

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.

This file is available in Adobe PDF format on the Review web page (www.pc.gov.au/gsp). Users without Internet access can contact the Secretariat to obtain these tables (see details on the inside front cover of the Report).

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Breast cancer

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women by age, five year averages (a), (b), (c), (d)**

	<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 (e)</i>
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	8.7	3.1
35–39 years	7.9	10.2	6.4	6.8	13.7	10.6	3.2	4.9	8.5
40–44 years	14.0	16.7	16.1	13.5	20.0	16.1	9.3	10.5	15.4
45–49 years	25.2	27.6	27.4	24.0	31.0	31.3	19.6	18.1	26.5
50–54 years	37.6	42.6	40.0	34.2	44.7	45.6	35.9	28.2	39.6
55–59 years	54.9	54.8	47.0	45.8	58.4	49.0	43.5	59.8	52.5
60–64 years	61.7	62.6	59.0	55.9	61.5	66.0	71.8	69.2	61.2
65–69 years	75.1	66.0	64.4	70.7	85.8	67.8	72.2	73.5	71.2
70–74 years	79.5	84.9	83.2	83.9	73.4	79.6	102.1	62.3	81.6
75–79 years	98.7	107.5	92.7	105.0	92.7	108.6	82.5	63.7	99.9
80–84 years	121.0	139.8	123.5	134.7	124.4	118.5	150.2	243.9	128.2
85 + years	177.5	204.0	174.9	179.5	201.3	203.2	192.4	–	187.0
All ages									
ASR (Aust)	24.1	25.8	23.4	23.5	26.3	25.5	23.5	21.7	24.5
Ages 50–69									
ASR (Aust)	54.1	54.3	50.3	48.5	59.3	54.9	52.1	53.5	53.3
2001–2005									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	–	–	–	–	–	–	–	–
20–24 years	–	0.1	–	–	–	–	–	–	–
25–29 years	0.5	0.9	0.3	0.6	0.4	–	–	2.4	0.6
30–34 years	2.5	4.1	3.0	3.5	2.2	2.4	1.5	8.7	3.2
35–39 years	8.3	8.9	6.7	5.8	13.1	9.6	3.2	5.0	8.1
40–44 years	14.7	16.6	15.9	12.2	19.2	14.9	15.4	7.8	15.5
45–49 years	25.1	27.8	26.2	25.3	26.2	33.0	22.7	14.7	26.1
50–54 years	37.8	43.7	37.8	33.2	45.3	50.7	34.3	24.2	39.5
55–59 years	53.3	51.9	44.7	44.2	58.0	49.8	42.8	55.0	50.6
60–64 years	63.1	59.8	63.9	62.2	61.3	70.9	78.7	48.7	62.5
65–69 years	73.7	67.0	71.6	71.2	81.4	59.9	56.1	70.3	71.4
70–74 years	76.5	80.6	77.9	89.3	76.3	77.8	107.5	63.0	79.2
75–79 years	101.4	105.5	93.1	94.6	89.8	97.7	70.3	150.6	99.1
80–84 years	118.0	140.1	123.8	140.6	133.1	144.1	123.4	93.5	128.7

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women by age, five year averages (a), (b), (c), (d)**

	<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 (e)</i>
85 + years	181.6	194.1	183.4	179.7	208.7	175.5	145.2	–	186.8
All ages									
ASR (Aust)	24.0	25.3	23.5	23.4	26.0	25.5	22.5	19.5	24.3
Ages 50–69									
ASR (Aust)	53.8	53.5	51.3	49.1	58.5	56.5	50.0	45.9	53.1
2002–2006									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	–	–	–	–	–	–	–	–
20–24 years	–	0.1	0.1	–	–	–	–	–	0.1
25–29 years	0.5	0.9	0.3	0.9	0.4	–	–	2.4	0.6
30–34 years	2.6	3.6	2.4	3.8	1.9	2.5	1.5	8.7	2.9
35–39 years	8.4	7.6	5.6	6.6	13.6	12.0	4.9	4.9	7.9
40–44 years	14.2	15.5	15.1	13.9	15.6	15.9	21.7	5.2	14.9
45–49 years	25.0	25.7	23.8	23.7	24.4	31.2	19.3	11.5	24.7
50–54 years	38.1	41.2	35.6	30.3	46.0	47.2	34.4	26.8	38.3
55–59 years	52.5	50.1	44.9	48.8	59.0	46.1	38.8	51.5	50.2
60–64 years	65.3	60.6	61.2	63.9	58.1	64.7	72.0	51.9	62.6
65–69 years	67.3	69.1	71.5	66.9	78.0	58.0	54.6	80.3	69.0
70–74 years	77.6	78.3	69.6	74.6	76.2	69.1	94.9	40.3	75.8
75–79 years	99.5	105.2	86.7	81.3	95.9	97.3	76.2	143.9	96.7
80–84 years	120.1	132.2	123.5	132.4	141.7	135.9	155.0	90.9	127.7
85 + years	185.4	205.8	172.3	174.1	215.3	179.5	176.3	–	189.8
All ages									
ASR (Aust)	23.9	24.7	22.3	22.4	25.8	24.5	23.0	18.6	23.8
Ages 50–69									
ASR (Aust)	53.0	52.7	50.0	49.0	57.8	52.6	47.3	48.3	52.2
2003–2007									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.1	–	–	–	–	–	–	–	–
20–24 years	–	0.1	0.1	–	–	–	–	–	0.1
25–29 years	0.7	0.9	0.3	1.2	0.4	–	–	2.3	0.7
30–34 years	2.3	3.4	2.8	3.3	1.2	–	1.5	4.4	2.7
35–39 years	8.5	7.3	7.2	6.7	9.6	9.6	3.2	4.8	7.7
40–44 years	14.3	15.7	13.9	12.4	16.4	10.8	25.2	5.1	14.5
45–49 years	25.5	23.8	21.4	22.0	23.6	27.3	25.6	14.0	23.7
50–54 years	36.1	39.4	30.8	29.0	41.7	38.6	25.8	44.9	35.6

