.9
50–54 years	53.9	42.3	53.7	70.3	54.9	26.8	86.2	102.4	51.7
55–59 years	59.4	87.4	100.3	40.6	96.2	53.9	54.9	225.6	74.6
60–64 years	96.5	26.4	117.5	89.3	69.2	144.2	–	–	89.4
65–69 years	108.0	239.8	83.2	50.3	189.9	84.0	196.1	–	118.0
70–74 years	91.1	91.5	161.6	156.3	294.1	–	–	–	119.7
75–79 years	120.2	162.6	176.3	206.2	212.8	400.0	–	–	159.1
80–84 years	336.5	180.2	235.3	200.0	454.5	–	–	–	259.5
85 + years	–	–	192.3	1 000.0	1 000.0	–	–	–	197.4
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	71.3	82.4	85.5	72.1	103.2	65.4	53.7	80.6	77.3
50–69 years ASR	75.3	88.9	85.6	62.9	95.0	70.9	80.4	91.7	78.9
<i>Subsequent round</i>									
40–44 years	11.1	10.4	19.0	14.2	33.4	35.6	100.0	–	17.0
45–49 years	23.8	19.7	23.6	21.9	15.8	20.1	60.3	25.3	23.1
50–54 years	32.5	28.5	28.7	37.8	33.4	42.9	14.4	36.8	31.4
55–59 years	43.8	40.3	36.4	47.5	38.7	44.3	50.6	23.0	41.3
60–64 years	52.6	40.1	50.5	41.1	46.0	49.4	73.4	39.0	47.3
65–69 years	56.8	50.3	56.5	56.7	56.8	48.7	89.4	114.1	55.3

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
70–74 years	69.5	54.0	62.7	69.2	80.4	82.5	92.9	–	63.8
75–79 years	74.4	67.8	67.8	92.8	101.0	152.0	258.6	208.3	76.2
80–84 years	66.4	213.4	98.7	88.2	73.3	–	–	–	83.5
85 + years	57.0	–	89.3	185.2	–	–	–	2 000.0	65.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	42.5	37.4	40.2	43.5	43.3	47.5	65.7	45.9	40.9
50–69 years ASR	44.6	38.3	40.9	44.7	42.1	45.8	51.4	48.8	42.1
DCIS									
<i>First round</i>									
40–44 years	3.4	11.1	5.4	11.2	17.7	36.3	–	–	8.0
45–49 years	9.4	13.6	9.5	7.1	–	11.5	–	58.8	9.8
50–54 years	11.5	12.9	16.3	23.4	21.5	13.4	–	68.3	15.3
55–59 years	9.0	9.2	16.2	16.2	19.2	53.9	54.9	–	13.6
60–64 years	18.1	35.1	35.8	29.8	34.6	–	–	–	25.9
65–69 years	27.0	42.3	22.7	50.3	–	–	–	–	28.0
70–74 years	–	–	16.2	78.1	–	–	–	–	9.6
75–79 years	20.0	–	25.2	–	212.8	–	–	–	22.7
80–84 years	–	–	–	400.0	–	–	–	–	34.6
85 + years	–	476.2	–	1 000.0	–	–	–	–	131.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	12.3	18.6	18.3	32.5	21.0	16.6	9.5	22.3	17.1
50–69 years ASR	15.3	22.6	21.8	28.2	19.6	18.3	14.2	22.2	19.7
<i>Subsequent round</i>									
40–44 years	8.3	10.4	7.6	–	16.7	–	–	–	7.7
45–49 years	8.2	6.6	9.5	5.1	4.5	5.0	12.1	–	7.9
50–54 years	9.4	10.4	8.2	10.7	7.8	13.4	4.8	–	9.3
55–59 years	8.7	9.7	10.7	11.6	9.0	11.1	7.8	23.0	9.8
60–64 years	13.0	12.1	16.1	9.3	13.6	14.5	5.6	19.5	13.0
65–69 years	11.2	6.6	13.8	13.5	10.0	17.4	24.4	–	10.9
70–74 years	11.9	14.8	11.8	17.3	15.5	14.6	–	–	13.2
75–79 years	13.9	7.0	13.1	8.4	5.9	–	–	–	11.4
80–84 years	17.1	14.2	–	–	24.4	114.9	–	–	15.4
85 + years	9.5	–	–	–	–	–	–	–	6.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	10.2	9.8	11.0	9.8	10.2	12.1	7.9	6.9	10.3
50–69 years ASR	10.4	9.8	11.7	11.1	9.8	13.8	9.6	10.3	10.6
2005									
Invasive cancers									
<i>First round</i>									
40–44 years	17.5	14.0	23.8	28.1	25.1	19.3	–	64.1	21.6
45–49 years	59.2	18.2	51.2	38.4	23.1	49.1	–	–	39.6

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (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</i>
50–54 years	42.5	46.9	53.8	71.1	58.9	65.0	69.3	–	50.9
55–59 years	54.1	119.0	66.9	82.5	103.1	39.7	45.0	–	70.5
60–64 years	65.8	144.6	107.6	85.2	92.9	83.7	131.6	133.3	91.3
65–69 years	98.2	85.1	56.4	52.4	58.5	238.1	370.4	263.2	89.0
70–74 years	42.6	34.2	172.0	74.1	–	–	400.0	–	87.0
75–79 years	232.6	150.0	322.6	736.8	232.6	–	1 666.7	–	296.4
80–84 years	125.0	384.6	92.6	370.4	–	–	–	–	196.1
85 + years	–	769.2	312.5	–	1 111.1	–	–	na	377.4
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	61.8	78.9	80.5	88.1	66.1	72.1	174.8	na	73.8
50–69 years ASR	61.5	94.7	69.6	73.5	77.8	96.3	135.4	80.7	72.3
<i>Subsequent round</i>									
40–44 years	–	9.7	12.3	19.1	24.2	16.2	–	–	12.2
45–49 years	23.5	21.6	26.2	23.7	20.7	32.1	28.1	22.0	24.8
50–54 years	28.5	26.6	31.7	30.9	27.5	28.9	32.0	36.1	29.0
55–59 years	35.7	35.6	38.8	35.6	37.3	26.1	31.5	63.8	36.3
60–64 years	48.7	48.0	53.4	52.3	53.5	50.7	43.3	60.5	50.2
65–69 years	51.9	53.2	50.3	68.1	57.2	74.6	52.8	53.3	54.6
70–74 years	66.9	66.5	50.7	68.9	65.9	41.9	66.4	–	60.9
75–79 years	64.5	63.4	94.3	79.7	96.4	68.3	141.8	–	77.0
80–84 years	52.9	58.4	118.8	127.0	67.1	–	–	–	76.5
85 + years	–	128.2	120.0	133.3	298.5	–	–	–	108.7
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	37.3	37.7	40.7	43.5	41.9	39.0	39.1	37.6	39.5
50–69 years ASR	39.4	38.8	42.0	44.1	41.6	41.9	38.4	52.1	40.6
DCIS									
<i>First round</i>									
40–44 years	5.8	10.5	5.4	19.7	4.2	6.4	–	–	7.9
45–49 years	7.1	18.2	6.9	11.8	4.6	8.2	–	46.3	10.6
50–54 years	16.0	10.2	15.5	10.2	17.9	–	27.7	26.7	13.7
55–59 years	13.9	16.4	11.2	24.8	–	–	45.0	–	13.8
60–64 years	19.2	19.3	9.0	34.1	–	83.7	–	–	18.3
65–69 years	12.8	14.2	7.0	26.2	–	–	–	–	11.4
70–74 years	21.3	–	43.0	–	–	–	–	–	20.1
75–79 years	46.5	50.0	–	105.3	–	–	–	–	32.9
80–84 years	–	192.3	–	–	–	–	–	–	56.0
85 + years	–	–	–	–	–	–	–	na	–
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	14.9	16.1	12.5	21.2	4.8	13.9	13.8	na	14.7
50–69 years ASR	15.5	14.6	11.3	22.3	5.8	18.5	20.7	8.7	14.3
<i>Subsequent round</i>									

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (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</i>
40–44 years	–	9.7	6.1	12.7	8.1	–	–	–	6.1
45–49 years	8.3	5.9	7.2	3.4	2.3	–	14.0	–	6.0
50–54 years	8.3	12.1	3.3	14.0	7.3	15.7	–	12.0	8.6
55–59 years	7.2	9.6	11.5	17.8	10.7	13.0	18.9	31.9	10.5
60–64 years	11.0	12.4	10.6	22.4	10.5	10.7	13.0	30.3	12.5
65–69 years	10.9	12.6	15.3	14.5	13.6	6.5	5.9	53.3	12.7
70–74 years	9.3	12.0	14.3	23.0	3.0	9.3	22.1	–	12.4
75–79 years	16.8	22.3	10.5	15.9	17.0	45.6	–	–	17.4
80–84 years	8.8	11.7	9.9	31.7	–	90.9	–	–	12.7
85 + years	–	–	–	–	149.3	–	–	–	13.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	8.5	11.1	9.3	15.4	8.7	11.0	9.6	19.5	10.1
50–69 years ASR	9.1	11.6	9.4	16.9	10.1	12.1	8.9	29.3	10.8
2006									
Invasive cancers									
<i>First round</i>									
40–44 years	22.9	23.8	24.3	13.8	–	29.7	–	82.0	21.8
45–49 years	32.7	49.3	43.1	26.9	33.2	86.4	–	120.5	41.7
50–54 years	41.2	42.1	57.9	51.2	48.5	83.5	25.1	24.3	45.6
55–59 years	47.1	77.4	86.5	77.8	58.3	24.4	121.4	–	63.9
60–64 years	99.6	84.9	99.2	82.8	200.0	43.9	–	–	94.5
65–69 years	75.5	88.3	35.4	136.6	275.9	–	259.7	384.6	81.2
70–74 years	112.0	104.2	186.7	88.5	147.1	232.6	–	–	128.8
75–79 years	34.5	215.5	121.5	172.4	–	–	–	–	110.5
80–84 years	283.0	122.0	–	454.5	–	–	–	–	161.7
85 + years	–	–	476.2	–	–	–	–	–	180.2
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	60.5	71.1	74.5	75.7	102.6	61.7	60.2	77.2	68.4
50–69 years ASR	62.3	69.7	70.1	81.7	128.8	43.2	90.2	82.8	68.0
<i>Subsequent round</i>									
40–44 years	9.4	10.1	18.3	36.8	19.7	14.8	–	101.0	19.0
45–49 years	31.7	29.7	30.3	33.1	18.1	13.9	69.4	30.6	29.6
50–54 years	26.1	24.7	31.0	30.5	32.0	25.1	22.5	25.7	27.7
55–59 years	38.8	39.6	38.6	31.9	45.6	37.2	20.4	21.5	38.3
60–64 years	52.3	48.8	54.5	57.3	59.9	46.9	62.0	62.9	53.2
65–69 years	52.1	53.2	71.2	55.9	70.6	63.0	80.6	62.9	58.7
70–74 years	63.8	55.6	64.6	62.6	41.9	25.9	21.9	–	57.3
75–79 years	64.3	82.0	78.6	60.8	64.5	147.4	198.7	500.0	77.0
80–84 years	93.5	96.0	115.5	70.8	65.1	–	465.1	–	94.6
85 + years	123.5	64.5	72.2	–	–	500.0	–	–	81.8
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	40.0	39.0	45.0	42.7	42.8	37.6	48.8	54.0	41.5
50–69 years ASR	40.2	39.4	46.0	41.7	49.2	40.4	42.0	40.1	42.1

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
DCIS									
<i>First round</i>									
40–44 years	4.9	5.9	7.5	10.3	10.4	14.8	–	–	7.5
45–49 years	13.8	8.8	14.9	20.2	–	–	–	120.5	12.8
50–54 years	17.9	14.2	13.7	23.6	20.8	11.9	8.4	–	16.4
55–59 years	13.3	7.4	6.9	38.9	–	24.4	–	–	12.5
60–64 years	28.1	14.2	17.5	49.7	80.0	–	–	–	25.1
65–69 years	31.8	22.1	8.9	–	–	–	–	–	20.8
70–74 years	32.0	26.0	26.7	88.5	–	–	–	–	30.7
75–79 years	–	43.1	–	–	–	–	–	–	11.0
80–84 years	–	–	96.2	–	–	–	–	–	27.0
85 + years	–	–	–	–	–	–	–	–	–
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	19.3	14.4	13.5	30.0	17.2	8.0	1.8	15.4	17.5
50–69 years ASR	21.6	14.0	11.8	28.7	24.5	10.2	2.7	–	18.2
<i>Subsequent round</i>									
40–44 years	4.7	40.4	3.7	6.1	–	–	–	–	6.1
45–49 years	11.2	4.2	3.2	6.6	7.8	4.6	–	–	5.7
50–54 years	7.6	7.9	7.6	7.8	7.6	19.5	–	12.9	7.9
55–59 years	8.9	8.2	8.7	9.2	6.7	8.7	10.2	–	8.5
60–64 years	9.3	11.2	9.8	11.2	9.6	2.6	13.3	–	9.9
65–69 years	12.0	12.4	19.7	13.0	6.0	9.5	13.4	–	13.1
70–74 years	6.8	9.0	13.3	25.0	3.0	25.9	21.9	238.1	11.6
75–79 years	23.1	13.1	4.0	40.5	11.7	–	–	–	14.4
80–84 years	17.0	–	10.5	–	–	–	–	–	7.5
85 + years	–	–	36.1	–	–	–	–	–	11.7
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	9.4	11.3	9.2	11.3	6.6	10.1	7.3	22.7	9.1
50–69 years ASR	9.2	9.6	10.7	9.9	7.5	11.0	8.2	4.2	9.5
2007									
Invasive cancers									
<i>First round</i>									
40–44 years	17.2	29.0	31.4	17.7	27.5	37.1	82.0	–	26.5
45–49 years	29.6	40.5	36.0	46.4	41.8	11.3	161.3	–	36.6
50–54 years	29.8	39.6	55.2	77.6	27.3	39.3	74.4	23.8	42.3
55–59 years	55.5	99.2	82.6	66.7	17.8	–	42.6	178.6	65.4
60–64 years	70.8	139.7	104.2	73.8	33.7	147.8	–	–	83.7
65–69 years	63.4	146.6	150.3	98.4	197.4	339.0	–	227.3	97.3
70–74 years	87.3	161.3	160.8	122.0	540.5	204.1	–	–	128.9
75–79 years	87.5	–	48.1	714.3	1 428.6	–	–	–	152.9
80–84 years	307.7	555.6	315.8	–	–	1 250.0	–	–	321.5
85 + years	–	1 052.6	400.0	909.1	–	–	na	na	400.0
Not stated	–	–	–	–	–	–	–	–	–

Table 12A.19

Table 12A.19 Breast cancer detection rate, by BreastScreen Australia (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
40 + years ASR	52.5	93.2	86.7	93.1	136.0	106.6	na	na	71.3
50–69 years ASR	52.1	98.0	91.6	78.0	59.4	111.4	35.2	98.2	68.2
<i>Subsequent round</i>									
40–44 years	6.4	9.4	13.6	22.0	24.8	12.9	–	–	14.4
45–49 years	19.1	24.3	24.1	34.1	14.1	39.2	23.3	27.2	24.3
50–54 years	22.9	28.5	30.8	24.8	33.5	25.8	24.3	46.8	27.3
55–59 years	27.5	39.9	40.2	36.7	39.0	29.4	31.6	19.4	35.2
60–64 years	36.4	50.2	57.3	46.3	60.0	48.6	53.9	42.0	47.7
65–69 years	39.7	57.3	47.7	65.3	48.3	50.1	61.6	22.3	49.5
70–74 years	54.8	64.6	73.1	82.3	74.2	53.6	102.0	–	67.5
75–79 years	70.5	57.8	93.4	58.9	93.9	21.8	–	–	71.5
80–84 years	107.2	96.9	107.5	126.3	72.1	78.1	–	–	100.0
85 + years	142.9	126.6	40.0	137.0	104.2	–	–	na	99.4
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	31.1	40.0	42.4	43.2	42.8	36.2	38.2	na	38.6
50–69 years ASR	30.3	41.8	42.4	40.5	43.7	36.5	40.0	33.9	38.2
<i>DCIS</i>									
<i>First round</i>									
40–44 years	4.7	7.2	4.4	7.1	5.5	–	–	–	5.0
45–49 years	4.4	13.5	18.7	33.1	–	11.3	–	–	13.5
50–54 years	9.3	15.4	18.4	21.3	6.8	13.1	31.9	–	13.9
55–59 years	9.2	36.1	25.1	41.7	35.7	26.7	42.6	–	19.8
60–64 years	16.9	55.9	16.5	18.5	33.7	–	–	–	20.9
65–69 years	23.8	16.3	–	32.8	65.8	–	–	–	19.8
70–74 years	24.9	–	–	–	270.3	–	–	–	19.3
75–79 years	29.2	–	–	–	–	–	–	–	12.7
80–84 years	76.9	–	–	–	–	–	–	–	32.2
85 + years	–	–	–	–	–	–	na	na	–
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	13.8	22.2	13.5	23.6	44.2	8.9	na	na	16.5
50–69 years ASR	13.8	29.9	16.1	28.2	31.7	11.2	21.4	–	18.1
<i>Subsequent round</i>									
40–44 years	6.4	9.4	3.4	16.5	8.3	12.9	–	–	6.5
45–49 years	7.2	8.1	8.8	1.7	7.1	8.7	–	–	7.3
50–54 years	7.4	12.7	10.6	13.5	10.0	–	4.9	11.7	9.9
55–59 years	6.8	9.7	10.1	14.4	9.1	6.8	3.2	29.0	9.2
60–64 years	7.6	11.2	12.4	25.6	8.5	10.2	11.5	–	11.3
65–69 years	8.2	13.5	14.4	9.8	16.1	3.3	5.6	22.3	11.5
70–74 years	18.8	18.0	13.9	17.1	14.3	4.9	25.5	–	15.9
75–79 years	12.3	28.2	22.3	44.2	27.6	–	–	–	24.0
80–84 years	39.0	10.8	39.1	–	18.0	–	–	–	24.4
85 + years	47.6	–	–	–	–	–	–	na	12.4
Not stated	–	na	–	–	–	–	–	–	na

Table 12A.19 **Breast cancer detection rate, by BreastScreen Australia (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</i>
40 + years ASR	8.8	12.1	11.3	14.8	10.8	5.7	6.2	na	10.7
50–69 years ASR	7.4	11.8	11.6	15.7	10.6	4.7	6.0	15.7	10.4

ASR = Age standardised rate.

(a) Rates are expressed per 10 000 woman screened. Rates for 40+ years and 50–60 years are age standardised to the Australian population of women attending a BreastScreen service in 1998.

(b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 *Census of Population and Housing*.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished); ABS (2008), *Population by Age and Sex, Australian States and Territories, June 2002-2007*, Cat. no. 3201.0.