Table 12A.1

Table 12A.1 **Mortality rates from breast cancer for women by age, five year averages (a), (b), (c), (d)**

	<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 (e)</i>
55–59 years	48.6	49.4	45.2	47.1	53.4	46.9	49.4	42.8	48.3
60–64 years	61.1	59.7	63.1	62.8	57.5	54.0	61.8	48.7	60.8
65–69 years	65.4	69.9	73.9	67.4	72.9	52.2	56.3	49.4	68.4
70–74 years	78.4	79.9	68.5	73.2	79.1	76.1	83.0	59.8	76.6
75–79 years	97.0	96.6	84.8	87.0	89.0	97.6	82.9	170.5	93.2
80–84 years	125.1	125.9	127.8	131.0	140.4	148.7	141.1	89.3	128.5
85 + years	187.0	191.5	169.0	186.7	199.4	167.8	193.8	–	185.5
All ages									
ASR (Aust)	23.4	23.9	22.0	22.2	24.4	22.5	23.0	19.3	23.2
Ages 50–69									
ASR (Aust)	50.0	51.9	49.3	48.0	53.8	46.5	45.2	46.0	50.2
2004–2008 (b)									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	0.2	–	–	–	–	–	–	–	0.1
20–24 years	–	0.1	0.1	–	0.4	–	–	–	0.1
25–29 years	0.7	1.0	0.3	0.9	–	–	–	–	0.6
30–34 years	2.2	3.0	2.9	2.5	1.6	–	3.0	2.2	2.5
35–39 years	8.4	6.8	6.7	6.3	8.0	9.4	1.6	7.0	7.3
40–44 years	15.0	15.3	13.5	13.6	15.2	13.4	26.9	2.6	14.7
45–49 years	25.2	22.8	21.5	22.1	22.2	28.8	25.4	19.0	23.3
50–54 years	34.1	36.9	30.9	31.2	39.4	48.3	24.1	40.3	34.5
55–59 years	44.7	47.6	43.5	46.9	53.5	40.9	57.2	28.2	46.1
60–64 years	59.3	59.6	60.8	55.9	61.4	65.3	69.6	31.9	59.7
65–69 years	66.9	66.1	73.4	60.5	71.7	48.7	57.9	32.1	67.0
70–74 years	79.0	76.5	68.0	74.6	73.8	82.9	85.1	54.2	75.6
75–79 years	95.1	95.3	85.3	80.3	83.2	112.9	78.5	128.0	91.4
80–84 years	127.4	131.5	131.3	124.3	146.0	155.5	120.0	84.7	131.2
85 + years	188.2	176.5	168.5	179.1	197.0	151.0	195.7	57.5	180.7
All ages									
ASR (Aust)	23.1	23.0	21.8	21.4	23.8	24.0	23.4	16.2	22.7
Ages 50–69									
ASR (Aust)	48.2	49.8	48.3	45.9	53.6	50.1	48.7	33.8	48.8

ASR = age standardised rate.

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

(b) Historical data may differ from previous reports due to a change in data provider — data were previously provided by the AIHW. Variation in methodology between data providers may result in slightly different data. The ABS does not publish confidence intervals for age standardised rates.

Table 12A.1 Mortality rates from breast cancer for women by age, five year averages (a), (b), (c), (d)

	<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 (e)</i>
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(c) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS *Causes of Death, Australia 2008* for more information.

(d) Causes of death data for 2008 are preliminary and subject to a revisions process. See ABS *Causes of Death, Australia 2008* for more information.

(e) Includes other territories
– Nil or rounded to zero.

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

Table 12A.2

Table 12A.2 Breast cancer five year relative survival at diagnosis (per cent)

Age at Diagnosis	1982–1987		1988–1993		1994–1999		2000–2006	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
29 years or under	71.0	65.7–75.7	71.0	65.9–75.5	76.0	71.3–80.0	84.5	80.2–88.0
30–39 years	73.0	71.3–74.6	76.8	75.3–78.2	81.5	80.2–82.8	85.4	84.2–86.5
40–49 years	77.0	75.9–78.0	82.2	81.4–83.0	87.3	86.7–88.0	90.4	89.8–90.9
50–59 years	71.0	69.8–72.0	80.5	79.7–81.4	88.1	87.6–88.7	90.3	89.9–90.8
60–69 years	73.7	72.6–74.7	81.5	80.7–82.4	87.7	87.0–88.3	91.5	91.0–92.0
70–79 years	71.0	69.5–72.5	77.8	76.6–79.0	84.2	83.2–85.1	85.5	84.6–86.4
80 years or over	66.8	63.7–69.8	69.3	66.8–71.8	70.9	68.7–73.0	76.1	74.1–78.0
All ages	72.6	72.0–73.1	79.3	78.9–79.8	85.3	84.9–85.6	88.3	88.0–88.6

CI = Confidence interval

Source: AIHW and National Breast and Ovarian Cancer Centre 2009, *Breast cancer in Australia: An overview, 2009*, Cancer series no. 50. Cat. no. CAN 46. Canberra: AIHW.

Table 12A.3

	<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>
1999–2003	3 900	2 899	2 147	1 088	990	288	184	59	11 555
2000–2004	4 033	2 948	2 197	1 114	1 011	302	197	60	11 863
2001–2005	4 087	2 970	2 254	1 142	1 011	314	198	61	12 037
2002–2006	4 107	3 007	2 313	1 169	1 023	317	204	59	12 201
2003–2007	4 121	3 048	2 358	1 163	1 037	308	204	60	12 299

(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 Australian Cancer Database, (formerly the National Cancer Statistics Clearing House [NCSCH]).

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>
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	9.2	6.5	6.8	6.5	2.7	4.6	6.7	6.9
30–34 years	24.2	26.3	24.7	29.5	23.5	28.2	31.0	15.6	25.4
35–39 years	60.9	61.2	60.2	56.9	62.7	52.2	53.4	44.2	60.1
40–44 years	120.4	122.5	117.9	105.8	116.7	109.8	125.0	102.6	118.3
45–49 years	175.2	186.5	194.4	186.3	180.2	184.6	191.6	150.3	183.4
50–54 years	237.9	247.5	241.6	265.0	275.9	237.3	303.6	219.9	247.7
55–59 years	300.9	280.4	305.0	311.8	317.3	297.7	349.1	265.0	299.4
60–64 years	327.4	318.8	360.0	350.9	346.4	338.7	336.2	312.3	335.3
65–69 years	318.8	327.4	353.7	350.1	363.6	311.0	382.7	185.2	333.9
70–74 years	318.6	316.9	338.2	271.6	256.7	314.7	305.9	244.0	311.4
75–79 years	310.6	314.5	300.1	313.7	300.5	296.6	340.2	299.6	309.1
80–84 years	310.0	295.9	315.9	330.0	285.8	262.4	327.0	256.5	305.5
85+ years	290.6	312.5	309.9	318.1	292.8	275.6	290.5	341.3	301.8
All ages									
ASR (Aust)	113.2	114.1	118.1	116.7	116.4	110.8	124.6	96.7	114.9
95% CI									
Upper	114.8	116.0	120.3	119.9	119.8	116.7	133.0	110.2	115.8
Lower	111.6	112.3	115.8	113.6	113.2	105.1	116.6	84.3	114.0
Ages 50–69									
ASR (Aust)	288.3	285.9	303.9	311.1	317.7	288.3	336.8	245.5	295.7
95% CI									
Upper	294.2	292.7	312.2	322.9	330.4	310.2	368.3	289.6	299.1
Lower	282.5	279.1	295.8	299.6	305.4	267.6	307.5	206.5	292.2
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	0.5	0.6	2.1	1.4	–	–	1.1
25–29 years	7.0	8.9	6.1	6.6	9.1	4.2	3.1	4.6	7.2
30–34 years	25.0	25.5	24.8	28.4	25.4	25.8	36.8	17.6	25.6
35–39 years	61.4	61.8	58.3	56.4	65.2	53.5	47.5	44.3	60.1
40–44 years	120.1	120.2	118.3	106.9	120.8	120.5	132.0	90.2	118.4
45–49 years	179.7	187.6	196.5	190.3	171.7	190.1	212.4	168.0	186.0
50–54 years	240.0	243.6	237.3	266.3	273.8	232.1	297.6	224.7	246.4