Table 12A.20

Table 12A.20 Rate of detection of small diameter (15mm or less) invasive cancers, BreastScreen Australia, all rounds of screening (a), (b), (c)

	<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</i>
2003									
Rate per 10 000 women screened									
40–44 years	9.3	6.0	9.9	4.8	12.2	6.7	106.4	29.3	9.6
45–49 years	14.8	15.4	16.7	18.0	18.0	7.4	8.8	27.8	15.8
50–54 years	17.1	18.9	21.3	23.3	22.7	19.7	17.7	16.9	19.7
55–59 years	27.0	24.0	31.2	28.0	29.1	41.8	29.9	39.4	27.9
60–64 years	40.3	29.3	34.9	33.6	41.8	38.4	10.3	30.7	35.5
65–69 years	38.1	32.1	37.6	33.4	45.1	25.4	58.7	–	36.4
70–74 years	39.8	34.1	38.1	32.4	53.4	65.4	34.6	–	38.7
75–79 years	51.1	61.3	57.0	46.0	56.2	54.2	95.2	–	53.9
80–84 years	44.0	51.1	84.3	100.7	102.3	103.1	–	–	53.7
85 + years	59.9	74.6	38.2	–	178.6	–	–	–	59.2
Not stated	–	–	–	–	–	–	–	–	–
Total 40+ years ASR	27.3	24.5	28.7	26.9	32.7	30.0	33.6	20.9	27.3
50–69 years ASR	28.9	25.1	30.0	28.8	32.9	30.7	27.2	22.5	28.6
2004									
Rate per 10 000 women screened									
40–44 years	7.5	5.5	13.2	7.3	20.7	24.1	95.2	33.4	11.1
45–49 years	14.4	19.5	15.3	16.0	6.5	17.5	47.0	35.3	15.4
50–54 years	20.6	18.9	22.2	24.5	21.1	33.5	18.8	36.1	21.3
55–59 years	28.1	28.5	26.9	31.7	26.9	28.6	40.0	39.9	28.5
60–64 years	36.4	24.5	33.8	30.2	30.7	43.8	43.5	17.3	31.9
65–69 years	36.9	34.8	41.1	37.0	41.2	36.8	85.9	70.7	38.3
70–74 years	47.1	40.9	47.1	53.0	60.6	47.6	88.2	–	46.1
75–79 years	49.7	51.7	46.3	62.4	46.2	56.5	81.3	–	50.0
80–84 years	45.6	135.1	73.9	51.3	23.2	–	–	–	56.2
85 + years	36.2	–	108.7	156.3	–	–	–	–	47.7
Not stated	–	–	–	–	–	–	na	na	na
Total 40+ years ASR	27.9	26.3	29.0	29.8	28.3	33.3	52.0	33.7	28.1
50–69 years ASR	29.2	25.7	29.7	30.1	28.6	35.2	42.8	39.7	28.8
2005									
Rate per 10 000 women screened									
40–44 years	7.1	8.9	8.5	19.5	13.8	18.4	–	–	10.4
45–49 years	20.1	12.6	16.7	19.3	12.3	11.8	27.2	–	16.3
50–54 years	18.4	18.0	22.0	24.3	19.6	25.3	24.1	16.6	20.0
55–59 years	25.7	24.3	28.5	23.8	32.1	13.7	20.6	36.1	25.9
60–64 years	31.9	32.0	33.5	33.0	30.0	32.6	25.2	40.8	32.1
65–69 years	36.5	36.4	33.6	39.5	39.1	58.4	45.5	48.4	37.3
70–74 years	42.0	45.3	40.4	40.8	41.2	22.8	62.9	–	42.1

Table 12A.20

Table 12A.20 Rate of detection of small diameter (15mm or less) invasive cancers, BreastScreen Australia, all rounds of screening (a), (b), (c)

	<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</i>
75–79 years	47.6	48.1	74.8	74.1	55.4	42.2	68.0	–	57.7
80–84 years	49.4	52.1	62.6	87.7	21.2	–	–	–	51.4
85 + years	–	54.9	106.4	–	394.7	–	–	–	83.1
Not stated	–	–	–	–	–	–	–	–	–
Total 40+ years ASR	26.4	25.7	28.2	29.8	28.1	26.5	29.2	22.2	27.2
50–69 years ASR	26.8	26.3	28.5	29.0	29.0	30.4	27.6	33.2	27.6
2006									
Rate per 10 000 women screened									
40–44 years	9.7	8.3	7.9	15.4	3.4	14.8	–	90.5	9.5
45–49 years	16.7	27.9	18.4	20.0	8.8	21.9	–	40.6	19.0
50–54 years	17.4	19.1	19.2	20.5	24.4	24.8	10.1	8.4	19.0
55–59 years	23.5	24.1	26.4	23.6	29.2	20.1	12.0	18.2	24.4
60–64 years	36.2	31.9	36.3	36.7	39.1	29.5	37.0	42.7	35.4
65–69 years	33.5	36.4	46.5	36.2	44.1	45.4	63.9	29.1	38.6
70–74 years	42.5	39.2	45.1	33.3	32.3	21.2	21.3	–	39.7
75–79 years	45.5	61.6	51.9	45.5	45.9	92.2	193.5	333.3	55.1
80–84 years	70.2	54.6	56.8	64.1	21.1	287.8	–	–	63.8
85 + years	73.3	–	94.0	–	–	–	–	–	51.7
Not stated	–	–	–	–	–	–	–	–	–
Total 40+ years ASR	26.1	27.6	29.2	27.2	27.5	30.2	25.7	37.6	27.4
50–69 years ASR	26.3	26.6	30.2	28.0	32.7	28.6	27.0	22.5	27.8
2007									
Rate per 10 000 women screened									
40–44 years	6.3	7.7	11.4	6.5	9.9	5.4	–	–	9.0
45–49 years	19.2	12.9	13.4	20.3	13.0	12.6	65.0	17.2	15.7
50–54 years	19.2	17.5	20.7	22.3	23.6	14.1	10.0	31.3	19.6
55–59 years	25.2	26.4	25.0	26.9	26.2	20.8	20.6	16.7	25.5
60–64 years	30.8	31.8	33.5	26.7	33.8	34.1	26.0	25.5	31.4
65–69 years	36.7	38.7	32.3	42.6	39.6	41.8	54.4	20.3	37.5
70–74 years	38.8	47.0	45.1	56.7	56.4	47.6	24.5	–	46.2
75–79 years	55.4	27.7	52.6	35.3	70.7	20.8	–	–	43.6
80–84 years	69.2	82.9	53.7	–	17.8	147.1	–	–	56.7
85 + years	80.3	56.5	–	238.1	–	–	–	na	55.2
Not stated	–	–	–	–	–	–	–	–	–
Total 40+ years ASR	26.5	26.0	26.4	28.4	29.3	25.0	27.0	na	26.7
50–69 years ASR	26.8	27.1	26.9	28.4	29.7	25.6	24.9	24.1	27.2

ASR = Age standardised rate

- (a) Small diameter cancers are defined as invasive cancers up to and including 15mm diameter. Prior to the 2003 Report small diameter cancers were defined as 10mm in diameter or less, hence data are not comparable to data published prior to the 2003 Report.

Table 12A.20 **Rate of detection of small diameter (15mm or less) invasive cancers, BreastScreen Australia, all rounds of screening (a), (b), (c)**

	<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</i>
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(b) Rates are expressed per 10 000 woman screened. Rates for 40+ years and 50–69 years are age standardised to the Australian population of women attending a BreastScreen service in 1998.

(c) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished); ABS (2008), *Population by Age and Sex, Australian States and Territories, June 2002-2007*, Cat. no. 3201.0.

Table 12A.21

Table 12A.21 Number of detected invasive cancers, by size and round, women aged over 40 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</i>
2003									
First round									
10mm or less	68	37	47	24	15	7	1	1	200
11mm to 15mm	62	36	32	21	12	4	3	3	173
More than 15mm	103	57	77	38	24	5	3	–	307
Unknown size	2	5	2	1	–	1	–	–	11
All cancers	235	135	158	84	51	17	7	4	691
Subsequent round									
10mm or less	391	260	251	95	117	36	13	3	1 166
11mm to 15mm	320	164	172	64	82	21	10	4	837
More than 15mm	360	204	214	123	92	31	13	6	1 043
Unknown size	10	13	2	–	4	1	1	–	31
All cancers	1 081	641	639	282	295	89	37	13	3 077
All rounds									
10mm or less	459	297	298	119	132	43	14	4	1 366
11mm to 15mm	382	200	204	85	94	25	13	7	1 010
More than 15mm	463	261	291	161	116	36	16	6	1 350
Unknown size	12	18	4	1	4	2	1	–	42
All cancers	1 316	776	797	366	346	106	44	17	3 768
2004									
First round									
10mm or less	52	48	53	19	17	7	1	4	201
11mm to 15mm	54	35	41	15	4	2	3	3	157
More than 15mm	99	71	75	38	21	7	2	1	314
Unknown size	8	4	1	1	1	–	1	1	17
All cancers	213	158	170	73	43	16	7	9	689
Subsequent round									
10mm or less	384	243	262	113	107	46	21	6	1 182
11mm to 15mm	306	225	182	80	69	22	19	1	904
More than 15mm	370	231	209	98	93	27	10	4	1 042
Unknown size	23	8	4	1	2	–	2	2	42
All cancers	1 083	707	657	292	271	95	52	13	3 170
All rounds									
10mm or less	436	291	315	132	124	53	22	10	1 383
11mm to 15mm	360	260	223	95	73	24	22	4	1 061
More than 15mm	469	302	284	136	114	34	12	5	1 356
Unknown size	31	12	5	2	3	–	3	3	59
All cancers	1 296	865	827	365	314	111	59	22	3 859

Table 12A.21

Table 12A.21 Number of detected invasive cancers, by size and round, women aged over 40 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</i>
2005									
First round									
10mm or less	48	32	45	24	13	2	5	1	170
11mm to 15mm	50	43	51	19	10	11	2	–	186
More than 15mm	80	61	91	39	23	9	4	2	309
Unknown size	2	3	2	2	–	1	–	–	10
All cancers	180	139	189	84	46	23	11	3	675
Subsequent round									
10mm or less	301	284	256	119	97	31	17	5	1 110
11mm to 15mm	238	195	190	71	82	22	10	5	813
More than 15mm	272	248	230	108	90	31	16	6	1 001
Unknown size	3	11	4	2	2	1	–	–	23
All cancers	814	738	680	300	271	85	43	16	2 947
All rounds									
10mm or less	349	316	301	143	110	33	22	6	1 280
11mm to 15mm	288	238	241	90	92	33	12	5	999
More than 15mm	352	309	321	147	113	40	20	8	1 310
Unknown size	5	14	6	4	2	2	–	–	33
All cancers	994	877	869	384	317	108	54	19	3 622
2006									
First round									
10mm or less	52	41	36	17	8	5	–	2	161
11mm to 15mm	53	45	33	17	9	9	4	–	170
More than 15mm	88	65	85	27	16	9	6	3	299
Unknown size	1	5	–	1	–	–	–	–	7
All cancers	194	156	154	62	33	23	10	5	637
Subsequent round									
10mm or less	341	280	276	119	113	28	10	8	1 175
11mm to 15mm	235	214	225	88	72	25	16	2	877
More than 15mm	328	250	282	113	101	27	19	3	1 123
Unknown size	11	9	–	3	3	1	–	–	27
All cancers	915	753	783	323	289	81	45	13	3 202
All rounds									
10mm or less	393	321	312	136	121	33	10	10	1 336
11mm to 15mm	288	259	258	105	81	34	20	2	1 047
More than 15mm	416	315	367	140	117	36	25	6	1 422
Unknown size	12	14	–	4	3	1	–	–	34
All cancers	1 109	909	937	385	322	104	55	18	3 839

Table 12A.21

Table 12A.21 **Number of detected invasive cancers, by size and round, women aged over 40 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</i>
2007									
First round									
10mm or less	60	33	39	17	10	5	1	1	166
11mm to 15mm	67	29	32	26	9	2	4	4	173
More than 15mm	111	72	89	37	13	10	7	5	344
Unknown size	1	2	–	–	–	–	–	–	3
All cancers	239	136	160	80	32	17	12	10	686
Subsequent round									
10mm or less	311	261	260	110	107	30	16	2	1 097
11mm to 15mm	234	232	190	71	76	24	11	3	841
More than 15mm	307	276	300	112	88	25	18	6	1 132
Unknown size	4	12	–	3	5	–	–	–	24
All cancers	856	781	750	296	276	79	45	11	3 094
All rounds									
10mm or less	371	294	299	127	117	35	17	3	1 263
11mm to 15mm	301	261	222	97	85	26	15	7	1 014
More than 15mm	418	348	389	149	101	35	25	11	1 476
Unknown size	5	14	–	3	5	–	–	–	27
All cancers	1 095	917	910	376	308	96	57	21	3 780

(a) Non-breast malignancies not counted.

(b) For small jurisdictions, fluctuations due to small numbers can make comparisons unreliable.

– Nil or rounded to zero.

Source: State and Territory governments (unpublished).

12A.2 Mental health

Table 12A.22

Table 12A.22 Prevalence of lifetime mental disorders among adults aged 16–85 years, 2007 (per cent) (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Any 12-month mental disorder (c)									
Anxiety disorders	14.4 ± 1.7	15.4 ± 2.0	13.1 ± 2.5	15.1 ± 3.7	14.4 ± 3.3	np	np	np	14.4 ± 0.9
Affective disorders	6.4 ± 1.2	6.6 ± 1.7	6.1 ± 1.6	6.2 ± 1.8	6.3 ± 2.3	np	np	np	6.2 ± 0.7
Substance use disorders	4.2 ± 1.1	5.5 ± 1.3	5.8 ± 1.8	6.0 ± 2.2	5.5 ± 2.0	np	np	np	5.1 ± 0.7
Any 12-month mental disorder (c), (d)	20.1 ± 2.2	20.7 ± 2.3	19.2 ± 2.6	21.4 ± 4.1	19.1 ± 3.4	14.1 ± 5.4	np	np	20.0 ± 1.1
Lifetime mental disorder, with no 12-month symptoms (e)	23.2 ± 1.9	26.3 ± 2.9	28.1 ± 3.4	23.6 ± 4.1	26.3 ± 4.1	30.7 ± 6.9	np	33.3 ± 12.9	25.5 ± 1.4
Without lifetime mental disorders (f)	56.7 ± 2.2	53.0 ± 3.6	52.6 ± 3.8	55.1 ± 5.2	54.6 ± 4.5	55.2 ± 8.2	53.1 ± 11.9	49.0 ± 18.8	54.5 ± 1.4

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Estimates with RSEs greater than 25 per cent are considered unreliable. These estimates are not published.

(c) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(d) A person may have had more than one 12-month mental disorder. The components when added may therefore not add to the total shown.

(e) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(f) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.23

Table 12A.23 Prevalence of lifetime mental disorders among adults aged 16–85 years, by gender, 2007 (per cent) (a)

	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Any 12-month mental disorder (b), (c)			
Anxiety disorders			
Panic disorders	2.3 ± 0.7	2.8 ± 0.6	2.6 ± 0.5
Agoraphobia	2.1 ± 0.7	3.5 ± 0.7	2.8 ± 0.5
Social phobia	3.8 ± 1.0	5.7 ± 0.8	4.7 ± 0.6
Generalised anxiety disorder	2.0 ± 0.7	3.5 ± 0.8	2.7 ± 0.6
Obsessive compulsive disorder	1.6 ± 0.6	2.2 ± 0.5	1.9 ± 0.4
Post traumatic stress disorder	4.6 ± 1.0	8.3 ± 1.0	6.4 ± 0.6
<i>Any anxiety disorder (c)</i>	10.8 ± 1.4	17.9 ± 1.3	14.4 ± 0.9
Affective disorders			
Depression (d)	3.1 ± 0.8	5.1 ± 0.8	4.1 ± 0.6
Dysthymia	1.0 ± 0.4	1.5 ± 0.5	1.3 ± 0.3
Bipolar	1.8 ± 0.6	1.7 ± 0.4	1.8 ± 0.4
<i>Any affective disorder (c)</i>	5.3 ± 1.0	7.1 ± 1.0	6.2 ± 0.7
Substance use disorders			
Alcohol harmful use	3.8 ± 0.8	2.1 ± 0.6	2.9 ± 0.5
Alcohol dependence	2.2 ± 0.7	0.7 ± 0.2	1.4 ± 0.3
Drug use (e)	2.1 ± 0.6	0.8 ± 0.3	1.4 ± 0.3
<i>Any substance use disorder (c), (e)</i>	7.0 ± 1.2	3.3 ± 0.7	5.1 ± 0.7
Any 12-month mental disorder (c)	17.6 ± 1.9	22.3 ± 1.3	20.0 ± 1.1
Lifetime mental disorder, with no 12-month symptoms (f)	30.5 ± 2.2	20.7 ± 1.4	25.5 ± 1.4
No lifetime mental disorder (g)	51.9 ± 2.0	57.0 ± 1.7	54.5 ± 1.4

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(c) A person may have more than one mental disorder. Therefore the components may not add to the total.

(d) Includes severe depressive episode, moderate depressive episode and mild depressive episode.

(e) Includes harmful use and dependence.

(f) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(g) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.24

Table 12A.24 Prevalence of lifetime mental disorders among adults, by age, 2007 (per cent) (a), (b)

	16-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-85 years
Any 12-month mental disorder (c), (d)							
Anxiety disorders	15.4 ± 2.0	16.3 ± 2.8	18.1 ± 3.0	17.6 ± 3.0	11.3 ± 1.9	6.3 ± 1.5	4.0 ± 1.8
Affective disorders	6.3 ± 1.5	7.9 ± 2.1	8.3 ± 2.1	7.1 ± 2.2	4.2 ± 1.3	2.8 ± 1.2	np
Substance use disorders	12.7 ± 2.0	7.3 ± 2.2	4.6 ± 1.6	3.8 ± 1.6	np	np	np
Any 12-month mental disorder (c), (d)	26.4 ± 2.7	24.8 ± 3.2	23.3 ± 3.3	21.5 ± 3.5	13.6 ± 2.1	8.6 ± 1.6	5.9 ± 2.1
Lifetime mental disorder, with no 12-month symptoms (e)	13.2 ± 2.0	29.0 ± 4.4	30.7 ± 3.3	30.4 ± 4.2	27.6 ± 3.6	23.1 ± 2.6	16.2 ± 4.1
No lifetime mental disorder (f)	60.5 ± 3.0	46.2 ± 3.9	46.0 ± 3.3	48.2 ± 4.6	58.8 ± 4.1	68.3 ± 3.0	77.8 ± 4.6

(a) Estimates with RSEs greater than 25 per cent are considered unreliable. These estimates are not published.

(b) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(c) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(d) A person may have more than one mental disorder. Therefore the components may not add to the total.

(e) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(f) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.25 Prevalence of lifetime mental disorders among adults, by region, 2007 (per cent) (a)

	<i>Capital city</i>	<i>Balance of state</i>
Any 12-month mental disorder (b)		
Anxiety disorders	14.7 ± 1.2	13.8 ± 1.5
Affective disorders	6.7 ± 0.9	5.3 ± 0.9
Substance use disorders	5.5 ± 0.9	4.4 ± 0.9
Any 12-month mental disorder (b), (c)	20.5 ± 1.4	19.1 ± 1.9
Lifetime mental disorder, with no 12-month symptoms (d)	24.1 ± 1.9	28.2 ± 2.2
No lifetime mental disorder (e)	55.5 ± 1.9	52.8 ± 2.4

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(c) A person may have more than one mental disorder. Therefore the components may not add to the total.