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		301.2	288.0	300.3	303.9	321.6	297.8	349.3	241.7	300.0
60–64 years		332.7	316.8	353.4	337.2	345.2	345.4	345.1	296.1	334.3
65–69 years		327.7	328.0	354.1	354.3	359.8	316.9	405.4	205.8	337.8
70–74 years		324.9	313.8	331.2	278.1	268.2	347.5	358.1	192.3	314.6
75–79 years		318.2	306.0	301.3	295.6	292.4	303.3	405.6	287.1	308.4
80–84 years		314.6	293.3	298.5	336.8	284.1	284.9	298.0	242.8	304.2
85+ years		295.8	314.4	308.3	315.4	302.5	273.0	325.6	332.4	304.8
All ages										
ASR (Aust)		114.9	113.7	116.7	116.0	116.9	113.9	130.7	93.8	115.3
95% CI										
Upper		116.5	115.6	119.0	119.1	120.2	119.8	139.2	106.7	116.2
Lower		113.3	111.9	114.6	112.9	113.6	108.2	122.5	81.9	114.3
Ages 50–69										
ASR (Aust)		291.8	286.2	299.9	307.3	317.2	289.1	340.8	241.2	295.9
95% CI										
Upper		297.7	293.0	307.9	318.8	329.7	310.7	371.8	283.7	299.3
Lower		286.1	279.6	292.0	296.1	305.1	268.7	311.7	203.5	292.5
2001–2005										
0–4 years		–	–	–	–	–	–	–	–	–
5–9 years		–	–	–	–	–	–	–	–	–
10–14 years		–	–	0.1	–	–	–	–	–	0.0
15–19 years		0.1	–	–	0.3	–	–	–	–	0.1
20–24 years		1.6	1.4	0.5	0.6	3.3	1.4	–	–	1.3
25–29 years		7.0	8.4	6.1	6.4	9.7	4.3	3.1	2.3	7.1
30–34 years		24.5	25.5	25.4	26.0	25.9	24.6	31.8	17.6	25.2
35–39 years		61.7	62.5	62.0	56.2	61.3	58.1	49.4	61.3	61.0
40–44 years		124.5	116.8	119.9	113.3	115.6	129.7	132.0	96.7	119.9
45–49 years		183.7	188.7	197.7	193.3	161.6	193.8	203.7	152.6	187.1
50–54 years		237.0	243.5	235.2	268.6	261.5	229.6	287.3	205.6	243.8
55–59 years		295.0	282.1	293.2	294.3	300.5	298.5	352.9	214.6	292.3
60–64 years		334.1	305.3	345.9	332.9	344.0	327.0	328.7	313.0	329.5
65–69 years		337.9	324.9	352.2	349.2	367.3	355.0	398.6	222.7	341.5
70–74 years		307.0	306.7	323.0	279.2	268.4	330.0	361.3	165.7	304.6
75–79 years		313.0	295.2	298.4	287.9	299.2	321.1	401.9	274.5	303.6
80–84 years		300.2	298.3	296.3	333.9	292.1	285.6	280.3	187.1	300.2
85+ years		299.8	315.3	289.1	312.1	316.7	297.6	317.2	192.7	304.7
All ages										
ASR (Aust)		114.5	112.2	115.8	115.5	114.4	115.8	128.0	88.9	114.3
95% CI										
Upper		116.1	114.1	117.9	118.5	117.7	121.7	136.3	100.9	115.2
Lower		112.9	110.4	113.6	112.5	111.3	110.1	120.1	77.8	113.4

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)	291.3	281.6	295.4	303.7	308.5	291.2	333.5	234.2	292.6
95% CI									
Upper	297.1	288.2	303.2	314.9	320.7	312.5	363.6	275.1	295.9
Lower	285.6	275.1	287.7	292.8	296.7	271.1	305.3	197.8	289.3
2002–2006									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	0.1	–	–	–	–	–	–
15–19 years	0.1	–	0.1	0.3	–	–	–	–	0.1
20–24 years	1.3	1.7	0.3	0.9	3.6	1.3	–	–	1.3
25–29 years	6.9	9.1	7.0	7.3	9.4	4.4	6.1	–	7.5
30–34 years	26.2	25.5	24.5	26.8	25.4	23.6	27.2	19.8	25.6
35–39 years	61.9	63.6	61.3	55.6	60.9	57.2	63.9	55.9	61.3
40–44 years	123.0	119.1	122.3	113.8	112.3	139.1	138.6	103.6	120.6
45–49 years	182.4	189.0	198.2	199.6	167.0	190.2	196.3	143.3	187.6
50–54 years	236.4	233.4	233.5	258.9	248.8	227.9	284.9	192.6	238.6
55–59 years	287.2	274.7	288.4	288.0	296.2	292.8	342.4	180.7	285.4
60–64 years	340.0	301.1	334.9	341.1	347.4	331.7	331.1	266.9	329.3
65–69 years	338.6	328.3	359.0	337.6	371.3	366.9	437.6	219.0	343.9
70–74 years	292.6	307.8	325.9	274.0	260.5	298.3	314.3	159.4	297.9
75–79 years	301.8	289.5	292.8	286.3	297.1	321.3	390.3	288.0	296.8
80–84 years	290.8	294.0	297.0	343.9	306.3	280.7	328.0	91.0	298.3
85+ years	297.6	319.3	268.0	313.0	315.7	261.6	360.7	312.9	300.9
All ages									
ASR (Aust)	113.2	111.3	115.0	115.0	113.6	114.7	129.3	83.8	113.4
95% CI									
Upper	114.8	113.1	117.1	118.0	116.8	120.5	137.5	95.3	114.3
Lower	111.7	109.5	112.9	112.0	110.5	109.1	121.4	73.2	112.5
Ages 50–69									
ASR (Aust)	290.4	275.9	292.3	298.4	304.5	292.3	337.4	210.2	289.4
95% CI									
Upper	296.2	282.4	299.9	309.3	316.4	313.3	367.2	247.9	292.6
Lower	284.8	269.5	284.9	287.8	292.9	272.4	309.4	176.8	286.1
2003–2007									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	0.1	–	–	–	–	–	–
15–19 years	–	–	0.1	0.3	–	–	–	–	0.1
20–24 years	1.2	2.2	0.4	0.3	3.5	1.3	–	–	1.3
25–29 years	7.3	8.0	6.7	8.4	8.5	4.4	9.0	2.3	7.5