(d) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(e) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

Source: ABS (unpublished), derived from the *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0, Canberra.

Table 12A.26

Table 12A.26 Labour force and employment participation among adults aged 16–64 years, by mental disorder status, 2007 (per cent) (a)

	Employed (b)		Unemployed (b)	In labour force	Not in the labour force
	Full-time	Part-time				Total
Any 12-month mental disorder (c)					
Anxiety disorders	59.9 ± 5.5	35.4 ± 5.3	95.3 ± 2.0	71.0 ± 3.4	29.0 ± 3.4
Affective disorders	57.4 ± 6.8	32.6 ± 7.0	90.0 ± 4.3	69.8 ± 4.3	30.2 ± 4.3
Substance use disorders	62.3 ± 6.9	30.8 ± 7.3	93.1 ± 3.3	83.0 ± 5.4	17.0 ± 5.4
Any 12-month mental disorder (c), (d)	59.8 ± 4.7	34.7 ± 4.4	94.5 ± 1.7	73.6 ± 2.7	26.4 ± 2.7
Lifetime mental disorder, with no 12-month symptoms (e)	68.7 ± 3.8	27.4 ± 3.7	96.1 ± 1.7	80.9 ± 2.4	19.1 ± 2.4
No lifetime mental disorder (f)	63.7 ± 2.3	33.1 ± 2.3	96.8 ± .9	78.4 ± 1.6	21.6 ± 1.6

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) The employed and unemployed rates are as a proportion of those in the labour force.

(c) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(d) A person may have more than one mental disorder. Therefore the components may not add to the total.

(e) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(f) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.27

Table 12A.27 **Education, training and employment participation among adults aged 16–30 years, by mental disorder status, 2007 (per cent) (a), (b)**

	<i>Studying (c)</i>		<i>Not studying</i>		<i>Total</i>
			<i>Unemployed/Not in</i>		
			<i>Employed</i>	<i>the labour force</i>		Total
Any 12-month mental disorder (d)	42.0 ± 4.9	44.3 ± 5.0	13.7 ± 3.0	58.0 ± 4.9	100.0 ± 0.0
Lifetime mental disorder, with no 12-month symptoms (e)	29.5 ± 6.6	55.9 ± 7.3	np	70.5 ± 6.6	100.0 ± 0.0
No lifetime mental disorder (f)	51.6 ± 3.8	39.2 ± 3.3	9.2 ± 2.2	48.4 ± 3.8	100.0 ± 0.0

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Estimates with RSEs greater than 25 per cent are considered unreliable. These estimates are not published.

(c) Includes people studying full-time and part-time and people still at school.

(d) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(e) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(f) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.28 Labour force and employment participation among adults aged 16–30 years, by mental disorder status, 2007 (per cent) (a)

	<i>Employed (b)</i>	<i>Unemployed (b)</i>	<i>Not in the labour force</i>
Any 12-month mental disorder (c)	92.1 ± 3.2	7.9 ± 3.2	19.2 ± 3.4
Lifetime mental disorder, with no 12-month symptoms (d)	92.2 ± 9.0	np	17.6 ± 6.2
No lifetime mental disorder (e)	93.6 ± 1.9	6.4 ± 1.9	22.1 ± 2.9

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent). Estimates with RSEs greater than 25 per cent are not published.

(b) The employed and unemployed rates are as a proportion of those in the labour force.

(c) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(d) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(e) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0, Canberra.

Table 12A.29

Table 12A.29 Services used for mental health problems, Australia, 2007 (per cent) (a), (b)

	With lifetime mental disorder		Total
	Symptoms in previous 12 months (c)	No symptoms in previous 12 months (d) disorder (e)	
Services used for mental health in previous 12 months			
GP	24.7 ± 2.4	6.2 ± 1.5	8.1 ± 0.7
Psychiatrist	7.9 ± 2.7	1.4 ± 0.7	2.3 ± 0.6
Psychologist	13.2 ± 2.1	1.8 ± 0.6	3.5 ± 0.5
Other mental health professional	7.7 ± 1.6	1.5 ± 0.5	2.2 ± 0.4
Other health professional	6.6 ± 1.6	2.1 ± 1.0	2.4 ± 0.5
Hospitalisation	2.6 ± 1.1	np	0.7 ± 0.3
Total who used health services	34.9 ± 3.1	9.2 ± 1.8	11.9 ± 0.9
Total who did not use services for mental health	65.1 ± 3.1	90.8 ± 1.8	88.1 ± 0.9

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Estimates with RSEs greater than 25 per cent are considered unreliable. These estimates are not published.

(c) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(d) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(e) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra.

Table 12A.30

Table 12A.30 Services used for mental health, by mental disorder status, 2007 (per cent) (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Total who used services for mental health in previous 12 months (c)									
Any 12-month mental disorder (d)	32.5 ± 6.4	37.0 ± 7.1	34.4 ± 7.0	35.8 ± 10.5	35.2 ± 9.1	np	np	np	34.9 ± 3.1
Lifetime mental disorder, with no 12-month symptoms (e)	7.6 ± 2.0	11.5 ± 4.0	9.0 ± 3.3	7.4 ± 3.6	np	np	np	np	9.2 ± 1.8
No lifetime mental disorder (f)	np	4.6 ± 1.8	5.6 ± 1.8	4.8 ± 2.3	np	np	np	np	4.7 ± 1.1
Total	10.9 ± 1.8	13.1 ± 2.2	12.1 ± 2.0	12.0 ± 2.5	11.0 ± 2.7	np	np	np	11.9 ± 0.9
Total who did not use services for mental health in previous 12 months									
Any 12-month mental disorder (d)	67.5 ± 6.4	63.0 ± 7.1	65.6 ± 7.0	64.2 ± 10.5	64.8 ± 9.1	65.5 ± 23.2	np	np	65.1 ± 3.1
Lifetime mental disorder, with no 12-month symptoms (e)	92.4 ± 2.0	88.5 ± 4.0	91.0 ± 3.3	92.6 ± 3.6	90.3 ± 5.7	87.8 ± 13.3	np	np	90.8 ± 1.8
No lifetime mental disorder (f)	95.4 ± 2.3	95.4 ± 1.8	94.4 ± 1.8	95.2 ± 2.3	96.1 ± 2.8	95.2 ± 7.1	np	np	95.2 ± 1.1
Total	89.1 ± 1.8	86.9 ± 2.2	87.9 ± 2.0	88.0 ± 2.5	88.6 ± 2.8	88.7 ± 6.9	81.6 ± 12.2	95.3 ± 6.2	88.1 ± 0.9

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent).

(b) Estimates with RSEs greater than 25 per cent are considered unreliable. These estimates are not published.

(c) Includes hospitalisations.

(d) Persons who met criteria for diagnosis of a lifetime mental disorder (with hierarchy) and had symptoms in the 12 months prior to interview.

(e) People who had experienced a mental disorder at some point in their life, but who did not have symptoms in the previous 12 months.

(f) Persons who did not meet criteria for diagnosis of a lifetime mental disorder.

np Not published.

Source: ABS (unpublished), derived from the 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0, Canberra

Table 12A.31

Table 12A.31 Real estimated Australian Government expenditure on mental health services (2006-07 dollars) (\$'000) (a), (b), (c)

<i>Expenditure</i>	2002-03	2003-04	2004-05	2005-06	2006-07
National Mental Health Strategy	112 489.4	105 747.8	119 725.8	147 779.0	132 432.2
Research (d)	27 426.9	28 110.8	33 716.5	37 659.6	40 216.3
MBS — consultant psychiatrist services	234 476.2	230 142.1	235 556.1	231 529.5	240 587.8
Pharmaceutical Benefits Schedule — psychiatric drugs (e)	645 308.8	678 570.3	687 834.1	668 242.2	663 866.5
General practitioners (f)	200 165.5	198 122.9	220 902.4	243 961.1	171 175.3
Private Hospital Insurance Premium Rebates (est) (g)	55 505.8	54 794.1	62 203.7	66 964.2	66 607.6
Department of Veterans' Affairs	153 523.1	143 913.9	135 950.2	131 556.6	143 973.4
National Suicide Prevention Strategy	11 987.9	11 239.8	13 274.3	9 064.5	17 311.1
MBS - Clinical Psychologists (h)	..	..	..	..	20 974.3
MBS - Other Allied Health (i)	..	..	..	..	34 876.7
FaHCSIA-managed COAG Action Plan programs (j)	..	..	..	..	15 470.0
DoHA-managed COAG Action Plan programs (nec) (k)	..	..	..	..	37 821.0
Other (l)	9 736.7	9 979.5	9 650.0	9 688.3	11 525.9
TOTAL	1 450 620.3	1 460 621.2	1 518 813.1	1 546 444.9	1 596 838.3
<i>Per cent</i>					
National Mental Health Strategy	7.8	7.2	7.9	9.6	8.3
Research (d)	1.9	1.9	2.2	2.4	2.5
MBS — consultant psychiatrist services	16.2	15.8	15.5	15.0	15.1
Pharmaceutical Benefits Schedule — psychiatric drugs (e)	44.5	46.5	45.3	43.2	41.6
General practitioners (f)	13.8	13.6	14.5	15.8	10.7
Private Hospital Insurance Premium Rebates (est) (g)	3.8	3.8	4.1	4.3	4.2
Department of Veterans' Affairs	10.6	9.9	9.0	8.5	9.0
National Suicide Prevention Strategy	0.8	0.8	0.9	0.6	1.1
MBS - Clinical Psychologists (h)	na	na	na	na	1.3
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Table 12A.31 Real estimated Australian Government expenditure on mental health services (2006-07 dollars) (\$'000) (a), (b), (c)

	2002-03	2003-04	2004-05	2005-06	2006-07
MBS - Other Allied Health (i)	na	na	na	na	2.2
FaHCSIA-managed COAG Action Plan programs (j)	na	na	na	na	1.0
DoHA-managed COAG Action Plan programs (nec) (k)	na	na	na	na	2.4
Other (l)	0.7	0.7	0.6	0.6	0.7
TOTAL	100.0	100.0	100.0	100.0	100.0

(a) All Australian Government 2006-07 expenditure data are preliminary. Final data will be as published in the *National Mental Health Report 2008*.

(b) Constant price expenditure for all years expressed in 2006-07 prices using the implicit price deflator for non-Farm GDP. Details provided in table 12A.70.

(c) See the *National Mental Health Report 2007* for a full description of the derivation of expenditure estimates.

(d) Expenditure on research for 2006-07 are on the National Health and Medical Research Council (NHMRC) website www.nhmrc.gov.au/grants/dataset/disease/mental.php. Expenditure data for 2002-03 to 2005-06 that were used to derive these results have been revised.

(e) Expenditure data for 2004-05 that were used to derive these results have been revised.

(f) Prior to 2006-07, General Practitioner (GP)-related mental health expenditure was estimated as 6.1 per cent of total Medicare Benefits Schedule (MBS) benefits paid for GP attendances, based on data and assumptions as detailed in the *National Mental Health Report 2007*. Commencing in November 2006, new mental health specific GP items were introduced under the Better Access to Mental Health Care initiative. To incorporate these changes, GP expenditure reported for 2006-07 is based on total MBS benefits paid against these new mental health specific items, plus 6.1 per cent of total GP Benefits paid in the period preceding the introduction of the new items (July and November 2006). Comparisons of GP mental health related expenditure reported for years prior to 2006-07 should be made with caution. In future years, expenditure on GP mental health care will be fully based on actual benefits paid under the *Better Access items* and not on derived estimates.

(g) Private hospital insurance premium rebates for 2006-07 are an estimate. Data for 2003-04 to 2005-06 have been revised.

(h) Expenditure on Clinical Psychologists is based on total MBS benefits paid for new Clinical Psychologist consultation items introduced on 1 November 2006 under the Better Access to Mental Health Care initiative. Comparable items did not exist in preceding years, and that these items were not available for the full 2006-07 period.

(i) Expenditure on Other Allied Health is based on total MBS benefits paid for new mental health items introduced on 1 November 2006 under the Better Access to Mental Health Care initiative, payable for services provided by registered psychologists and social workers and occupational therapists approved by Medicare Australia. These items were not available for the full 2006-07 period.

Table 12A.31 Real estimated Australian Government expenditure on mental health services (2006-07 dollars) (\$'000) (a), (b), (c)

	2002-03	2003-04	2004-05	2005-06	2006-07
(i) Expenditure on FaHCSIA-managed COAG Action Plan programs refers to funding outlays on three new initiatives funded by the Australian Government under the COAG Action Plan on Mental Health (Personal Helpers and Mentors, More Respite Care Places to Help Families and Carers, Community based programmes to help families coping with mental illness). Expenditure is as reported in the <i>COAG Action Plan on Mental Health 2007 Annual Progress Report</i> (www.coag.gov.au). As these programs only commenced during the 2006-07, expenditure reflects only part year operation.					
(k) Expenditure on DoHA-managed COAG Action Plan programs (nec) covers all programs funded by the Australian Government under the Action Plan and administered by the Department of Health and Ageing that are not reported elsewhere. Note that a small number of initiatives funded by the Australian Government under the Action Plan are not included in the data reported in the Report on Government Services as they are components of more general assistance programs. Full details of all expenditure by the Australian Government on the Action Plan initiatives in 2006-07 can be found in <i>COAG Action Plan on Mental Health 2007 Annual Progress Report</i> (www.coag.gov.au). As these programs only commenced during the 2006-07 year, expenditure reflects only part year operation.					
(l) 'Other' refers to time limited projects or specific programs that have been absorbed into general Australian Government programs. It includes Australian Government Rehabilitation Service Psychiatric Teams, Community Organisations Support Program, Division of General Practice Grants and Rural Health Support, Education and Training Grants.					
na Not available. ..Not applicable.					

Source: Australian Government (unpublished).

Table 12A.32

Table 12A.32 Real estimated recurrent expenditure at the discretion of State and Territory governments (2006-07 dollars)
(a), (b), (c), (d)

	NSW	Vic	Qld (e)	WA (f)	SA	Tas	ACT (g)	NT (h)	Aust
<i>Real recurrent expenditure (\$'000)</i>									
2002-03	751 248.2	604 581.4	384 126.4	267 314.9	178 612.3	49 463.8	38 677.7	19 715.3	2 293 739.9
2003-04	772 163.6	629 461.5	404 928.5	279 286.8	186 699.6	52 009.3	42 341.8	23 879.5	2 390 770.6
2004-05	799 170.6	684 849.0	424 595.6	311 312.5	209 959.9	56 625.9	46 186.7	26 455.5	2 559 155.7
2005-06	894 537.8	708 702.3	457 914.0	328 693.2	219 196.7	67 373.9	46 197.4	27 784.9	2 750 400.3
2006-07	948 149.6	726 029.2	514 281.5	345 227.8	244 242.0	77 710.1	53 073.2	31 447.3	2 940 160.6
<i>Real expenditure per person (\$)</i>									
2002-03	113	124	102	138	117	104	119	99	116
2003-04	115	127	105	142	122	108	130	119	119
2004-05	119	137	108	156	136	117	141	130	126
2005-06	132	139	113	161	141	138	139	133	134
2006-07	138	141	124	166	155	158	158	148	141

(a) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(b) Estimates of State and Territory government expenditure include revenue from other sources (including patient fees and reimbursement by third party compensation insurers), Australian government funding provided under the Australian Health Care Agreement base grants and 'other Australian Government funds', but exclude Australian Government funding provided under the National Mental Health Strategy (NMHS) and through the Department of Veterans' Affairs. Australian government funding that is excluded is actual payments to states and territories by the Australian Government for mental health reform under the Australian Health Care Agreements, including payments made from national mental health reform funding (Commonwealth Own Purpose Outlays).

(c) Depreciation is excluded for all years.

(d) Funding is a mix of Australian Government funds provided under the Australian Health Care Agreements as well as funds provided by State and Territory governments.

(e) Queensland total recurrent expenditure data for 2002-03 that were used to derive these results have been revised.

(f) WA total recurrent expenditure data for 2002-03, 2003-04 and 2004-05 and depreciation data for 2004-05 that were used to derive these results have been revised.

**Table 12A.32 Real estimated recurrent expenditure at the discretion of State and Territory governments (2006-07 dollars)
(a), (b), (c), (d)**

	NSW	Vic	Q/d (e)	WA (f)	SA	Tas	ACT (g)	NT (h)	Aust
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(g) ACT total recurrent expenditure data for 2002-03 and 2004-05 and depreciation data for 2002-03, 2003-04 and 2004-05 that were used to derive these results have been revised.

(h) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 2002-03 to 2004-05 data, expenditure were only reliably reported at the 'whole of department' level, now they are reported at the program level. This has had the effect of increasing the reported depreciation expenditure. Depreciation data for 2002-03 that were used to derive these results have been revised.

Source: AIHW (unpublished), derived from the *Mental Health Establishments National Minimum Data Set (MHE NMDS)*; State and Territory governments (unpublished); Australian Government (unpublished).

Table 12A.33 Real Australian Government recurrent expenditure on mental health services per person (2006-07 dollars) (a), (b)

	<i>\$ per person</i>
2002-03	73.37
2003-04	72.99
2004-05	75.00
2005-06	75.27
2006-07	76.58

(a) See the *National Mental Health Report 2007* for a full description of the derivation of expenditure estimates.

(b) Constant price expenditure for all years expressed in 2006-07 prices using the implicit price deflator for non-farm GDP. Details provided in table 12A.70.

Source: Australian Government (unpublished).

Table 12A.34

Table 12A.34 **Real estimated recurrent expenditure at the discretion of State and Territory governments — excluding other revenue (2006-07 dollars) (a), (b), (c), (d)**

	NSW	Vic	Qld (e)	WA (f)	SA	Tas	ACT (g)	NT (h)	Aust
<i>Real recurrent expenditure (excluding other revenue) (\$'000)</i>									
2002-03	730 557.4	591 711.8	379 383.1	264 509.8	175 503.8	49 017.5	36 901.9	19 564.5	2 247 149.7
2003-04	746 001.2	612 193.0	396 608.6	276 675.9	183 773.3	51 573.7	41 412.3	23 789.9	2 332 027.8
2004-05	770 866.4	661 828.5	414 433.5	308 534.7	206 884.5	54 144.9	45 454.6	26 452.7	2 488 599.7
2005-06	868 967.0	692 350.9	447 611.5	325 454.1	215 045.4	64 836.5	45 555.3	27 728.7	2 687 549.4
2006-07	929 240.8	696 866.2	504 553.5	341 915.4	240 960.3	74 953.1	52 391.5	31 389.3	2 872 270.0
<i>Real expenditure per person (excluding other revenue) (\$)</i>									
2002-03	110	121	101	137	115	103	114	98	114
2003-04	112	124	103	141	120	107	127	119	117
2004-05	115	132	105	154	134	112	139	130	123
2005-06	128	136	111	160	138	133	137	133	131
2006-07	136	135	122	164	153	152	156	148	138

(a) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(b) Estimates of State and Territory government expenditure include Australian government funding provided under the Australian Health Care Agreement base grants and 'other Australian Government funds', but exclude Australian Government funding provided under the National Mental Health Strategy (NMHS) Funds and through the Department of Veterans' Affairs. Australian Government funding that is excluded is actual payments to states and territories by the Australian Government for mental health reform under the Australian Health Care Agreements, including payments made from national mental health reform funding (Commonwealth Own Purpose Outlays).