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	25.5	25.6	25.6	27.2	25.4	11.4	25.7	15.5	25.3
35–39 years	62.2	63.0	58.0	53.7	60.7	53.5	69.5	71.7	60.7
40–44 years	121.1	120.9	124.9	115.5	116.8	132.0	136.6	100.5	121.2
45–49 years	183.9	189.2	190.6	200.2	176.5	187.8	199.4	123.1	187.3
50–54 years	231.4	226.7	231.3	252.0	236.7	220.4	257.6	202.5	232.6
55–59 years	284.7	270.2	279.2	262.6	284.9	273.1	320.3	169.3	277.3
60–64 years	337.0	304.6	329.8	322.1	345.8	311.1	351.9	247.0	325.8
65–69 years	338.8	329.5	350.6	320.8	347.6	346.7	408.4	213.2	338.3
70–74 years	284.3	302.0	325.6	269.0	271.4	286.0	312.2	153.1	293.7
75–79 years	286.0	283.1	295.7	278.0	298.5	305.2	379.5	220.0	288.8
80–84 years	288.7	293.3	304.1	348.6	312.2	278.1	334.9	131.1	299.7
85+ years	288.1	317.9	268.1	299.3	330.9	263.7	341.8	358.0	297.4
All ages									
ASR (Aust)	111.7	110.5	113.5	111.4	112.9	108.8	126.2	81.5	111.8
95% CI									
Upper	113.3	112.3	115.6	114.3	116.1	114.4	134.3	92.6	112.7
Lower	110.2	108.7	111.5	108.5	109.9	103.4	118.5	71.3	110.9
Ages 50–69									
ASR (Aust)	287.5	273.4	286.6	282.2	292.8	276.5	321.5	205.2	283.4
95% CI									
Upper	293.1	279.7	293.9	292.6	304.3	296.6	350.1	241.1	286.6
Lower	281.9	267.1	279.3	272.1	281.6	257.4	294.6	173.3	280.3

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 Australian Cancer Database (formerly the NCSCH).

Table 12A.5

Table 12A.5 BreastScreen Australia: Scope of services provided in each jurisdiction, 2009

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

(c) In WA, open biopsies are provided under BreastScreen Australia to patients referred by Program assessment clinics to the two public hospitals.

Source: State and Territory governments unpublished.

Table 12A.6

Table 12A.6 Expenditure on breast cancer screening (2008-09 dollars) (a), (b), (c)

	Aust Govt.	NSW	Vic (d)	Qld	WA	SA	Tas	ACT (e)	NT (f)	Aust (g)
2004-05										
Direct expenditure	1 251 461	41 905 966	28 790 860	na	na	8 962 936	4 796 856	na	1 170 973	na
Overhead and program wide expenses	1 110 064	10 274 953	1 885 469	na	na	382 385	123 611	na	328 297	na
Total public health	2 361 525	52 180 919	30 676 329	28 068 585	12 003 623	9 345 321	4 920 467	1 999 963	1 499 270	143 056 003
Total public health per female aged 40 years or over (h)	na	33.00	26.00	31.18	26.52	23.96	40.49	28.22	45.66	30.24
2005-06										
Direct expenditure	1 141 178	na	26 304 048	26 112 379	na	na	4 699 189	na	1 179 975	na
Overhead and program wide expenses	1 047 177	na	125 367	3 412 232	na	na	324 346	na	82 854	na
Total public health	2 188 356	51 150 183	29 881 660	29 524 611	11 000 000	9 426 401	5 023 535	2 240 686	1 262 828	141 698 259
Total public health per female aged 40 years or over (h)	na	31.93	24.84	31.92	23.73	23.81	40.75	31.08	36.82	29.40
2006-07										
Direct expenditure	668 035	52 268 640	33 712 035	28 078 272	na	na	4 988 355	na	1 039 664	na
Overhead and program wide expenses	29 402	502 319	1 575	3 855 825	na	na	82 048	na	224 894	na
Total public health	697 437	52 770 958	33 713 610	31 934 096	9 405 290	9 204 480	5 070 403	2 587 503	1 264 558	146 648 334
Total public health per female aged 40 years or over (h)	na	32.43	27.49	33.66	19.80	22.93	40.55	35.23	35.72	29.85
2007-08										
Direct expenditure	na	na	na	na	na	na	na	na	na	na

Table 12A.6

Table 12A.6 Expenditure on breast cancer screening (2008-09 dollars) (a), (b), (c)

	Aust Govt.	NSW	Vic (d)	Qld	WA	SA	Tas	ACT (e)	NT (f)	Aust (g)
Overhead and program wide expenses	na	na	na	na	na	na	na	na	na	na
Total public health	1 361 006	54 990 522	35 603 757	34 813 874	10 234 726	10 274 186	5 308 832	2 732 575	1 639 708	156 959 186
Total public health per female aged 40 years or over (h)	na	33.28	28.48	35.84	21.02	25.26	41.81	36.58	44.82	31.35
2008-09										
Direct expenditure	982 311	59 444 550	35 111 972	na	na	na	4 992 429	na	1 169 413	101 700 675
Overhead and program wide expenses	112 228	424 935	–	na	na	na	108 336	na	400 308	1 045 807
Total public health	1 094 539	59 869 485	35 111 972	41 754 331	15 678 043	11 339 979	5 100 765	3 022 999	1 569 722	174 541 834
Total public health per female aged 40 years or over (h)	na	35.58	27.47	41.87	31.33	27.49	39.53	39.58	41.62	34.12

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

(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. – Nil or rounded to zero.

Source: AIHW unpublished, AIHW Health Expenditure Database; table AA.2; SCRGSP (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 (a)	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	2 394	1 554	5	156	31 517
45–49 years	4 222	6 028	7 233	3 387	2 159	1 221	23	216	24 489
50–54 years	13 163	12 783	8 361	4 925	3 904	923	721	374	45 154
55–59 years	6 471	2 436	3 587	1 212	583	504	222	167	15 182
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	14 999	4 598	3 170	940	168 786
60–64 years	44 369	34 603	26 391	13 372	12 332	3 745	2 309	661	137 782
65–69 years	36 817	27 833	20 875	11 019	10 317	3 084	1 705	375	112 025
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 (a)	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	3 634	2 172	39	260	46 230
45–49 years	11 452	11 127	29 346	9 303	6 511	3 401	735	670	72 545
50–54 years	58 852	43 243	38 647	18 526	16 287	4 735	2 908	1 204	184 402
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	12 655	3 984	2 385	736	145 996
65–69 years	39 160	28 538	22 294	11 401	10 488	3 252	1 759	413	117 305
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
2006									
First screening round									
<40 years	7	–	5	7	–	–	–	–	19
40–44 years	6 109	5 052	11 928	2 903	1 923	1 347	3	122	29 387

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
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	2 882	838	1 195	411	46 973
55-59 years	6 792	2 714	2 891	1 285	514	410	412	168	15 186
60-64 years	3 917	1 413	1 713	604	251	228	172	67	8 365
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	3 792	1 609	1 856	672	75 822
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	3 856	2 157	432	327	49 394
50-54 years	49 862	32 768	30 328	15 391	11 888	3 590	1 777	777	146 381
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	10 057	3 174	1 489	318	116 301
70-74 years	7 369	21 028	15 797	3 194	3 341	2 320	456	42	53 547
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	-	-	-	-	-	-	-	-	-

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
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	2 937	2 022	7	221	44 130
45–49 years	15 589	10 394	28 815	9 005	5 664	3 199	445	493	73 604
50–54 years	64 419	48 219	36 888	20 470	14 770	4 428	2 972	1 188	193 354
55–59 years	63 007	44 428	38 631	20 750	15 422	4 986	3 347	1 100	191 671
60–64 years	51 312	35 459	30 315	15 789	12 781	4 062	2 430	703	152 851
65–69 years	40 923	29 095	23 455	12 707	10 202	3 307	1 566	344	121 599
70–74 years	7 994	21 412	16 172	3 307	3 409	2 363	470	51	55 178
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	53 175	16 783	10 315	3 335	659 475
2007									
<i>First screening round</i>									
<40 years	11	–	5	10	–	–	1	–	27
40–44 years	6 410	4 144	11 449	2 821	1 823	1 077	122	126	27 972
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	2 925	763	941	421	44 663
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

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
65–69 years	3 783	614	998	305	150	118	51	44	6 063
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	7 744	3 503	1 652	1 051	132 778
50–69 years	34 467	16 282	11 586	7 203	3 933	1 459	1 322	702	76 954
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	4 250	2 295	429	368	49 353
50–54 years	43 195	29 868	31 152	14 105	11 038	3 489	2 059	855	135 761
55–59 years	51 545	41 324	34 808	16 635	14 349	4 424	3 162	1 033	167 280
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	9 945	2 994	1 786	448	113 966
70–74 years	6 933	17 192	15 877	2 917	3 506	2 054	392	49	48 920
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	59 764	20 538	10 625	3 584	704 165
50–69 years	178 877	138 243	118 050	55 975	48 338	14 814	9 606	3 051	566 954
<i>First and subsequent rounds</i>									
<40 years	11	–	7	10	–	–	1	–	29

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
40-44 years	7 961	5 203	20 242	4 642	3 032	1 851	125	220	43 276
45-49 years	15 141	10 114	29 782	8 883	6 162	3 180	615	580	74 457
50-54 years	59 295	42 244	37 133	19 261	13 963	4 252	3 000	1 276	180 424
55-59 years	60 200	43 542	37 592	17 835	14 910	4 799	3 397	1 201	183 476
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	10 095	3 112	1 837	492	120 029
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	52 271	16 273	10 928	3 753	643 908
2008									
First screening round									
<40 years	7	-	8	5	-	-	-	-	20
40-44 years	6 511	4 021	11 060	2 803	1 847	1 193	349	77	27 861
45-49 years	8 040	4 928	6 777	3 127	1 883	933	479	152	26 319
50-54 years	19 707	11 326	7 637	5 734	5 006	764	801	410	51 385
55-59 years	11 572	2 610	3 414	1 391	656	412	196	207	20 458
60-64 years	9 223	1 390	1 967	665	355	240	102	90	14 032
65-69 years	5 870	745	1 105	323	165	134	42	44	8 428
70-74 years	1 239	228	356	114	62	34	19	8	2 060
75-79 years	559	94	189	57	26	18	3	4	950
80-84 years	182	50	89	21	11	1	5	2	361