(c) Depreciation excluded for all years.

(d) Funding is a mix of Australian Government funds provided under the Australian Health Care Agreements as well as funds provided by State and Territory governments.

(e) Queensland total recurrent expenditure data for 2002-03 that were used to derive these results have been revised.

(f) WA total recurrent expenditure data for 2002-03, 2003-04 and 2004-05 and depreciation data for 2004-05 that were used to derive these results have been revised.

Table 12A.34 Real estimated recurrent expenditure at the discretion of State and Territory governments — excluding other revenue (2006-07 dollars) (a), (b), (c), (d)

	NSW	Vic	Qld (e)	WA (f)	SA	Tas	ACT (g)	NT (h)	Aust
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(g) ACT total recurrent expenditure data for 2002-03 and 2004-05, depreciation data for 2002-03, 2003-04 and 2004-05 and 'other revenue' data for 2002-03 that were used to derive these results have been revised.

(h) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 2002-03 to 2004-05 data, expenditure were only reliably reported at the 'whole of department' level, for later years they are reported at the program level. This has had the effect of increasing the reported depreciation expenditure. Depreciation data for 2002-03 that were used to derive these results have been revised.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.35

Table 12A.35 **Depreciation (current prices) (\$'000s) (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT (d)</i>	<i>Aust</i>
2002-03	14 387	11 232	6 223	2 041	6	–	15	509	34 412
2003-04	12 789	6 971	7 967	2 577	21	–	11	38	30 374
2004-05	15 694	7 938	8 572	2 577	35	–	11	117	34 945
2005-06	12 391	7 386	8 453	4 282	49	–	138	–	32 699
2006-07	12 392	7 255	9 656	4 059	46	–	–	38	33 446

(a) See the *National Mental Health Report 2007* for a full description of the derivation of expenditure estimates.

(b) WA depreciation data for 2004-05 have been revised.

(c) ACT depreciation data for 2002-03, 2003-04 and 2004-05 have been revised.

(d) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 2002-03 to 2004-05 data, expenditure were only reliably reported at the 'whole of department' level, for later years they are reported at the program level. This has had the effect of increasing the reported depreciation expenditure. Depreciation data for 2002-03 have been revised.

– Nil or rounded to zero.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.36

Table 12A.36 Total state and territory recurrent expenditure on specialised mental health services (current prices) (a), (b), (c)

	NSW	Vic	Q/ld (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust
2002-03									
<i>Recurrent expenditure (\$'000)</i>									
Public psychiatric hospital	159 752	32 345	65 171	49 804	69 913	..	..	..	376 984
Public acute hospital	176 725	160 883	131 306	70 939	28 245	12 724	8 034	8 112	596 968
<i>Total inpatient expenditure</i>	336 476	193 228	196 478	120 743	98 158	12 724	8 034	8 112	973 952
Community residential	26 633	86 614	..	3 764	577	14 122	5 393	250	137 353
Ambulatory	255 594	207 677	111 575	91 904	57 860	14 196	16 747	7 954	763 507
Non-government organisation	12 359	44 221	20 228	12 915	3 426	1 858	2 717	1 220	98 945
Indirect	42 261	27 648	23 242	10 243	4 989	1 776	2 284	1 141	113 584
Total expenditure	673 324	559 388	351 523	239 569	165 010	44 676	35 175	18 677	2 087 341
<i>Per cent</i>									
Public psychiatric hospital	23.7	5.8	18.5	20.8	42.4	..	..	..	18.1
Public acute hospital	26.2	28.8	37.4	29.6	17.1	28.5	22.8	43.4	28.6
<i>Total inpatient expenditure</i>	50.0	34.5	55.9	50.4	59.5	28.5	22.8	43.4	46.7
Community residential	4.0	15.5	..	1.6	0.3	31.6	15.3	1.3	6.6
Ambulatory	38.0	37.1	31.7	38.4	35.1	31.8	47.6	42.6	36.6
Non-government organisation	1.8	7.9	5.8	5.4	2.1	4.2	7.7	6.5	4.7
Indirect	6.3	4.9	6.6	4.3	3.0	4.0	6.5	6.1	5.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2003-04									
<i>Recurrent expenditure (\$'000)</i>									
Public psychiatric hospital	179 488	33 562	60 485	55 270	74 598	..	..	..	403 403
Public acute hospital	210 554	166 269	143 976	78 497	29 802	13 466	8 999	9 287	660 849
<i>Total inpatient expenditure</i>	390 042	199 831	204 460	133 767	104 400	13 466	8 999	9 287	1 064 252
Community residential	25 184	94 656	..	3 740	1 075	14 536	5 390	211	144 792
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Table 12A.36

Table 12A.36 Total state and territory recurrent expenditure on specialised mental health services (current prices) (a), (b), (c)

	NSW	Vic	Q/d (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust
Ambulatory	280 290	220 204	122 164	102 652	61 437	15 414	18 840	9 752	830 752
Non-government organisation	15 588	53 099	21 371	13 068	5 466	2 377	3 273	1 202	115 444
Indirect	38 197	25 313	24 444	13 495	4 968	1 489	1 887	2 140	111 933
Total expenditure	749 301	593 103	372 439	266 722	177 345	47 282	38 389	22 592	2 267 172
<i>Per cent</i>									
Public psychiatric hospital	24.0	5.7	16.2	20.7	42.1	..	..	..	17.8
Public acute hospital	28.1	28.0	38.7	29.4	16.8	28.5	23.4	41.1	29.1
<i>Total inpatient expenditure</i>	52.1	33.7	54.9	50.2	58.9	28.5	23.4	41.1	46.9
Community residential	3.4	16.0	..	1.4	0.6	30.7	14.0	0.9	6.4
Ambulatory	37.4	37.1	32.8	38.5	34.6	32.6	49.1	43.2	36.6
Non-government organisation	2.1	9.0	5.7	4.9	3.1	5.0	8.5	5.3	5.1
Indirect	5.1	4.3	6.6	5.1	2.8	3.1	4.9	9.5	4.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>2004-05</i>									
<i>Recurrent expenditure (\$'000)</i>									
Public psychiatric hospital	173 966	32 057	61 996	59 858	80 774	..	..	..	408 650
Public acute hospital	233 763	197 412	155 409	88 252	31 836	19 411	8 183	9 724	743 990
<i>Total inpatient expenditure</i>	407 728	229 469	217 405	148 110	112 610	19 411	8 183	9 724	1 152 640
Community residential	25 402	101 714	..	4 189	2 136	10 858	5 450	227	149 976
Ambulatory	282 619	249 625	137 217	118 457	71 259	18 524	23 532	11 966	913 197
Non-government organisation	18 810	60 127	24 394	14 670	9 548	4 189	4 353	1 376	137 468
Indirect	46 461	26 299	25 519	10 440	6 478	2 587	2 148	2 613	122 544
Total expenditure	781 020	667 234	404 535	295 866	202 031	55 569	43 665	25 906	2 475 826
<i>Per cent</i>									
Public psychiatric hospital	22.3	4.8	15.3	20.2	40.0	16.5
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Table 12A.36

Table 12A.36 Total state and territory recurrent expenditure on specialised mental health services (current prices) (a), (b), (c)

	NSW	Vic	Q/d (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust
Public acute hospital	29.9	29.6	38.4	29.8	15.8	34.9	18.7	37.5	30.1
<i>Total inpatient expenditure</i>	52.2	34.4	53.7	50.1	55.7	34.9	18.7	37.5	46.6
Community residential	3.3	15.2	..	1.4	1.1	19.5	12.5	0.9	6.1
Ambulatory	36.2	37.4	33.9	40.0	35.3	33.3	53.9	46.2	36.9
Non-government organisation	2.4	9.0	6.0	5.0	4.7	7.5	10.0	5.3	5.6
Indirect	5.9	3.9	6.3	3.5	3.2	4.7	4.9	10.1	4.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2005-06									
<i>Recurrent expenditure (\$'000)</i>									
Public psychiatric hospital	189 480	32 119	67 303	61 716	83 058	-	-	-	433 677
Public acute hospital	271 282	191 759	174 879	91 670	36 604	21 188	8 885	10 327	806 594
<i>Total inpatient expenditure</i>	460 763	223 878	242 182	153 387	119 662	21 188	8 885	10 327	1 240 271
Community residential	24 866	121 568	-	5 148	2 713	15 890	6 166	344	176 695
Ambulatory	309 866	268 841	160 355	143 853	77 692	23 458	23 780	12 417	1 020 261
Non-government organisation	31 744	62 107	25 347	16 474	14 686	1 690	5 136	3 088	160 272
Indirect	64 155	32 200	26 764	7 234	5 140	4 971	2 219	2 048	144 731
Total expenditure	891 393	708 595	454 648	326 095	219 893	67 197	46 185	28 223	2 742 230
<i>Per cent</i>									
Public psychiatric hospital	21.3	4.5	14.8	18.9	37.8	-	-	-	15.8
Public acute hospital	30.4	27.1	38.5	28.1	16.6	31.5	19.2	36.6	29.4
<i>Total inpatient expenditure</i>	51.7	31.6	53.3	47.0	54.4	31.5	19.2	36.6	45.2
Community residential	2.8	17.2	-	1.6	1.2	23.6	13.4	1.2	6.4
Ambulatory	34.8	37.9	35.3	44.1	35.3	34.9	51.5	44.0	37.2
Non-government organisation	3.6	8.8	5.6	5.1	6.7	2.5	11.1	10.9	5.8
Indirect	7.2	4.5	5.9	2.2	2.3	7.4	4.8	7.3	5.3
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Table 12A.36

Table 12A.36 Total state and territory recurrent expenditure on specialised mental health services (current prices) (a), (b), (c)

	NSW	Vic	Q/ld (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2006-07									
Recurrent expenditure (\$'000)									
Public psychiatric hospital (i)	191 750	35 197	72 359	66 398	81 445	—	—	—	447 149
Public acute hospital	318 683	205 443	187 623	99 174	55 292	28 522	13 606	9 767	918 110
Total inpatient expenditure	510 433	240 640	259 982	165 572	136 737	28 522	13 606	9 767	1 365 259
Community residential	29 048	122 709	—	6 510	2 846	18 109	6 938	530	186 690
Ambulatory	336 571	286 010	209 288	154 388	86 905	25 741	27 125	16 545	1 142 572
Non-government organisation	40 548	65 364	31 120	18 025	21 803	3 266	5 283	4 069	189 477
Indirect	63 236	36 460	30 684	10 696	4 760	4 263	1 778	2 115	153 991
Total expenditure	979 835	751 183	531 074	355 191	253 050	79 900	54 730	33 026	3 037 990
Per cent									
Public psychiatric hospital	19.6	4.7	13.6	18.7	32.2	—	—	—	14.7
Public acute hospital	32.5	27.3	35.3	27.9	21.9	35.7	24.9	29.6	30.2
Total inpatient expenditure	52.1	32.0	49.0	46.6	54.0	35.7	24.9	29.6	44.9
Community residential	3.0	16.3	—	1.8	1.1	22.7	12.7	1.6	6.1
Ambulatory	34.3	38.1	39.4	43.5	34.3	32.2	49.6	50.1	37.6
Non-government organisation	4.1	8.7	5.9	5.1	8.6	4.1	9.7	12.3	6.2
Indirect	6.5	4.9	5.8	3.0	1.9	5.3	3.2	6.4	5.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Expenditure is current prices for all years and includes all spending, regardless of source of funds.

(b) Depreciation is excluded for all years.

(c) See the *National Mental Health Report 2007* for a full description of the derivation of expenditure estimates.

Table 12A.36

Table 12A.36 Total state and territory recurrent expenditure on specialised mental health services (current prices) (a), (b), (c)

	NSW	Vic	Q/ld (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust
(d)	Queensland does not fund community residential services, however, it funds a number of extended treatment services, both campus and non-campus based, which provide longer term inpatient treatment and rehabilitation services with a full clinical staffing 24 hours a day seven days a week. In addition, Queensland have advised that funding to non-government services for psychiatric disability support services is administered either by Queensland Health or Disability Services Queensland (DSQ). Queensland expenditure data on public psychiatric and public acute hospitals for 2003-04 and 2004-05 and expenditure on ambulatory, non-government organisation and indirect expenditure for 2002-03 have been revised.								
(e)	The following WA expenditure data have been revised: public acute hospitals in 2002-03, ambulatory for 2002-03 and non-government for 2004-05.								
(f)	For Tasmania, in 2005-06, non-government organisations (NGOs) providing residential services are included for the first time in the community residential category. As these NGOs are now categorised as residential services, NGO funding has decreased from previous years. Indirect/residual expenditure represents State indirect/residual expenditure. If organisational indirect expenditure were included this expenditure would be \$10 719 100.								
(g)	The following ACT expenditure data have been revised: public acute hospitals for 2002-03, 2003-04 and 2004-05; ambulatory for 2002-03, 2003-04 and 2004-05; non-government for 2002-03 and 2004-05; indirect for 2002-03, 2003-04 and 2004-05.								
(h)	The following NT expenditure data have been revised: public acute hospitals for 2002-03 and 2004-05; ambulatory for 2002-03 and 2004-05; non-government for 2002-03; and indirect for 2002-03 and 2004-05.								
(i)	Apportioning of indirect funds is undertaken at the service setting level. .. Not applicable. – Nil or rounded to zero.								

Source: AIHW (unpublished), derived from the MHE NMDS; State and Territory governments (unpublished).

Table 12A.37 Percentage of population receiving clinical mental health care, 2006-07 (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</i>
State/territory mental health services (c)	1.6	1.1	1.8	1.8	1.7	0.9	1.8	2.2	1.5
Medicare-funded services (d)									
Private Psychiatrists	1.3	1.5	1.2	1.0	1.6	1.0	1.0	0.4	1.3
General Practitioners	2.0	2.2	1.7	1.6	1.6	1.7	1.6	0.7	1.9
Clinical Psychologists	0.2	0.2	0.1	0.4	0.2	0.3	0.2	0.1	0.2
Allied Health	0.6	0.8	0.6	0.2	0.4	0.5	0.5	0.2	0.6
All MBS funded services	3.2	3.6	2.8	2.5	3.1	2.6	2.5	1.1	3.1

- (a) Estimates are preliminary only and based on unique counts of individuals receiving care from the particular services within the year. An individual is only counted once regardless of the number of services received. An individual could have received a Medicare-funded and a state/territory mental health service in the given year.
- (b) Jurisdictions differ in their capacity to provide accurate estimates of persons receiving services due to the lack of unique patient identifiers, or data matching systems. NSW, Tasmania and SA data are not derived using a unique patient identifier or data matching approaches.
- (c) Person counts for state and territory mental health services are confined to those receiving one or more contacts provided by ambulatory mental health services. All service contacts are counted in defining whether a person receives a service, including those delivered 'on behalf' of the consumer.
- (d) All Medicare funded data are based on year of processing, as provided by the Australian Government Department of Health and Ageing and billing data maintained by Medicare Australia. A significant component of the data includes services provided under the Australian Government Better Access to Mental Health Care initiative, which commenced on 1 November 2006.

Source: AHMC (2008) *Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2006-07*, Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council, www.coag.gov.au/reports/docs/AHMC_COAG_mental_health.doc (accessed 9 October 2008).

Table 12A.38

Table 12A.38 **GP Mental Health Care MBS items processed, 2007-08 (a), (b), (c)**

<i>Unit</i>	<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</i>
GP Mental Health Care Plans									
Preparing a Plan									
no. '000	173.1	142.9	90.3	44.0	32.6	10.7	7.3	1.9	502.8
per 1 000 people	24.7	27.2	21.4	20.7	20.5	21.4	21.0	9.2	23.7
Reviewing a Plan									
no. '000	56.6	48.8	26.6	14.7	9.4	3.1	2.1	0.4	161.6
per 1 000 people	8.1	9.3	6.3	6.9	5.9	6.2	5.9	2.0	7.6
Mental Health Consultation									
no. '000	178.2	144.1	92.7	47.6	38.8	9.5	5.6	2.8	519.3
per 1 000 people	25.5	27.4	22.0	22.4	24.5	19.0	16.1	13.1	24.5
Total GP Mental Health Care Plans									
no. '000	407.9	335.8	209.5	106.3	80.8	23.3	14.9	5.1	1 183.7
per 1 000 people	58.3	63.8	49.8	50.1	50.9	46.6	42.9	24.2	55.7
Focussed Psychological Strategies									
no. '000	13.3	10.4	7.1	1.5	4.2	0.4	0.4	–	37.1
per 1 000 people	1.9	2.0	1.7	0.7	2.6	0.8	1.1	0.2	1.8
All GP Mental Health Items									
no. '000	421.1	346.2	216.6	107.8	84.9	23.7	15.3	5.1	1 220.8
per 1 000 people	60.2	65.8	51.4	50.8	53.6	47.4	44.0	24.4	57.5

(a) GP Mental Health Care Plans are defined under MBS items 2710, 2712 and 2713. See the Medicare Benefits Schedule for more information on these items.

(b) Focussed Psychological Strategies are defined under MBS items 2721, 2723, 2725 and 2727. See the Medicare Benefits Schedule for more information on these items.

(c) Rates are derived from the Medicare Item Reports per capita counts. The Medicare per capita counts are expressed per 100 000 and are derived by dividing the number of services processed in the financial year by the average monthly number of people enrolled in Medicare across the financial year.

– Nil or rounded to zero.

Source: Medicare Australia (2008) *Medicare Item Reports*,
(www.medicareaustralia.gov.au/statistics/mbs_item.shtml)

Table 12A.39

Table 12A.39 Available beds in specialised mental health services (a)

	NSW	Vic	Qld (b)	WA (c)	SA	Tas (d)	ACT (e)	NT	Aust
<i>No. of beds</i>									
Public psychiatric hospitals									
2002-03	1 083	143	395	246	478	..	..	..	2 345
2003-04	1 067	143	395	245	461	..	..	..	2 311
2004-05	1 082	115	395	245	461	..	..	..	2 298
2005-06	1 072	116	375	245	455	..	..	..	2 263
2006-07	1 062	134	375	254	388	..	..	..	2 213
Public acute hospitals with psychiatric units or wards									
2002-03	991	1 008	1 008	394	177	109	50	32	3 769
2003-04	1 020	1 013	1 025	394	177	109	50	32	3 820
2004-05	1 053	1 070	1 029	398	172	130	50	32	3 934
2005-06	1 151	1 045	1 014	403	188	125	50	32	4 008
2006-07	1 227	1 055	1 022	415	247	126	70	34	4 196
Publicly funded community residential facilities									
2002-03	545	1 194	..	77	20	140	84	10	2 070
2003-04	568	1 193	..	81	27	122	93	10	2 094
2004-05	541	1 188	..	81	37	91	88	10	2 036
2005-06	440	1 266	..	80	43	174	80	10	2 093
2006-07	446	1 315	..	85	63	176	75	10	2 170
<i>Beds per 100 000 people</i>									
Public psychiatric hospitals									
2002-03	16.3	2.9	10.5	12.7	31.3	..	..	..	11.9
2003-04	16.0	2.9	10.2	12.5	30.0	..	..	..	11.5
2004-05	16.1	2.3	10.0	12.3	29.8	..	..	..	11.3
2005-06	15.8	2.3	9.3	12.0	29.2	..	..	..	11.0
2006-07	15.5	2.6	9.1	12.2	24.6	..	..	..	10.6
Public acute hospitals with psychiatric units or wards									
2002-03	14.9	20.6	26.8	20.3	11.6	23.0	15.4	16.1	19.1
2003-04	15.2	20.5	26.6	20.0	11.5	22.7	15.3	16.0	19.1
2004-05	15.6	21.3	26.1	19.9	11.1	26.8	15.2	15.7	19.4
2005-06	17.0	20.5	25.1	19.8	12.1	25.6	15.0	15.4	19.5
2006-07	17.9	20.4	24.7	19.9	15.7	25.6	20.8	16.0	20.1
Publicly funded community residential facilities									
2002-03	8.2	24.4	..	4.0	1.3	29.5	25.9	5.0	10.5
2003-04	8.5	24.1	..	4.1	1.8	25.4	28.5	5.0	10.5
2004-05	8.0	23.7	..	4.1	2.4	18.8	26.8	4.9	10.1
2005-06	6.5	24.9	..	3.9	2.8	35.6	24.1	4.8	10.2
2006-07	6.5	25.5	..	4.1	4.0	35.8	22.3	4.7	10.4
Total									
2002-03	39.4	47.9	37.3	37.0	44.2	52.4	41.3	21.1	41.4
2003-04	39.7	47.4	36.8	36.6	43.3	48.0	43.9	20.9	41.1

Table 12A.39

Table 12A.39 Available beds in specialised mental health services (a)

	NSW	Vic	Qld (b)	WA (c)	SA	Tas (d)	ACT (e)	NT	Aust
2004-05	39.8	47.3	36.1	36.2	43.4	45.6	42.1	20.6	40.8
2005-06	39.2	47.7	34.3	35.7	44.0	61.2	39.1	20.2	40.7
2006-07	39.9	48.5	33.8	36.2	44.3	61.4	43.1	20.7	41.1

- (a) Bed numbers represent the average number of beds which are immediately available for use by an admitted patient or resident within the establishment. See the *National Mental Health Report 2007* for a full description of the derivation of bed estimates. Available beds were counted differently across years. For 2005-06 and 2006-07, available beds are counted as the average of monthly available bed numbers. For previous years, jurisdictions available beds are counted at 30 June. In addition, for 2005-06 and 2006-07 available beds counts excluded beds in wards that were closed for any reason (except weekend closures for beds/wards staffed and available on weekdays only). For previous years, available beds counts included wards that were temporarily closed for reasons such as renovation or strike, but that would normally be open.
- (b) Queensland does not fund community residential services, however, it funds a number of campus based and non-campus based extended treatment services. These services are reported either as wards of public acute hospitals or beds in public psychiatric hospitals. Furthermore, limiting the classification of all inpatient beds to either co-located or standalone results in the reporting of some psychogeriatric beds co-located with nursing homes being reported as 'standalone' which results in the reporting of these beds as psychiatric hospital beds in this report. The reduction in the number of beds in public acute hospitals with psychiatric units or wards is a result of a temporary closure of some beds in one hospital.
- (c) Bed numbers in WA for 2005-06 include emergency department observation beds in one hospital.
- (d) In Tasmania, for 2005-06, non-government organisations' residential beds funded by government are included for the first time in the publicly funded community residential facilities category. This has led to a significant change in the bed numbers between 2004-05 and 2005-06.
- (e) In the ACT, for 2004-05, total beds in the publicly funded community residential facilities category include the NGO sector, group houses and respite beds. Bed numbers for 2004-05 have been revised.

.. Not applicable.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.40

Table 12A.40 Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT (f)</i>	<i>Aust</i>
2002-03									
Medical									
Consultant psychiatrist	3.3	4.2	3.4	5.2	4.3	3.5	3.3	3.0	3.8
Psychiatry registrar	4.1	4.6	4.9	4.9	6.1	2.1	2.3	3.5	4.5
Other medical officers	1.3	1.6	0.9	2.0	1.8	..	1.1	2.0	1.4
Total	8.7	10.4	9.2	12.0	12.2	5.5	6.7	8.5	9.7
Nursing									
Registered nursing	44.0	52.7	46.2	56.5	56.7	50.7	36.7	43.5	48.8
Non-registered	8.2	8.9	7.7	7.7	11.9	12.4	5.2	–	8.5
Total	52.2	61.6	53.9	64.2	68.6	63.0	42.0	43.5	57.3
Allied health									
Occupation therapist	3.1	4.0	2.9	6.6	3.0	1.2	2.3	0.5	3.5
Social worker	4.5	6.7	6.1	7.9	11.7	3.7	10.0	2.0	6.3
Psychologist	8.1	7.2	6.8	6.3	4.7	3.7	17.0	3.0	7.2
Other allied health staff	4.8	2.7	3.1	5.6	3.0	3.3	3.1	4.5	3.8
Total	20.5	20.7	18.9	26.4	22.4	11.9	32.3	10.0	20.8
Total	81.3	92.7	82.0	102.6	103.2	80.5	81.0	62.0	87.8
2003-04									
Medical									
Consultant psychiatrist	3.8	4.3	3.6	4.9	4.4	3.9	3.4	4.0	4.1
Psychiatry registrar	3.9	4.7	4.7	5.3	6.5	3.0	3.2	3.8	4.6
Other medical officers	1.1	1.7	0.8	1.7	1.4	0.3	1.0	2.4	1.3
Total	8.9	10.8	9.1	11.9	12.3	7.2	7.6	10.2	9.9
Nursing									
Registered nursing	47.5	59.0	46.5	57.1	59.4	56.0	36.7	50.0	52.0
Non-registered	7.9	6.4	8.0	7.7	9.2	10.4	6.3	–	7.6
Total	55.4	65.4	54.5	64.7	68.7	66.4	43.0	50.0	59.6
Allied health									
Occupation therapist	2.9	4.4	3.4	6.0	2.8	1.8	2.1	0.5	3.6
Social worker	5.2	8.0	6.5	7.8	10.7	3.5	9.8	2.5	6.8
Psychologist	8.5	6.9	7.3	6.0	5.5	5.2	17.2	4.5	7.4
Other allied health staff	4.5	2.4	3.0	6.0	3.2	3.6	3.1	7.7	3.8
Total	21.1	21.8	20.2	25.8	22.2	14.0	32.2	15.2	21.6
Total	85.4	98.0	83.9	102.4	103.1	87.6	82.8	75.4	91.2
2004-05									
Medical									
Consultant psychiatrist	4.3	4.3	3.5	5.4	4.6	4.8	3.2	3.6	4.3
Psychiatry registrar	4.5	4.8	5.1	5.6	6.7	2.5	4.0	6.3	4.9
Other medical officers	1.4	1.6	0.8	1.8	1.4	0.3	1.2	0.9	1.4

Table 12A.40

Table 12A.40 Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT (f)</i>	<i>Aust</i>
Total	10.2	10.8	9.4	12.8	12.7	7.7	8.4	10.7	10.5
Nursing									
Registered nursing	50.2	54.6	45.8	57.9	56.9	55.9	35.6	43.9	51.5
Non-registered	7.8	9.1	7.8	9.7	12.6	10.1	7.0	4.1	8.7
Total	58.0	63.7	53.6	67.6	69.5	66.0	42.6	48.0	60.2
Allied health									
Occupation therapist	3.2	4.4	3.3	6.1	2.8	1.2	3.0	0.5	3.7
Social worker	4.6	8.2	6.5	8.2	12.0	3.9	10.5	3.9	6.9
Psychologist	8.2	6.8	7.0	6.2	5.6	5.0	17.9	5.9	7.3
Other allied health staff	4.8	3.5	3.1	5.6	3.7	3.2	3.0	3.9	4.1
Total	20.8	22.8	19.9	26.1	24.1	13.3	34.4	14.2	21.9
Total	88.9	97.3	82.9	106.6	106.3	86.9	85.4	73.0	92.6
2005-06									
Medical									
Consultant psychiatrist	5.4	4.5	4.2	4.9	5.0	5.0	3.2	3.7	4.8
Psychiatry registrar	4.6	4.6	4.9	4.4	5.7	2.9	5.1	3.1	4.7
Other medical officers	0.8	1.9	0.8	2.9	1.6	0.8	1.4	2.7	1.4
Total	10.9	11.1	9.9	12.1	12.3	8.8	9.7	9.5	10.9
Nursing									
Registered nursing	52.6	53.0	46.8	63.0	56.3	60.3	37.9	40.4	52.7
Non-registered	8.2	11.8	7.5	7.9	14.4	10.3	7.0	3.8	9.4
Total	60.8	64.9	54.3	70.9	70.7	70.6	44.9	44.2	62.1
Allied health									
Occupation therapist	3.1	4.4	3.6	5.9	3.0	1.8	–	0.5	3.7
Social worker	5.2	8.5	6.8	8.4	12.4	4.0	0.3	2.4	7.1
Psychologist	8.4	7.7	7.6	7.1	5.4	5.5	0.1	5.8	7.5
Other allied health staff	5.1	3.3	2.8	5.7	3.5	5.9	33.3	8.2	4.6
Total	21.9	23.8	20.7	27.1	24.3	17.3	33.7	16.8	22.8
Total	93.5	99.7	85.0	110.1	107.4	96.7	88.4	70.5	95.8
2006-07									
Medical									
Consultant psychiatrist	5.5	4.6	4.6	4.8	5.7	4.5	3.9	3.9	5.0
Psychiatry registrar	5.3	4.4	5.7	4.8	6.0	2.8	4.5	4.5	5.1
Other medical officers	0.7	1.6	0.9	3.4	1.6	1.0	0.5	1.6	1.3
Total	11.5	10.6	11.2	12.9	13.3	8.4	8.9	10.0	11.4
Nursing									
Registered nursing	53.8	51.4	50.4	61.5	60.6	65.0	41.9	40.4	53.7
Non-registered	8.1	13.9	7.6	8.7	13.7	10.6	8.4	4.9	10.0
Total	61.9	65.3	58.1	70.2	74.2	75.6	50.4	45.3	63.7

Table 12A.40

Table 12A.40 **Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (a), (b)**

	NSW	Vic	Qld (c)	WA (d)	SA	Tas	ACT (e)	NT (f)	Aust
Allied health									
Occupation therapist	3.2	4.7	3.5	6.3	3.6	3.0	1.8	0.5	3.9
Social worker	5.2	8.7	6.9	9.5	12.5	6.1	6.0	3.6	7.4
Psychologist	8.2	8.2	8.0	8.1	5.1	5.5	18.0	5.6	8.0
Other allied health staff	5.4	2.8	2.9	5.3	3.9	5.8	2.1	6.1	4.1
Total	22.0	24.3	21.3	29.2	25.1	20.3	27.9	15.7	23.4
Total	95.4	100.2	90.6	112.3	112.7	104.3	87.1	71.0	98.4

- (a) Professional categories are defined by profession rather than role. See the *National Mental Health Report 2007* for a full description of the derivation of staffing estimates.
- (b) Total FTE figures presented in this table differ from those in table 12A.41 as it does not include 'other personal care' direct care staff which are included in table 12A.41 totals. See section 12.7 for definitions.
- (c) The following Queensland data have been revised: psychiatry registrar and other medical officers for 2004-05, and registered nurses for 2002-03.
- (d) The following WA data have been revised: other medical officers for 2002-03; registered nurses for 2002-03; psychologist for 2002-03; and other allied health staff for 2002-03 and 2003-04.
- (e) The following ACT data have been revised: non-registered nurses for 2002-03; psychologist and other allied health staff for 2002-03; all allied health professionals for 2003-04; and other allied health staff for 2004-05.
- (f) The following NT data have been revised: social workers for 2004-05; and other allied health staff for 2002-03 and 2004-05.
- .. Not applicable. – Nil or rounded to zero.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.41

Table 12A.41 **Full time equivalent (FTE) direct care staff employed in specialised mental health services, by service setting (per 100 000 people) (a), (b)**

	NSW	Vic	Qld (c)	WA (d)	SA	Tas	ACT (e)	NT	Aust
2002-03									
Inpatient services	42.7	36.1	54.8	58.5	64.4	34.9	21.9	34.4	46.0
Ambulatory mental health services	35.9	37.8	30.8	43.8	39.6	32.1	47.5	31.8	36.5
Community residential services	4.8	20.9	..	2.4	0.3	30.6	15.7	1.4	8.1
Total	83.5	94.8	85.6	104.7	104.3	97.5	85.1	67.6	90.6
2003-04									
Inpatient services	46.9	35.2	55.1	59.2	62.6	43.7	23.5	36.0	47.4
Ambulatory mental health services	35.4	42.9	32.2	42.6	41.1	34.5	44.7	38.3	37.9
Community residential services	4.1	22.2	..	2.4	0.6	26.3	16.9	1.0	8.1
Total	86.4	100.3	87.3	104.3	104.3	104.5	85.1	75.3	93.4
2004-05									
Inpatient services	49.0	36.2	54.0	61.0	62.0	47.1	21.1	35.2	48.3
Ambulatory mental health services	36.2	42.2	33.1	45.0	43.9	33.8	52.2	41.1	38.8
Community residential services	3.8	21.6	..	2.4	1.1	21.5	17.2	1.2	7.7
Total	88.9	100.0	87.1	108.4	107.0	102.4	90.5	77.5	94.8
2005-06									
Inpatient services	53.0	36.5	54.4	62.3	62.3	48.7	25.5	30.5	50.0
Ambulatory mental health services	38.3	43.6	35.2	49.3	44.6	40.9	50.2	40.4	40.8
Community residential services	4.0	22.4	..	2.9	1.4	37.8	19.2	1.9	8.5
Total	95.3	102.5	89.6	114.5	108.3	127.4	94.8	72.8	99.3
2006-07									
Inpatient services	55.0	36.9	55.7	63.8	66.8	58.6	28.4	30.1	51.8
Ambulatory mental health services	38.4	44.2	39.9	49.5	46.0	40.2	50.8	38.1	42.1
Community residential services	4.3	21.4	..	3.2	1.4	32.3	16.5	1.3	8.2
Total	97.7	102.5	95.6	116.6	114.1	131.0	95.6	69.5	102.1

(a) Professional categories are defined by profession rather than role. See the *National Mental Health Report 2007* for a full description of the derivation of staffing estimates.

(b) Total FTE figures in this table differ from those in table 12A.40 as they include 'other personal care' direct care staff which are not included in table 12A.40 totals. See section 12.7 for definitions.

(c) The apparent absence of community residential services in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'.

(d) WA data for community residential services in 2002-03 have been revised.

Table 12A.41 Full time equivalent (FTE) direct care staff employed in specialised mental health services, by service setting (per 100 000 people) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
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(e) ACT data for 2002-03 have been revised.

.. Not applicable.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.42

Table 12A.42 Mental health patient days (a)

Patient days	NSW	Vic	Qld (b)	WA	SA	Tas	ACT	NT	Aust
Acute units									
2002-03	361 321	298 370	197 235	153 202	116 794	33 436	13 952	9 326	1 183 636
2003-04	381 548	309 731	205 405	155 591	117 680	35 217	14 157	10 053	1 229 382
2004-05	424 529	321 498	212 491	168 251	116 001	35 824	15 420	11 410	1 305 424
2005-06	465 136	325 855	216 029	167 257	117 148	30 681	15 342	11 266	1 348 714
2006-07	498 783	328 817	219 060	165 365	120 755	28 219	16 419	11 854	1 389 272
Nonacute units									
2002-03	261 387	65 520	199 821	42 521	98 352	..	..	..	667 601
2003-04	259 436	60 791	216 908	47 453	94 715	..	..	..	679 303
2004-05	268 172	63 311	227 948	47 263	96 023	7 440	..	..	710 157
2005-06	260 682	55 745	225 242	44 800	90 200	9 074	..	..	685 743
2006-07	256 129	56 837	220 228	50 751	84 637	9 482	..	..	678 064
24-hour community residential									
2002-03	73 994	293 544	..	7 048	5 204	40 919	10 171	..	430 880
2003-04	84 160	315 897	..	7 038	5 273	38 657	13 216	..	464 241
2004-05	58 474	319 708	..	6 891	8 266	31 638	13 051	..	438 028
2005-06	73 112	319 509	..	11 380	8 635	44 407	13 981	..	471 024
2006-07	73 773	330 746	..	12 006	9 232	54 623	14 023	..	494 403
Patient days per 1000 people									
Acute units									
2002-03	54.3	61.0	52.4	79.1	76.5	70.4	43.0	46.8	59.9
2003-04	57.0	62.5	53.3	79.1	76.6	73.3	43.4	50.1	61.4
2004-05	63.1	64.1	53.8	84.2	75.1	73.9	47.0	56.0	64.5
2005-06	68.5	64.1	53.4	82.1	75.1	62.8	46.2	54.1	65.6
2006-07	72.8	63.7	53.0	79.5	76.6	57.4	48.8	55.8	66.6
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Table 12A.42

Table 12A.42 Mental health patient days (a)

	NSW	Vic	Qld (b)	WA	SA	Tas	ACT	NT	Aust
Nonacute units									
2002-03	39.3	13.4	53.1	21.9	64.5	..	..	..	33.8
2003-04	38.8	12.3	56.2	24.1	61.7	..	..	..	33.9
2004-05	39.9	12.6	57.8	23.6	62.1	15.4	..	..	35.1
2005-06	38.4	11.0	55.7	22.0	57.8	18.6	..	..	33.4
2006-07	37.4	11.0	53.3	24.4	53.7	19.3	..	..	32.5
24-hour community residential									
2002-03	11.1	60.0	..	3.6	3.4	86.2	31.4	..	21.8
2003-04	12.6	63.8	..	3.6	3.4	80.4	40.5	..	23.2
2004-05	8.7	63.8	..	3.4	5.3	65.3	39.8	..	21.6
2005-06	10.8	62.8	..	5.6	5.5	90.9	42.1	..	22.9
2006-07	10.8	64.0	..	5.8	5.9	111.1	41.7	..	23.7

(a) See the *National Mental Health Report 2007* for a full description of the derivation of patient day estimates.

(b) Queensland does not fund community residential services, however, it funds a number of campus based and non-campus based extended treatment services. Data from these services are included as nonacute.