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
85+ years	54	15	32	12	2	1	—	—	116
Not stated	—	—	—	—	—	—	—	—	—
40+ years	62 957	25 407	32 626	14 247	10 013	3 730	1 996	994	151 970
50–69 years	46 372	16 071	14 123	8 113	6 182	1 550	1 141	751	94 303
Subsequent screening round									
<40 years	—	—	—	1	—	—	—	—	1
40–44 years	1 176	1 025	8 889	1 492	1 123	877	6	66	14 654
45–49 years	6 895	4 597	24 003	5 472	4 223	2 572	199	337	48 298
50–54 years	40 297	30 000	33 194	13 723	11 152	3 699	1 786	762	134 613
55–59 years	48 325	39 795	36 631	17 803	15 286	4 538	2 740	957	166 075
60–64 years	46 709	37 787	33 516	16 207	15 000	4 628	2 370	800	157 017
65–69 years	35 283	28 513	24 543	12 246	11 065	3 464	1 563	387	117 064
70–74 years	7 345	11 575	17 115	3 485	3 885	969	389	49	44 812
75–79 years	2 972	3 315	5 533	1 594	1 799	392	134	16	15 755
80–84 years	974	905	1 168	465	601	114	35	6	4 268
85+ years	185	179	316	95	112	20	7	1	915
Not stated	—	—	—	—	—	—	—	—	—
40+ years	190 161	157 691	184 908	72 582	64 246	21 273	9 229	3 381	703 471
50–69 years	170 614	136 095	127 884	59 979	52 503	16 329	8 459	2 906	574 769
<i>First and subsequent rounds</i>									
<40 years	7	—	8	6	—	—	—	—	21
40–44 years	7 687	5 046	19 949	4 295	2 970	2 070	355	143	42 515
45–49 years	14 935	9 525	30 780	8 599	6 106	3 505	678	489	74 617
50–54 years	60 004	41 326	40 831	19 457	16 158	4 463	2 587	1 172	185 998
55–59 years	59 897	42 405	40 045	19 194	15 942	4 950	2 936	1 164	186 533

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
60–64 years	55 932	39 177	35 483	16 872	15 355	4 868	2 472	890	171 049
65–69 years	41 153	29 258	25 648	12 569	11 230	3 598	1 605	431	125 492
70–74 years	8 584	11 803	17 471	3 599	3 947	1 003	408	57	46 872
75–79 years	3 531	3 409	5 722	1 651	1 825	410	137	20	16 705
80–84 years	1 156	955	1 257	486	612	115	40	8	4 629
85+ years	239	194	348	107	114	21	7	1	1 031
Not stated	–	–	–	–	–	–	–	–	–
40+ years	253 118	183 098	217 534	86 829	74 259	25 003	11 225	4 375	855 441
50–69 years	216 986	152 166	142 007	68 092	58 685	17 879	9 600	3 657	669 072
2009									
First screening round									
<40 years	7	–	4	14	–	–	–	–	25
40–44 years	7 012	3 825	10 749	2 973	1 758	1 120	470	96	28 003
45–49 years	7 944	4 748	6 667	3 152	1 731	889	604	181	25 916
50–54 years	17 197	13 445	6 989	5 538	4 829	795	1 049	524	50 366
55–59 years	8 425	2 450	2 956	1 405	594	438	221	210	16 699
60–64 years	6 220	1 380	1 849	704	356	232	112	79	10 932
65–69 years	3 766	691	991	404	160	118	46	51	6 227
70–74 years	1 008	186	352	102	52	46	22	12	1 780
75–79 years	422	72	168	60	26	11	9	2	770
80–84 years	180	25	86	24	4	5	7	1	332
85+ years	48	10	32	10	7	1	2	–	110
Not stated	na	–	3	na	–	–	–	–	na
40+ years	52 222	26 832	30 839	14 372	9 517	3 655	2 542	1 156	141 135
50–69 years	35 608	17 966	12 785	8 051	5 939	1 583	1 428	864	84 224

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
Subsequent screening round									
<40 years	–	–	–	3	–	–	–	–	3
40–44 years	1 398	940	9 093	1 702	1 078	911	18	63	15 203
45–49 years	7 085	4 588	25 650	6 380	4 412	2 771	128	356	51 370
50–54 years	41 408	30 225	33 981	15 267	10 817	4 212	1 871	901	138 682
55–59 years	53 949	41 600	37 723	18 546	14 900	4 997	3 168	1 061	175 944
60–64 years	52 823	42 270	34 949	16 997	14 995	5 049	2 973	850	170 906
65–69 years	40 035	30 562	25 601	12 434	10 874	3 731	1 977	545	125 759
70–74 years	9 139	9 462	18 018	3 485	3 631	954	581	64	45 334
75–79 years	3 491	3 146	5 555	1 546	1 785	360	195	20	16 098
80–84 years	1 170	910	1 298	473	599	110	45	2	4 607
85+ years	237	175	372	90	128	23	9	1	1 035
Not stated	na	–	–	na	–	–	–	–	na
40+ years	210 735	163 878	192 240	76 920	63 219	23 118	10 965	3 863	744 938
50–69 years	188 215	144 657	132 254	63 244	51 586	17 989	9 989	3 357	611 291
<i>First and subsequent rounds</i>									
<40 years	7	–	4	17	–	–	–	–	28
40–44 years	8 410	4 765	19 842	4 675	2 836	2 031	488	159	43 206
45–49 years	15 029	9 336	32 317	9 532	6 143	3 660	732	537	77 286
50–54 years	58 605	43 670	40 970	20 805	15 646	5 007	2 920	1 425	189 048
55–59 years	62 374	44 050	40 679	19 951	15 494	5 435	3 389	1 271	192 643
60–64 years	59 043	43 650	36 798	17 701	15 351	5 281	3 085	929	181 838
65–69 years	43 801	31 253	26 592	12 838	11 034	3 849	2 023	596	131 986
70–74 years	10 147	9 648	18 370	3 587	3 683	1 000	603	76	47 114
75–79 years	3 913	3 218	5 723	1 606	1 811	371	204	22	16 868