.. Not applicable.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.43

Table 12A.43 Separations, with psychiatric care, public hospitals, Australia, 2005-06 (a)

ICD-10		Public acute hospitals	Public psychiatric hospitals	Total	Per cent
		no.	no.	no.	%
F00-F03	Dementia	609	188	797	0.9
F04-F09	Other organic mental disorders	599	146	745	0.8
F10	Mental and behavioural disorders due to use of alcohol	1 623	542	2 165	2.4
F11-F19	Mental and behavioural disorders due to other psychoactive substances use	3 464	878	4 342	4.9
F20	Schizophrenia	17 402	3 231	20 633	23.1
F21, F24, F28, F29	Schizotypal and other delusional disorders	1 505	260	1 765	2.0
F22	Persistent delusional disorders	787	163	950	1.1
F23	Acute and transient psychotic disorders	1 309	217	1 526	1.7
F25	Schizoaffective disorders	5 078	1 028	6 106	6.8
F30	Manic episode	499	71	570	0.6
F31	Bipolar affective disorders	7 331	1 157	8 488	9.5
F32	Depressive episode	10 844	1 068	11 912	13.3
F33	Recurrent depressive disorders	3 761	251	4 012	4.5
F34	Persistent mood (affective) disorders	910	109	1 019	1.1
F38, F39	Other and unspecified mood (affective) disorders	143	41	184	0.2
F40	Phobic anxiety disorders	62	14	76	0.1
F41	Other anxiety disorders	994	57	1 051	1.2
F42	Obsessive-compulsive disorders	239	22	261	0.3
F43	Reaction to severe stress and adjustment disorders	7 232	1 402	8 634	9.7
F44	Dissociative (conversion) disorders	124	13	137	0.2
F45, F48	Somatiform and other neurotic disorders	79	10	89	0.1
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Table 12A.43

Table 12A.43 Separations, with psychiatric care, public hospitals, Australia, 2005-06 (a)

ICD-10	Public acute hospitals	Public psychiatric hospitals	Total	Per cent
F50	604	15	619	0.7
F51-F59	169	24	193	0.2
F60	3 642	542	4 184	4.7
F61-F69	189	45	234	0.3
F70-F79	139	53	192	0.2
F80-F89	168	31	199	0.2
F90	114	11	125	0.1
F91	291	53	344	0.4
F92-F98	170	61	231	0.3
F99	251	22	273	0.3
G30	509	134	643	0.7
	224	357	581	0.7
	209	17	226	0.3
	4 796	1 022	5 818	6.5
Total	76 019	13 255	89 274	100.0

(a) Separations for which care type was reported as Newborn with no qualified days and records for Hospital boarders and Posthumous organ procurement have been excluded.

(b) Includes ICD-10-AM codes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z71.4, Z71.5 and Z76.0.

(c) Includes separations for which the principal diagnosis was any other mental health-related principal diagnosis.

(d) Includes all other codes not included as a mental health principal diagnosis.

Source: AIHW (2008) *Mental Health Services in Australia 2005-06*, Cat. no. HSE 56, AIHW (Mental Health Series no. 10), Canberra.

Table 12A.44

Table 12A.44 Specialised psychiatric care separations reported for Indigenous patients, Australia, 2005-06 (a), (b)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (c)	Total (d)
Indigenous (e)										
Separations	no.	1 709	316	1 007	623	328	73	49	495	4 478
Separation rate (f)	per 1 000 people	13.6	10.9	8.2	9.3	12.2	np	np	7.9	10.4
Patient days	no.	30 049	4 506	22 285	14 339	4 641	1 430.0	502	4 796	80 616
Psychiatric care days	no.	29 549	4 502	22 167	14 288	4 641	1 430.0	474	4 760	79 907
Average length of stay (overnight)	no.	18.0	14.5	22.5	23.3	15.0	20.1	10.6	10.3	18.5
Non-Indigenous										
Separations	no.	36 704	25 380	25 438	10 976	9 990	3 505	1 489	651	109 139
Separation rate (f)	per 1 000 people	5.5	5.0	6.6	5.6	6.4	np	np	4.2	5.7
Patient days	no.	790 150	466 353	458 231	205 605	236 494	56 376	21 990	6 048	2 162 881
Psychiatric care days	no.	766 667	465 514	454 165	202 744	236 494	56 376	20 861	6 015	2 131 599
Average length of stay (overnight)	no.	23.0	19.4	21.3	19.9	27.2	19.8	15.3	9.8	21.7
Rate ratio (g)		2.5	2.2	1.2	1.7	1.9	np	np	1.9	1.8

(a) Separations for which care type was reported as Newborn with no qualified days and records for Hospital boarders and Posthumous organ procurement have been excluded. Comprises separations with and without mental health-related principal diagnoses but with specialised psychiatric care.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care as they may reflect different service delivery and admission practices and/or differences in the types of establishments categorised as hospitals.

(c) Includes only public hospital separations for the NT.

(d) Separation rate data are for NSW, Victoria, Queensland, WA, SA and the NT (for public hospitals only in the NT). Indigenous status data for NSW, Victoria, Queensland, WA, SA and the NT public hospitals are considered to be of acceptable quality for analytical purposes. Indigenous identification is likely to be incomplete and to vary among jurisdictions.

Table 12A.44

Table 12A.44 Specialised psychiatric care separations reported for Indigenous patients, Australia, 2005-06 (a), (b)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (c)	Total (d)
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(e) Includes separations of patients identified as being either of Aboriginal but not Torres Strait Islander origin, Torres Strait Islander but not Aboriginal origin, Aboriginal and Torres Strait Islander origin and patients identified as of Aboriginal or Torres Strait Islander origin.

(f) The rates were directly aged standardised against the Australian Estimated Resident Population as at 30 June 2001.

(g) The rate ratio is equal to the separation rate for indigenous persons divided by the separation rate for non-Indigenous.

np Not published.

Source: AIHW (2008) *Mental Health Services in Australia 2005-06*, Cat. no. HSE 56, Mental Health Series no. 10, www.aihw.gov.au/publications/hse/mhsa05-06/mhsia_05-06_internet.xls (accessed 2 December 2008).

Table 12A.45

Table 12A.45 **Specialised public mental health services reviewed against National Standards for Mental Health Services, 30 June (a), (b)**

	NSW	Vic (c), (d)	Qld (e)	WA (c), (f)	SA	Tas	ACT	NT (c)
Number of services assessed at level 1								
2003	na	na	37	na	12	na	13	–
2004	na	54	89	na	53	na	13	1
2005	390	55	90	20	80	15	14	1
2006	365	65	95	16	73	12	16	2
2007	431	48	101	15	79	11	16	2
Number of services assessed at level 2								
2003	na	na	74	na	15	na	..	–
2004	na	–	10	na	6	na	..	–
2005	3	–	8	4	3	–	..	1
2006	4	–	2	3	4	5	–	–
2007	5	–	1	14	2	2	–	–
Number of specialised public mental health services								
2003	na	na	119	32	103	na	16	2
2004	na	54	120	31	107	na	16	2
2005	531	55	120	31	110	32	16	2
2006	468	65	121	31	116	33	16	2
2007	556	50	122	34	110	29	16	2
Per cent of services assessed at level 1								
2003	na	na	31.1	na	11.7	na	81.3	–
2004	na	100.0	74.2	na	49.5	na	81.3	50.0
2005	73.4	100.0	75.0	64.5	72.7	46.9	87.5	50.0
2006	78.0	100.0	78.5	51.6	62.9	36.4	100.0	100.0
2007	77.5	96.0	82.8	44.1	71.8	37.9	100.0	100.0
Per cent of services assessed at level 2								
2003	na	na	62.2	na	14.6	na	..	–
2004	na	–	8.3	na	5.6	na	..	–
2005	0.6	–	6.7	12.9	2.7	–	..	50.0
2006	0.9	–	1.7	9.7	3.4	15.2	–	–
2007	0.9	–	0.8	41.2	1.8	6.9	–	–

- (a) The data item 'services reviewed' is optional under the *MHE NMDS*.
- (b) The Australian totals are not reported as data are not collected on a equivalent basis across jurisdictions. Some jurisdictions' report at service unit level while others do not. NSW, Qld, SA, Tas and ACT report at the service unit level.
- (c) Data for Victoria, WA and the NT are reported at the organisation level.
- (d) In Victoria, two agencies did not report as at 'Level 1' for 2007. However, both agencies were in the process of being re-accredited and therefore should be deemed as having gained accreditation.
- (e) Queensland data are reported at the hospital/service unit cluster level.
- (f) WA has a number of services currently involved in re-accreditation as well as internal review against the National Standards that are not included in this table.

Table 12A.45 Specialised public mental health services reviewed against National Standards for Mental Health Services, 30 June (a), (b)

	<i>NSW</i>	<i>Vic</i> (c), (d)	<i>Qld</i> (e)	<i>WA</i> (c), (f)	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i> (c)
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na Not available. .. Not applicable. – Nil or rounded to zero.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.46

Table 12A.46 **Services provided in the appropriate setting (per cent) (a), (b)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (c)</i>	<i>ACT (c)</i>	<i>NT (c)</i>	<i>Aust</i>
<i>Recurrent expenditure on community based services as a proportion of total spending on mental health services (d)</i>									
2002-03	45.5	60.1	40.1	47.3	38.7	63.3	75.4	53.7	48.8
2003-04	44.1	61.2	41.2	47.2	39.4	63.7	74.9	54.6	48.8
2004-05	43.6	60.7	42.6	48.1	42.4	58.7	80.0	58.3	49.4
2005-06	43.5	63.5	43.4	51.9	44.3	62.8	79.5	60.5	50.7
2006-07	43.4	63.2	48.0	51.9	44.9	59.0	74.0	68.4	51.3
<i>Acute patient days in public acute hospitals as a proportion of total acute inpatient bed days in public acute and psychiatric hospitals</i>									
2002-03	70.7	90.1	100.0	75.7	51.5	100.0	100.0	100.0	80.6
2003-04	72.2	91.5	100.0	75.4	51.2	100.0	100.0	100.0	81.4
2004-05	75.4	93.8	100.0	76.2	51.3	100.0	100.0	100.0	83.1
2005-06	75.2	93.8	100.0	71.7	53.4	100.0	100.0	100.0	82.4
2006-07	76.5	93.7	100.0	71.6	63.5	100.0	100.0	100.0	83.5

(a) Percentages exclude indirect expenditure.

(b) See the *National Mental Health Report 2007* for a full description of the derivation of these data items.

(c) Separate psychiatric hospitals do not exist in Tasmania, the ACT and the NT.

(d) Expenditure used to derive these proportions excludes indirect and aged care residential.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.47

Table 12A.47 **Consumer and carer participation (a), (b)**

	NSW (c)	Vic (d)	Qld	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
<i>Per cent of organisations with consumer participation in decision making</i>									
Formal position for mental health consumers on the management committee or a specific mental health consumer advisory group exists to advise on all aspects of service delivery (level 1)									
2002-03	50.0	71.4	48.6	33.3	52.9	66.7	100.0	100.0	54.5
2003-04	48.5	62.3	56.8	28.6	45.7	66.7	100.0	100.0	52.0
2004-05	50.0	52.9	54.1	33.3	45.9	–	100.0	100.0	49.8
2005-06	46.1	67.9	51.4	35.3	61.1	–	100.0	66.7	50.9
2006-07	68.2	64.3	54.1	31.6	57.1	–	100.0	100.0	59.1
Specific mental health consumer advisory group to advise on some but not all aspects of service delivery (level 2)									
2002-03	8.7	12.2	18.9	42.9	17.6	33.3	–	–	15.3
2003-04	10.1	15.1	10.8	33.3	5.7	33.3	–	–	12.6
2004-05	8.1	25.5	13.5	38.1	8.1	33.3	–	–	15.7
2005-06	4.5	17.9	8.1	29.4	5.6	14.3	–	–	9.1
2006-07	2.3	3.6	8.1	15.8	14.3	14.3	–	–	6.8
Mental health consumers participate on broadly-based committees (level 3)									
2002-03	18.5	4.1	18.9	14.3	11.8	–	–	–	13.6
2003-04	27.3	5.7	18.9	14.3	31.4	–	–	–	20.1
2004-05	20.3	7.8	16.2	9.5	27.0	66.7	–	–	17.0
2005-06	32.6	10.7	13.5	17.6	11.1	28.6	–	33.3	21.4
2006-07	10.2	17.9	8.1	47.4	5.7	85.7	–	–	15.5
Minimal/no arrangements (level 4)									
2002-03	22.8	12.2	13.5	9.5	17.6	–	–	–	16.5
2003-04	14.1	17.0	13.5	23.8	17.1	–	–	–	15.4
2004-05	21.6	13.7	16.2	19.0	18.9	–	–	–	17.5
2005-06	16.9	3.6	27.0	17.6	22.2	57.1	–	–	18.6
2006-07	19.3	14.3	29.7	5.3	22.9	–	–	–	18.6
Number of organisations reporting									
2002-03	92	49	37	21	34	3	3	3	242
2003-04	99	53	37	21	35	3	3	3	254
2004-05	74	51	37	21	37	3	3	3	229
2005-06	89	28	37	17	36	7	3	3	220
2006-07	88	28	37	19	35	7	3	3	220
<i>Number of consumer and carer consultants</i>									
Number of paid carer consultants (FTE)									
2002-03	na	na	1	na	–	na	na	–	na
2003-04	1	na	1	na	–	na	na	–	na
2004-05	2	na	1	na	–	na	na	–	na
2005-06	3	12	0.4	–	–	–	–	–	15
2006-07	9	14	1	–	–	–	–	–	24
Number of paid consumer consultants (FTE)									
2002-03	na	na	6	na	2	na	na	–	na

Table 12A.47

Table 12A.47 **Consumer and carer participation (a), (b)**

	NSW (c)	Vic (d)	Qld	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
2003-04	15	na	7	na	3	na	na	–	na
2004-05	16	na	8	na	4	na	na	–	na
2005-06	27	20	10	1	3	–	–	–	60
2006-07	25	19	10	1	2	–	–	–	57
Number of paid clinicians (FTE)									
2002-03	5 409	4 535	3 085	na	1 575	na	na	135	na
2003-04	5 710	4 855	3 235	na	1 584	na	na	151	na
2004-05	5 985	4 878	3 273	na	1 643	na	na	158	na
2005-06	6 344	5 048	3 435	2 243	1 674	472	286	147	19 649
2006-07	6 537	5 177	3 742	2 275	1 775	513	293	151	20 463
Paid carer consultants (FTE) per 10 000 clinicians (FTE)									
2002-03	na	na	3.2	na	–	na	na	–	na
2003-04	na	na	3.1	na	–	na	na	–	na
2004-05	na	na	3.1	na	–	na	na	–	na
2005-06	4.3	23.2	1.2	–	–	–	–	–	0.8
2006-07	13.2	27.0	2.4	–	–	–	–	–	1.1
Paid consumer consultants (FTE) per 10 000 clinicians (FTE)									
2002-03	na	na	19.4	na	12.7	na	na	–	na
2003-04	na	na	21.6	na	16.6	na	na	–	na
2004-05	26.7	na	24.4	na	23.8	na	na	–	na
2005-06	43.0	38.8	28.5	2.2	16.7	–	–	–	30.5
2006-07	37.9	36.7	27.5	3.5	11.8	–	–	–	27.9

- (a) Non-government organisations are included only where they provide staffed residential services.
- (b) See the *National Mental Health Report 2007* for a full description of the derivation of relevant items.
- (c) NSW advised that the government has no authority to require consumer participation in services delivered through the primary care program.
- (d) Victoria advised that in years prior to 2005-06 its model of consumer consultants fits poorly with the Australian Health Care Agreement (AHCA) categories. Victoria has paid consumer consultants working in mental health services. Many agencies report this in the 'other' category, which has a low ranking and according to Victoria does not reflect the active role played by consumer consultants in service operation.
- (e) WA advised that these data do not accurately represent consumer and carer participation strategies used in WA. High priority is given to the involvement of consumers and carers at a state, regional and health service level in developing a responsive mental health service. Several key consumer and carer advisory groups are supported and provided with financial assistance and collectively, these groups provide advice and representations on consumer and carer issues.
- (f) SA data for the number of FTE clinicians have been revised for all data prior to 2005-06.
- (g) Consumer and carer consultants are not employed in the NT.

na Not available. – Nil or rounded to zero.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.48 Percent of specialised mental health services that have introduced routine consumer outcome measurement (per cent) (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</i>
June 2003	77.3	72.6	47.1	7.4	–	94.4	100.0	100.0	63.3
June 2004	100.0	98.1	100.0	71.0	49.5	94.4	100.0	100.0	82.9
June 2005	100.0	98.2	100.0	100.0	78.1	96.9	100.0	100.0	93.2
June 2006	100.0	96.9	100.0	100.0	77.6	97.0	100.0	100.0	93.0
June 2007	100.0	100.0	100.0	100.0	84.6	96.6	100.0	100.0	95.3

(a) Data contained in the table are based on reports from jurisdictions. Jurisdictions report at varying levels, reflecting differences in service structure (for example, data may be reported at area health service level or at hospital level, with each level containing a number of specialised mental health services). Data are thus aggregated.

– Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 12A.49

Table 12A.49 Rates of community follow up for people within the first seven days of discharge from hospital (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2005-06										
Overnight separations with community mental health contact recorded in the 7 days following separation	no.	11 104	9 256	6 777	3 885	1 611	na	761	307	33 701
Overnight separations from psychiatric inpatient services	no.	25 823	15 664	14 805	7 204	5 352	na	1 050	799	70 697
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	43.0	59.1	45.8	53.9	30.1	na	72.5	38.4	47.7
2006-07										
Overnight separations with community mental health contact recorded in the 7 days following separation	no.	9 060	7 285	4 962	2 800	1 549	218	527	190	26 591
Overnight separations from psychiatric inpatient services	no.	20 590	12 347	9 802	5 062	4 189	1 733	719	535	54 977
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	44.0	59.0	50.6	55.3	37.0	12.6	73.3	35.5	48.4

(a) Based on all 'in scope' separations from State and Territory psychiatric inpatient units, defined as those for which it is meaningful to examine community follow-up rates. The following separations were excluded: same day separations; overnight separations that occur through discharge/transfer to another hospital; statistical discharge – type change; left against medical advice/discharge at own risk and death.

(b) Data for 2005-06 reflect full year activity. For 2006-07, the data are based only on the first 9 months of the year (full year data were not available within the COAG Report reporting timeframe).

Table 12A.49

Table 12A.49 Rates of community follow up for people within the first seven days of discharge from hospital (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
(c)	Community mental health contacts counted for determining whether follow-up occurred are restricted to those in which the consumer participated. These may be face-to-face or 'indirect' (for example, by telephone), but not contacts delivered 'on behalf of the client' in which they did not participate. (The exception is the NT, where data includes all contacts — NT has advised that the impact on the indicator is marginal.) Contacts made on the day of discharge are also excluded.									
(d)	Only community mental health contacts made by State and Territory public mental health services are included. Where responsibility for clinical follow-up is managed outside the State/Territory mental health system (for example, by private psychiatrists, general practitioners), these contacts are not included.									
(e)	States and territories vary in their capacity to accurately track post-discharge follow up between hospital and community service organisations, due to the lack of unique patient identifiers or data matching systems. Three jurisdictions — NSW, Tasmania and SA — indicated that the data submitted was not based on unique patient identifier or data matching approaches. This factor can contribute to an appearance of lower follow-up rates for these jurisdictions.									
	na Not available.									
	Source: AHMC (2008) <i>Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2006-07</i> , Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council, www.coag.gov.au/reports/docs/AHMC_COAG_mental_health.doc (accessed 9 October 2008).									

Table 12A.50

Table 12A.50 Readmissions to hospital within 28 days of discharge (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Q/d	WA	SA	Tas	ACT (f)	NT	Aust
2005-06										
Overnight separations that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	no.	2 003	2 011	3 030	882	629	276	183	134	9 148
Overnight separations from psychiatric inpatient services	no.	25 823	15 664	14 805	7 204	5 352	2 381	1 050	799	73 078
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	7.8	12.8	20.5	12.2	11.8	11.6	17.4	16.8	12.5
2006-07										
Overnight separations that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	no.	1 579	1 633	1 634	564	480	191	115	79	6 275
Overnight separations from psychiatric inpatient services	no.	20 590	12 347	9 802	5 062	4 189	1 733	719	535	54 977
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	7.7	13.2	16.7	11.1	11.5	11.0	16.0	14.8	11.4

(a) Based on all 'in scope' separations from State and Territory psychiatric inpatient units, defined as those for which it is meaningful to examine readmission rates. The following separations were excluded: same day separations; overnight separations that occur through discharge/transfer to another hospital; statistical discharge – type change; left against medical advice/discharge at own risk and death.

(b) Data for 2005-06 reflect full year activity. For 2006-07, the data are based only on the first 9 months of the year (full year data were not available within the COAG Report reporting timeframe).

(c) For the purposes of this indicator, a readmission for any of the separations identified as 'in-scope' is defined as an admission to any another public psychiatric unit within the jurisdiction that occurs within 28 days of the date of the original separation.

Table 12A.50 Readmissions to hospital within 28 days of discharge (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Q/d	WA	SA	Tas	ACT (f)	NT	Aust
(d)	Data for this indicator is collected by all states and territories but varies depending on whether the jurisdiction has a system of state-wide unique client identifiers in place, or equivalent data matching systems. Those jurisdictions with state-wide unique client identifiers or data matching systems have the capacity to track whether a person is readmitted to any hospital in the jurisdiction. Other jurisdictions can only monitor whether a readmission occurs back to the same hospital from which the person was discharged. Different readmission rates will be obtained depending on the method used, reducing the validity of comparison between jurisdictions.									
(e)	No distinction is made between planned and unplanned readmissions because data collection systems in most Australian mental health services do not include a reliable and consistent method to distinguish a planned from an unplanned admission to hospital.									
(f)	ACT readmission rates for these years include transfers between hospitals, counted as another admission instead of a continuation of the same admission when moved between hospitals. These figures have been adjusted for COAG to exclude transfers between hospitals as a re-admission during the same admission episode.									

Source: AHMC (2008) *Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2006-07*, Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council, www.coag.gov.au/reports/docs/AHMC_COAG_mental_health.doc (accessed 9 October 2008).

Table 12A.51

Table 12A.51 **Average recurrent costs per inpatient bed day, public hospitals, by target population (2006-07 dollars) (a), (b), (c)**

	NSW	Vic	Q/d (d)	WA (e)	SA	Tas (f), (g)	ACT (f), (h)	NT (f), (i)	Aust
General mental health services									
2002-03	654.65	595.20	545.51	718.56	570.95	440.54	675.31	1 040.51	616.15
2003-04	697.68	577.32	516.31	747.63	581.78	473.12	577.47	1 038.84	625.67
2004-05	658.40	603.84	510.66	759.53	603.50	503.67	565.09	787.42	618.42
2005-06	673.17	575.76	545.32	751.58	630.31	574.59	601.38	953.20	632.37
2006-07	693.58	591.77	561.17	776.07	724.27	727.72	772.12	823.99	661.65
Child and adolescent mental health services									
2002-03	923.68	1 161.74	1 028.30	1 128.42	1 135.83	..	..	..	1 052.93
2003-04	1 222.92	1 287.46	1 132.22	1 456.87	1 344.56	..	..	..	1 235.34
2004-05	1 228.72	1 421.10	1 016.38	1 031.02	1 185.67	..	..	..	1 192.55
2005-06	1 214.50	1 230.53	1 155.05	1 079.42	1 090.38	..	..	..	1 185.82
2006-07	1 299.15	1 184.33	1 243.27	1 288.02	1 224.11	..	..	..	1 255.41
Older persons' mental health services									
2002-03	556.48	523.10	416.56	625.70	400.07	..	..	..	498.85
2003-04	624.31	497.22	390.56	606.98	430.76	..	..	..	509.65
2004-05	578.82	528.83	393.20	608.62	453.54	368.19	..	..	512.10
2005-06	550.23	505.20	416.41	654.35	474.53	..	..	..	515.25
2006-07	581.02	534.52	459.29	645.75	494.94	..	2 035.37	..	543.51
Forensic mental health services									
2002-03	514.80	689.02	1 097.13	813.75	723.20	437.37	..	1 039.94	689.49
2003-04	546.88	736.31	778.57	866.57	791.22	383.59	..	771.03	680.76
2004-05	405.77	830.00	694.38	983.98	808.18	466.78	..	720.44	635.92
2005-06	513.02	790.81	729.46	952.98	815.38	438.39	..	873.92	688.37
2006-07	453.80	798.59	751.71	864.47	904.38	894.33	..	811.48	684.11

Table 12A.51

Table 12A.51 Average recurrent costs per inpatient bed day, public hospitals, by target population (2006-07 dollars) (a), (b), (c)

	NSW	Vic	Q/d (d)	WA (e)	SA	Tas (f), (g)	ACT (f), (h)	NT (f), (i)	Aust
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(a) Constant price expenditure expressed in 2006-07 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(b) Depreciation is excluded for all years.

(c) See the *National Mental Health Report 2007* for a full description of the derivation of expenditure estimates.

(d) Queensland has advised that it provides older persons' mental health services inpatient services using a number of different service models including campus and noncampus based options. All service types are reported as older persons' mental health services which may have the effect of lowering the average patient day costs compared to jurisdictions who report 'older persons' care units' separately. Queensland has also advised that the high bed day cost of forensic mental health service beds in 2002-03 was due to inflated bed day costs associated with a new 21 bed forensic service that was set up in Townsville.

(e) WA expenditure data for general mental health services for 2002-03 and 2004-05 have been revised.

(f) Child and adolescent mental health services were not available, or could not be separately identified, in Tasmania, the ACT and the NT. Older Persons' Mental Health Services programs were not available, or could not be separately identified, in Tasmania and the ACT for some years, and the NT. Tasmanian figures include child and adolescent mental health services within the general mental health services category. Forensic mental health services were not available in the ACT.

(g) The following changes occurred in 2005-06 for Tasmanian that impact on these data: NGO residential services were included for the first time and one service unit was re-classified from an older persons unit to an adult residential service.

(h) ACT average costs for older person's mental health services are based on a new 20 bed unit opened in March 2007. During 2006-07, only 6-10 beds operated due to issues related to staffing resources. This has artificially inflated the average cost of older persons' mental health services.

(i) NT expenditure data for general mental health services for 2002-03 and 2004-05 have been revised.

.. Not applicable.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.52

Table 12A.52 Average recurrent cost per inpatient bed day, by public hospital type (2006-07 dollars) (a), (b), (c)

	NSW	Vic (d)	Qld (e)	WA (f)	SA	Tas	ACT (g)	NT (h)	Aust
Psychiatric hospitals (acute units)									
2002-03	687.80	805.66	..	677.22	681.59	..	..	..	699.67
2003-04	714.97	887.96	..	766.02	710.10	..	..	..	742.36
2004-05	701.20	929.98	..	766.12	760.55	..	..	..	748.78
2005-06	700.56	876.32	..	750.55	783.54	..	..	..	744.63
2006-07	694.13	954.08	..	788.57	891.32	..	..	..	774.80
Psychiatric hospitals (non-acute units)									
2002-03	496.85	701.29	676.14	766.44	428.52	..	..	..	554.39
2003-04	532.33	645.98	585.50	749.81	448.82	..	..	..	552.21
2004-05	482.46	739.13	556.97	788.61	462.65	..	..	..	532.29
2005-06	503.55	711.56	596.33	768.75	481.27	..	..	..	550.27
2006-07	485.69	662.12	612.55	784.17	498.25	..	..	..	549.59
Psychiatric hospitals (all units)									
2002-03	557.07	763.73	676.14	724.82	520.97	..	..	..	599.86
2003-04	588.76	778.40	585.50	757.41	547.39	..	..	..	610.71
2004-05	548.91	830.00	556.97	777.80	573.04	..	..	..	596.72
2005-06	569.08	790.81	596.33	758.53	595.19	..	..	..	613.04
2006-07	556.77	798.59	612.55	786.62	632.82	..	..	..	621.29
Public acute hospitals									
2002-03	721.26	592.96	538.39	709.38	541.94	439.94	670.33	1 009.10	621.16
2003-04	798.47	578.55	530.71	725.86	551.61	428.19	714.18	1 032.19	637.00
2004-05	725.00	622.11	528.79	723.61	579.33	486.10	575.53	920.37	632.95
2005-06	742.68	586.66	561.95	743.64	606.68	553.43	601.39	951.84	644.80
2006-07	776.30	601.45	584.20	752.99	720.97	756.53	828.67	823.94	681.28

(a) Constant price expenditure expressed in 2006-07 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(b) Depreciation is excluded for all years.

(c) See the *National Mental Health Report 2007* for a full description of data sources and analysis.

(d) Mainstreaming has occurred at different rates in different jurisdictions. In Victoria's case, the data for psychiatric hospitals comprises mainly forensic services, since nearly all general psychiatric treatment occurs in mainstreamed units in general acute hospitals. This means that the client profile and service costs are very different from those of a jurisdiction where general psychiatric treatment still occurs mostly in psychiatric hospitals.

(e) For Queensland, 2003-04 and 2004-05 data for psychiatric and public acute hospitals have been revised. Queensland data for general hospitals include costs associated with two extended treatment units that report through general acute hospitals. Queensland does not provide acute services in psychiatric hospitals.

(f) WA data for public acute hospitals in 2002-03 have been revised.

(g) ACT data for public acute hospitals in 2002-03, 2003-04 and 2004-05 have been revised.

(h) NT data for public acute hospitals in 2002-03 and 2004-05 have been revised.

.. Not applicable.

Table 12A.52 Average recurrent cost per inpatient bed day, by public hospital type (2006-07 dollars) (a), (b), (c)

	<i>NSW</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (g)</i>	<i>NT (h)</i>	<i>Aust</i>
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Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.53

Table 12A.53 Average recurrent cost to government per patient day for community residential services (2006-07 dollars) (a), (b), (c), (d)

	NSW	Vic	Qld (e)	WA	SA (f)	Tas (g)	ACT	NT (h)	Aust
General adult units									
2002-03									
24-hour staffed units	346.69	325.81	..	289.23	128.03	572.84	752.49	..	357.05
non-24-hour staffed units	47.85	147.82	..	145.98	..	..	68.97	91.81	100.54
2003-04									
24-hour staffed units	342.64	322.96	..	278.25	151.97	709.00	408.63	..	344.73
non-24-hour staffed units	na	150.89	..	145.94	214.91	..	83.00	70.22	163.09
2004-05									
24-hour staffed units	331.20	350.76	..	326.27	206.37	466.63	438.87	..	352.91
non-24-hour staffed units	na	146.88	..	147.31	316.81	..	80.22	84.17	218.97
2005-06									
24-hour staffed units	264.13	423.89	..	320.90	207.11	356.26	456.64	..	373.72
non-24-hour staffed units	84.89	179.48	..	119.51	266.48	..	85.51	140.53	138.94
2006-07									
24-hour staffed units	268.61	421.18	..	400.38	203.30	296.21	499.28	..	367.67
non-24-hour staffed units	82.32	150.82	..	129.56	269.97	..	106.33	241.76	126.05
Older persons' care units									
2002-03									
24-hour staffed units	370.13	285.26	..	..	..	328.51	65.38	..	300.38
non-24-hour staffed units	102.91	..	..	..	..	..	..	..	102.91
2003-04									
24-hour staffed units	269.97	285.25	..	..	..	331.86	182.24	..	285.84
non-24-hour staffed units	na	..	..	..	..	..	..	..	na

Table 12A.53

Table 12A.53 Average recurrent cost to government per patient day for community residential services (2006-07 dollars) (a), (b), (c), (d)

	NSW	Vic	Qld (e)	WA	SA (f)	Tas (g)	ACT	NT (h)	Aust
2004-05									
24-hour staffed units	311.92	291.71	..	..	..	318.64	154.52	..	294.64
non-24-hour staffed units	na	..	..	..	..	..	..	..	na
2005-06									
24-hour staffed units	289.40	299.85	..	..	..	406.09	173.54	..	301.94
non-24-hour staffed units	112.64	387.37	..	..	..	..	..	..	222.92
2006-07									
24-hour staffed units	352.49	280.15	..	..	..	436.91	163.47	..	296.77
non-24-hour staffed units	280.17	515.95	..	..	..	..	..	..	344.92

(a) Depreciation is excluded for all years.

(b) Unit costs are not casemix adjusted.

(c) Constant price expenditure expressed in 2006-07 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(d) See the *National Mental Health Report 2007* for a full description of data sources and analysis.

(e) Queensland does not fund community residential services, however, it funds a number of extended treatment services, both campus and non-campus based, which provide longer term inpatient treatment and rehabilitation services with a full clinical staffing 24 hours a day 7 days a week. Queensland does not report these beds as community residential beds as it considers these beds to be substantially different to beds described as such in other states and territories.

(f) SA does not have any community residential services that are aged care units.

(g) Tasmanian services include both acute and rehabilitation units which have higher unit costs than extended care units. The following changes occurred in 2005-06 that impact on these data: NGO residential services were included for the first time and one service unit was re-classified from an older persons unit to an adult residential service.

(h) General adult 24-hour residential services are not available in the NT. Data for 2004-05 for non-24-hour staffed units have been revised.

na Not available. .. Not applicable.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.54

Table 12A.54 Average cost to government (recurrent) per treated patient in the community NSW (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 118.46	1 102.17	1 635.17	1 221.44	1 551.85
Percent of services not reporting	20.1	27.1	24.5	7.3	3.9
Expenditure covered by non reporting services (per cent)	10.8	14.1	12.1	2.2	1.4

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.

Source: NSW Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.55

Table 12A.55 Average cost to government (recurrent) per treated patient in the community Victoria (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g), (h)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	2 040.83	3 036.96	3 074.47	4 689.68	4 771.95
Percent of services not reporting	30.6	22.2	12.8	17.0	10.7
Expenditure covered by non reporting services (per cent)	28.1	2.6	2.7	2.5	1.8

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.
- (h) Data for 2005-06 and 2006-07 on the number of treated patients in the community are reported are a count of 'Distinct Clients' that is, no repeats of Client ID. Only 84 per cent of reported contact hours relate to the centrally registered clients used to derive this indicator. The remaining 16 per cent are contact hours by both unregistrered clients and with other parties (including community education/health promotion). As such, Victoria's cost per client for these years is overstated.

Source: Victorian Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.56

Table 12A.56 Average cost to government (recurrent) per treated patient in the community Queensland (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g), (h)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 749.73	1 714.53	1 796.36	1 828.73	2 365.50
Percent of services not reporting	–	1.0	–	–	–
Expenditure covered by non reporting services (per cent)	–	0.1	–	–	–

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.
- (h) Data for 2005-06 and 2006-07 are reported at the Hospital/Service Unit Cluster level.
– Nil or rounded to zero.

Source: Queensland Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.57 Average cost to government (recurrent) per treated patient in the community WA (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g), (h)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	2 373.92	2 685.84	2 735.33	3 108.81	2 935.95
Percent of services not reporting	–	–	–	–	–
Expenditure covered by non reporting services (per cent)	–	–	–	–	–

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.
- (h) Prior to 2005-06, the number of ambulatory services were counted at a sub-program level. For 2005-06, counting is done at target population level within each organisation. Note that individual sub-programs have now been rolled up to target population group level for each organisation.
- Nil or rounded to zero.

Source: WA Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.58 Average cost to government (recurrent) per treated patient in the community SA (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 913.88	1 710.17	1 878.05	1 645.20	1 690.36
Percent of services not reporting	14.1	5.7	5.6	5.4	2.4
Expenditure covered by non reporting services (per cent)	6.4	4.3	3.2	4.8	1.4

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.

Source: SA Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.59

Table 12A.59 Average cost to government (recurrent) per treated patient in the community Tasmania (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 589.98	1 638.09	2 198.91	2 616.63	2 853.97
Percent of services not reporting	4.8	4.8	–	4.3	4.8
Expenditure covered by non reporting services (per cent)	3.7	7.1	–	3.0	0.7

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.
– Nil or rounded to zero.

Source: Tasmanian Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.60

Table 12A.60 Average cost to government (recurrent) per treated patient in the community ACT (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g), (h)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	2 143.46	1 624.87	2 907.89	2 421.64	2 554.36
Percent of services not reporting	11.8	16.7	16.7	23.1	–
Expenditure covered by non reporting services (per cent)	3.1	0.3	0.6	2.9	–

(a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.

(b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.

(c) Depreciation is excluded as it is variably handled by jurisdictions.

(d) Unit costs not casemix adjusted.

(e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).

(f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.

(g) Calculation of average unit costs excludes those services with missing patient data.

(h) Data on the total number of treated patients in the community for 2002-03 and 2004-05 have been revised.

– Nil or rounded to zero.

Source: ACT Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.61 Average cost to government (recurrent) per treated patient in the community NT (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g), (h), (i)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 901.65	2 062.94	2 136.88	2 172.12	2 714.59
Percent of services not reporting	–	–	–	–	–
Expenditure covered by non reporting services (per cent)	–	–	–	–	–

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.
- (h) Data on the total number of treated patients in the community for 2002-03 have been revised.
- (i) The number of patients treated is the sum of treated patients per service/work unit. Patients may have been treated at more than one service/work unit.

– Nil or rounded to zero.

Source: NT Government (unpublished); AIHW (unpublished), derived from the *MHE NMDS*.

Table 12A.62 Average cost to government (recurrent) per treated patient in the community Australia (2006-07 dollars) (a), (b), (c), (d), (e), (f), (g)

	2002-03	2003-04	2004-05	2005-06	2006-07
Unit cost (dollars per treated patient in the community)	1 347.92	1 517.75	1 960.80	1 901.72	2 308.19
Percent of services not reporting	16.6	17.7	14.5	8.4	4.7
Expenditure covered by non reporting services (per cent)	11.9	5.9	4.8	1.8	1.0

- (a) The above data and derived indicators have significant data quality problems and are presented for demonstration purposes only, which is aimed at improving the quality of information reported in future years. The data and indicators are not of sufficient quality to be used for any form of comparative analysis of the performance of State and Territory jurisdictions. Future work will focus on improving data on service outputs and outcomes to support a range of analyses.
- (b) The absence of unique patient identifiers in many jurisdictions means that clients who happen to attend mental health services other than their usual service may be counted twice. This double counting may artificially reduce average costs in some states or territories. Victoria, WA, the ACT and the NT have statewide systems of unique identifiers, so the extent of overcounting of patients in these states is relatively lower than in other jurisdictions. Differences across jurisdictions in the complexity of cases treated, the service options available for treatment and admission practices also reduce comparability of data between states and territories. In addition, cost components such as depreciation are not measured consistently across jurisdictions.
- (c) Depreciation is excluded as it is variably handled by jurisdictions.
- (d) Unit costs not casemix adjusted.
- (e) Constant price expenditure expressed in 2006-07 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.69).
- (f) See the *National Mental Health Report 2007* for a full description of data sources and analysis.
- (g) Calculation of average unit costs excludes those services with missing patient data.

Source: AIHW (unpublished), derived from the *MHE NMDS*; State and Territory governments (unpublished).

Table 12A.63

Table 12A.63 Suicides and mortality rate, by sex, Australia (a), (b)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Suicides (no.)										
Males	2 145	2 150	2 002	1 864	1 936	1 817	1 737	1 661	1 658	1 398
Females	577	533	490	503	521	503	477	437	444	401
Persons	2 722	2 683	2 492	2 367	2 457	2 320	2 214	2 098	2 102	1 799
Suicide death rate (per 100 000 people) (c)										
Males	23.6	23.2	21.6	19.8	20.3	18.8	17.7	16.8	16.4	13.6
Females	6.2	5.6	5.1	5.2	5.3	5.0	4.7	4.3	4.3	3.8
Persons	14.7	14.3	13.2	12.3	12.6	11.8	11.1	10.4	10.3	8.6

(a) Suicide deaths include ICD10 codes X60-X84, X870.

(b) By year of registration. Year-to-year variation can be influenced by coronial workloads.

(c) Age-standardised death rate per 100 000 using estimated resident population for Australia (persons) at 30 June 2001 as the standard population. Direct method used. Includes deaths of persons aged under 15 years.

Source: ABS (various issues), *Causes of Death, Australia*, (various years), Cat. no. 3303.0, Canberra.

Table 12A.64

Table 12A.64 Suicides and mortality rate, by sex, Australia (a)		15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years +	All ages (b)
2006										
Suicides (no.)										
Males	190	234	306	290	175	95	65	36	1 398	
Females	54	58	87	73	61	32	26	9	401	
Persons	244	292	393	363	236	127	91	45	1 799	
Suicide death rate (per 100 000 people)										
Males	12.9	16.1	20.1	20.4	15.4	13.8	15.5	34.5	17.0	
Females	3.8	4.0	5.6	5.1	5.4	4.4	4.8	4.1	4.8	
Persons	8.5	10.1	12.8	12.7	10.4	9.0	9.5	14.0	10.8	
2002-2006										
Suicides (no.)										
Males	1 131	1 840	1 872	1 463	815	569	391	156	8 271	
Females	285	429	496	434	267	162	132	41	2 262	
Persons	1 416	2 269	2 368	1 897	1 082	731	523	197	10 533	
Suicide death rate (per 100 000 people) (c)										
Males	15.9	25.5	25.0	21.3	15.4	17.1	19.7	33.5	16.5	
Females	4.2	5.9	6.5	6.2	5.1	4.6	5.0	4.1	4.5	
Persons	10.2	15.7	15.7	13.7	10.3	10.7	11.4	13.4	10.5	

(a) Suicide deaths include ICD10 codes X60-X84, X870.

(b) All ages includes under 15 and not stated age at death. Crude death rate per 100 000 estimated resident population as of 30 June.

(c) Age specific death rates are calculated as the number of suicides for an age group per 100,000 population in the same age group, for the period 2002-2006.

Source: ABS (2008) *Causes of Death, Australia, 2006*, Cat. no. 3303.0, Canberra; ABS (unpublished), derived from *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.65

Table 12A.65 Suicide deaths and death rate (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT (b)</i>	<i>NT (b)</i>	<i>Aust</i>
Suicide deaths (no.)									
1998	862	579	579	287	244	59	31	42	2 683
1999	869	552	480	236	200	78	45	32	2 492
2000	733	512	541	261	199	50	29	42	2 367
2001	785	541	500	269	208	64	46	43	2 457
2002	692	528	537	242	170	70	26	55	2 320
2003	640	540	466	227	193	69	35	44	2 214
2004	587	521	453	194	178	88	26	51	2 098
2005	549	505	459	203	231	74	35	45	2 102
2006	504	444	340	207	170	73	32	29	1 799
2002–2006	2 972	2 539	2 255	1 073	942	374	154	224	10 533
Suicide death rate per 100 000 persons (c), (d)									
1998	13.6	12.5	16.8	15.7	16.4	12.5	10.0	22.1	14.3
1999	13.6	11.8	13.7	12.8	13.4	16.5	14.4	16.6	13.2
2000	11.3	10.8	15.2	13.9	13.2	10.6	9.2	21.5	12.3
2001	11.9	11.3	13.8	14.1	13.7	13.6	14.4	21.7	12.6
2002	10.4	10.9	14.5	12.6	11.2	14.8	8.1	27.7	11.8
2003	9.6	11.0	12.3	11.6	12.6	14.5	10.8	21.2	11.1
2004	8.7	10.5	11.7	9.8	11.6	18.2	8.0	25.5	10.4
2005	8.0	9.8	11.6	10.1	14.9	15.8	10.5	21.7	10.3
2006	7.3	8.5	8.3	10.0	10.7	14.7	9.5	13.0	8.6
2002–2006	8.8	10.1	11.7	10.9	12.2	15.9	9.3	22.9	10.5

(a) By year of registration. Year-to-year variation can be influenced by coronial workloads.

(b) Suicide deaths include ICD10 codes X60-X84, X870

(c) Low population results in small variations in the number of suicides appearing as large changes across the single year rates.

(d) Death rates for 1998 to 2000 standardised to the mid-year 1991 population. Death rates for 2001 to 2006 standardised to the mid-year 2001 population.

Source: ABS (2008) *Causes of Deaths, Australia*, Cat. no. 3303.0, Canberra; ABS (unpublished), derived from *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.66

Table 12A.66 **Suicide deaths and death rate, 15–24 year olds (a), (b), (c)**

	NSW	Vic	Qld	WA	SA	Tas (d)	ACT (d)	NT (d)	Aust
Number of suicide deaths of people aged 15–24 years									
1997	170	117	118	43	37	na	11	11	na
1998	146	94	93	55	36	4	6	12	446
1999	122	76	79	47	22	12	9	13	380
2000	99	65	81	44	24	13	5	7	338
2001	93	67	83	44	31	4	7	10	339
2002	83	58	85	46	23	8	–	12	315
2003	78	64	64	39	27	6	9	13	300
2004	75	66	54	23	22	np	3	np	265
2005	66	61	67	30	37	9	5	15	290
2006	63	57	47	32	24	9	6	6	244
2002–2006	366	307	317	169	133	40	25	60	1 417
Suicide death rate per 100 000 persons aged 15–24 years									
1997	19.3	17.7	23.3	16.0	18.4	na	20.9	35.2	na
1998	16.9	14.7	18.6	20.9	18.2	6.3	11.8	38.7	17.1
1999	14.1	11.9	15.8	17.8	11.2	19.1	17.8	42.0	14.6
2000	11.4	10.1	16.1	16.5	12.2	20.8	10.0	22.5	12.9
2001	10.6	10.3	16.3	16.3	15.6	6.4	13.7	32.4	12.8
2002	9.3	8.8	16.3	16.8	11.5	12.8	–	39.0	11.7
2003	8.7	9.6	12.0	14.0	13.3	9.4	17.4	42.7	11.0
2004	8.3	9.7	9.9	8.2	10.8	np	5.8	np	9.6
2005	7.2	8.9	11.9	10.5	17.9	13.9	9.7	48.1	10.4
2006	6.8	8.0	8.1	10.8	11.3	13.8	11.1	18.4	8.5
2002–2006	8.0	8.9	11.5	11.9	12.9	12.5	9.4	38.2	10.2

(a) By year of registration. Year-to-year variation can be influenced by coronial workloads.

(b) Suicide deaths include ICD10 codes X60-X84, X870

(c) Age specific death rates are calculated as the number of suicides for an age group per 100,000 population in the same age group, for the period 2002–2006.

(d) Low population results in small variations in the number of suicides appearing as large changes across the single year rates.

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

Source: ABS (unpublished), derived from *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.67

Table 12A.67 **Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Number of suicide deaths by area</i>									
1999									
Capital city	497	375	221	155	147	34	45	13	1 487
Other urban	310	126	190	62	29	28	..	15	760
Rural	49	51	63	15	24	16	..	4	222
2000									
Capital city	396	336	226	190	143	20	29	19	1 359
Other urban	270	122	228	57	34	10	..	13	734
Rural	51	51	82	14	20	20	..	10	248
2001									
Capital city	424	384	192	198	148	26	46	20	1 438
Other urban	312	109	227	58	39	29	..	9	783
Rural	42	46	74	11	17	9	..	13	212
2002									
Capital city	387	370	195	164	126	27	26	24	1 319
Other urban	260	118	242	56	25	28	..	12	741
Rural	36	38	96	18	18	14	..	18	238
2003									
Capital city	379	372	220	164	137	27	35	20	1 354
Other urban	218	111	185	48	39	22	..	12	635
Rural	38	54	55	11	16	19	..	12	205
2004									
Capital city	358	345	194	141	125	29	26	22	1 240
Other urban	192	122	199	38	np	37	..	..	629
Rural	32	50	55	15	21	22	..	16	211
2005									
Capital city	342	332	179	142	173	29	35	23	1 255
Other urban	186	124	204	45	33	31	..	11	634
Rural	19	49	69	14	25	12	..	11	199
2006									
Capital city	314	298	100	137	124	28	32	12	1 045
Other urban	111	60	130	15	..	21	..	..	337
Rural	79	86	110	55	46	24	..	17	417
2002–2006									
Capital city	1 780	1 718	888	748	685	140	154	101	6 214
Other urban	544	338	780	95	..	131	..	..	1 888
Rural	648	483	587	230	257	103	..	123	2 431
<i>Suicide death rate per 100 000 persons by area (g)</i>									
1999									
Capital city	12.4	11.1	13.9	11.4	13.4	17.3	14.4	14.8	12.4
Other urban	14.7	13.0	13.1	16.8	12.7	15.4	..	24.9	14.2

Table 12A.67

Table 12A.67 **Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Rural	17.1	15.2	13.8	11.9	13.9	17.1	..	9.0	14.6
Total	13.6	11.8	13.7	12.8	13.4	16.5	14.4	16.6	13.2
2000									
Capital city	9.7	9.8	14.0	13.8	13.0	10.2	9.2	21.2	11.2
Other urban	12.7	12.4	15.4	15.2	14.8	5.5	..	21.5	13.5
Rural	17.7	15.2	17.8	11.0	11.5	21.4	..	22.0	16.2
Total	11.3	10.8	15.2	13.9	13.2	10.6	9.2	21.5	12.3
2001									
Capital city	10.3	11.1	11.6	14.2	13.4	13.2	14.4	21.9	11.6
Other urban	14.5	10.9	15.0	15.3	17.0	16.0	..	14.9	14.2
Rural	14.4	13.6	15.8	8.6	9.8	9.7	..	28.3	13.8
Total	11.9	11.3	13.8	14.1	13.7	13.6	14.4	21.7	12.6
2002									
Capital city	9.3	10.5	11.5	11.6	11.3	13.6	8.1	22.3	10.5
Other urban	12.1	11.7	15.7	14.9	10.8	15.4	..	25.9	13.4
Rural	11.5	11.3	19.9	13.0	10.4	15.1	..	40.4	15.0
Total	10.4	10.9	14.5	12.6	11.2	14.8	8.1	27.7	11.8
2003									
Capital city	9.0	10.5	12.7	11.5	12.2	13.5	10.8	18.5	10.7
Other urban	10.0	10.9	11.7	12.6	16.8	12.0	..	26.1	11.3
Rural	12.2	16.0	11.3	7.9	9.2	20.4	..	26.9	12.9
Total	9.6	11.0	12.3	11.6	12.6	14.5	10.8	21.2	11.1
2004									
Capital city	8.5	9.6	10.9	9.7	11.1	14.3	8.0	20.1	9.7
Other urban	8.8	11.8	12.3	9.9	np	19.9	..	np	11.1
Rural	10.2	14.7	11.1	10.9	12.0	23.4	..	37.1	13.2
Total	8.7	10.5	11.7	9.8	11.6	18.2	8.0	25.5	10.4
2005									
Capital city	7.8	8.9	9.8	9.5	15.0	14.5	10.5	19.6	9.5
Other urban	8.6	12.2	12.3	11.6	14.8	17.0	..	22.2	11.2
Rural	6.5	14.7	13.9	9.6	13.5	12.9	..	27.2	12.5
Total	8.0	9.8	11.6	10.1	14.9	15.8	10.5	21.7	10.3
2006									
Capital city	7.2	7.8	5.3	8.9	10.6	13.7	9.3	10.4	7.8
Other urban	8.6	10.4	9.0	8.0	..	11.7	..	..	9.2
Rural	6.8	11.3	15.0	16.4	11.2	24.7	..	18.7	11.6
Total	7.4	8.6	8.4	10.1	10.8	15.2	9.3	14.0	8.7
2002–2006									
Capital city	8.2	9.3	9.9	10.2	12.0	14.0	9.3	18.3	9.5
Other urban	8.6	11.8	12.1	10.7	..	14.8	..	..	10.9

Table 12A.67

Table 12A.67 Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Rural	11.2	12.8	15.0	13.9	12.9	21.7	..	28.9	13.5
Total	8.8	10.1	11.7	10.9	12.2	15.9	9.3	22.9	10.5

- (a) By year of registration. Year-to-year variation can be influenced by coronial workloads.
- (b) The 'overseas', 'no fixed abode' or 'undefined' suicides are included in the Australian and State and Territory totals.
- (c) The Australian total includes the 'Other Territories' — Jervis Bay, Christmas Island and the Cocos (Keeling) Islands.
- (d) For single year data prior to 2006, the categories were as follows: 'capital city' comprises capital city statistical divisions; 'other urban' comprises centres with more than 20 000 people; 'rural' comprises all areas except capital cities and other urban. 'Other urban' comprises statistical local areas with 50 per cent or greater of their 2001 census enumerated population contained in urban centres, based on Australian Standard Geographical Classification (ASGC) 2001 boundaries. 'Rural' comprises statistical local areas with 50 per cent or greater of their 2001 census enumerated population contained in rural areas. Changes in the population within geographical areas may not be reflected in the rates provided. There is some risk that urban growth areas have been classified as rural as the geography was based on the population in those areas in 2001. Therefore, analysis of data should be undertaken with caution.
- (e) For 2006 data and the five year average data (2002–2006) the categories were derived as follows: 'capital cities' — comprising capital city statistical divisions, 'urban centres' — based on 'statistical districts' that are urban centres with population >25 000 people, excluding capital city statistical divisions, (three statistical districts cross state boundaries and have to be split across the relevant states/territories — Albury–Wodonga, Canberra–Queanbeyan and Gold Coast–Tweed); 'rural' — balance of state, that is all areas other than capital cities and urban centres.
- (f) The three criteria for this data tend to distort the Tasmanian picture due to the low level of urbanisation.
- (g) Death rates standardised to the 30 June 2001 population using the indirect method.
.. Not applicable. **np** Not published.

Source: ABS (unpublished), derived from *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.68

Table 12A.68 **Suicide deaths, by Indigenous status (a), (b), (c), (d), (e)**

	<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>Number</i>								
2000–2004								
Non-Indigenous	np	np	2 325	1 073	854	np	np	124
Indigenous	np	np	153	64	32	np	np	110
Total	np	np	2 496	1 192	947	np	np	235
<i>Indigenous suicide rate per 100 000 Indigenous population</i>								
2000–2004	np	np	30.2	23.7	30.4	np	np	45.1
<i>Non-Indigenous suicide rate per 100 000 non-Indigenous population</i>								
2000–2004	np	np	13.0	11.5	11.4	np	np	17.2
<i>Number</i>								
2001–2005								
Non-Indigenous	3 078	np	2 240	1 035	870	np	np	119
Indigenous	88	np	155	49	44	np	np	118
Total	3 166	np	2 395	1 084	914	np	np	237
<i>Indigenous suicide rate per 100 000 Indigenous population</i>								
2001–2005	np	np	32.2	18.8	45.0	np	np	48.2
<i>Non-Indigenous suicide rate per 100 000 non-Indigenous population</i>								
2001–2005	np	np	12.2	10.8	11.4	np	np	15.5
<i>Number</i>								
2002–2006								
Non-Indigenous	np	np	2 116	1 013	897	np	np	109
Indigenous	np	np	139	60	45	np	np	115
Total	np	np	2 255	1 073	942	np	np	224
<i>Indigenous suicide rate per 100 000 Indigenous population</i>								
2002–2006	np	np	20.7	17.2	33.2	np	np	38.7
<i>Non-Indigenous suicide rate per 100 000 non-Indigenous population</i>								
2002–2006	np	np	11.2	10.6	11.8	np	np	15.1

(a) Care should be exercised when using these data as the rates are based on a small number of deaths.

(b) By year of registration. Year-to-year variation can be influenced by coronial workloads.

(c) Data is not adjusted for differences in Indigenous deaths coverage across states and territories and caution is needed in drawing any conclusions about rate differentials.

(d) Non-Indigenous includes Indigenous status 'not stated'.

(e) Calculations of rates for the Indigenous population are based on ABS Experimental Projections, Aboriginal and Torres Strait Islander Australians (ABS cat. no. 3238.0, low series, 2001 base). There are no comparable population data for the non-Indigenous population. Calculations of rates for the non-Indigenous population are based on data derived by subtracting Indigenous population projections from total population estimates and should be used with care. Rates are calculated on an age standardised basis.

np Not published.

Source: ABS (unpublished), derived from *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.69 Deflators used to calculate real state and territory mental health expenditure (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>
2002-03	85.4	86.2	85.7	86.2	86.6	86.5	85.9	86.2
2003-04	88.7	89.2	88.7	89.2	89.6	89.3	89.0	89.5
2004-05	92.3	92.5	92.0	92.3	92.4	92.3	92.2	92.6
2005-06	96.2	96.3	96.1	96.5	96.4	96.3	96.3	96.3
2006-07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) The deflators used are the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services.

Source: ABS (unpublished), derived from the *Australian National Accounts: National Income, Expenditure and Product*, Cat. no. 5204.0.

Table 12A.70 Deflator used to calculate real Australian Government mental health expenditure (a)

	<i>Aus Gov</i>
2002-03	84.3
2003-04	87.6
2004-05	91.0
2005-06	95.4
2006-07	100.0

(a) The deflator used is the implicit price deflator for non-farm GDP.

Source: ABS (2008) *Australian System of National Accounts*, Cat. no. 5204.0, table 26, Canberra.

Table 12A.71

Table 12A.71 Estimated resident populations used in mental health per person calculations (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (c)
2002-03	6 649 460	4 892 483	3 764 672	1 937 581	1 525 933	474 862	324 146	199 305	19 770 963
2003-04	6 688 694	4 952 160	3 857 062	1 967 851	1 536 286	480 772	326 024	200 589	20 011 882
2004-05	6 728 890	5 013 967	3 945 990	1 998 756	1 545 528	484 640	328 155	203 784	20 252 132
2005-06	6 786 435	5 085 505	4 043 814	2 037 272	1 559 372	488 495	332 380	208 407	20 544 064
2006-07	6 854 848	5 165 404	4 132 015	2 080 966	1 575 714	491 666	336 444	212 551	20 851 997

(a) The data represent the mid-point of the relevant financial year. For 2006-07 data, the mid-point is 31 December 2006.

(b) For previous years, the estimated resident population data used in the mental health section were the average of the relevant four quarters for the financial year. Mid-point data are used to match the population data used in the National Mental Health reports.

(c) Includes other territories.

Source: ABS (2008) *Australian Demographic Statistics*, December Quarter 2007, Cat. no. 3101.0