Table 12A.7

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

	NSW	Vic (a)	Qld	WA	SA	Tas	ACT	NT	Aust
80–84 years	1 350	935	1 384	497	603	115	52	3	4 939
85+ years	285	185	404	100	135	24	11	1	1 145
Not stated	na	–	3	na	–	–	–	–	na
40+ years	262 957	190 710	223 079	91 292	72 736	26 773	13 507	5 019	886 073
50–69 years	223 823	162 623	145 039	71 295	57 525	19 572	11 417	4 221	695 515

(a) The reduction in number of women screened in Victoria in 2008 is associated with lower activity targets in response to budgetary constraints.

– 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, 2008-09 (a), (b), (c)

AR-DRG	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A	Major procedures for malignant breast conditions									
	No. separations	2 366	1 769	1 333	648	533	111	111	28	6 899
	Separations/10 000	3.4	3.3	3.1	2.9	3.3	2.2	3.2	1.3	3.2
J07A	Minor procedures for malignant breast conditions									
	No. separations	680	603	478	184	146	33	26	12	2 162
	Separations/10 000	1.0	1.1	1.1	0.8	0.9	0.7	0.8	0.5	1.0
J10Z	Skin, subcutaneous tissue and breast plastic operating room procedures									
	No. separations	2 058	2 006	1 642	748	939	161	75	48	7 677
	Separations/10 000	2.9	3.7	3.8	3.4	5.8	3.2	2.2	2.2	3.6
J11Z	Other skin, subcutaneous tissue and breast procedures									
	No. separations	8 371	12 603	7 658	4 429	3 353	721	259	275	37 669
	Separations/10 000	11.9	23.5	17.6	20.1	20.8	14.4	7.5	12.4	17.4
J62A	Malignant breast disorders (Age >69 W CC) or W (Catastrophic or Severe CC)									
	No. separations	397	321	159	114	129	26	20	np	1 170
	Separations/10 000	0.6	0.6	0.4	0.5	0.8	0.5	0.6	np	0.5
J62B	Malignant breast disorders (Age >69 W/O CC) or W/O (Catastrophic or Severe CC)									
	No. separations	125	344	140	387	116	20	15	np	1 151
	Separations/10 000	0.2	0.6	0.3	1.8	0.7	0.4	0.4	np	0.5
Total separations in public hospitals (d)										
	No. separations	1 460 817	1 345 098	852 572	453 946	362 926	92 747	83 912	94 183	4 746 201
	Separations/10 000	2 074.6	2 507.3	1 960.1	2 059.6	2 251.4	1 853.9	2 412.4	4 248.6	2 193.0

W=with. W/O=without. CC=complications and co-morbidities.

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

(b) AR-DRG version 5.2.

Table 12A.8 Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals, 2008-09 (a), (b), (c)

AR-DRG	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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(c) Data in this table differ from data 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 2008.

np Not published.

Source: AIHW 2010, *Australian Hospital Statistics 2008-09*, Cat. no. HSE 84.

Table 12A.9

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

	<i>NSW</i>	<i>Vic (e)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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
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

Table 12A.9

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

	<i>NSW</i>	<i>Vic (e)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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
2007–2008									
40–44 years	6.3	5.3	25.2	11.1	10.2	22.0	3.8	4.2	10.9
45–49 years	11.6	10.2	37.3	21.5	20.0	34.0	9.7	13.2	18.6
50–54 years	50.1	48.0	53.6	52.1	53.1	47.7	45.7	34.8	50.4
55–59 years	55.4	54.1	57.8	55.2	57.6	56.7	57.0	42.7	55.6
60–64 years	58.0	57.7	60.0	57.8	61.5	59.3	59.0	45.5	58.6
65–69 years	56.5	56.2	59.2	58.0	60.2	58.7	58.2	41.2	57.4
70–74 years	13.5	33.2	52.8	19.7	25.2	34.0	18.3	8.6	27.9
75–79 years	6.7	13.2	19.4	10.8	13.5	11.2	8.6	4.9	11.7
80–84 years	2.6	2.9	5.0	4.1	5.0	3.9	2.7	2.7	3.5
85+ years	0.6	0.6	1.3	0.9	0.9	0.6	0.4	0.3	0.8
40+ years									
ASR	29.2	30.2	41.8	32.8	34.0	37.6	28.7	22.2	32.8
Ages 50–69									
ASR	54.4	53.1	57.1	55.2	57.4	54.5	53.8	40.3	54.8
2008–2009									
40–44 years	6.5	5.1	24.8	11.1	9.9	22.9	6.7	3.4	10.9
45–49 years	11.4	9.7	38.1	21.9	19.8	35.6	10.9	12.4	18.6
50–54 years	48.9	47.8	54.8	53.2	55.4	50.6	44.9	36.6	50.6
55–59 years	55.4	53.5	59.1	57.1	57.9	58.5	56.5	42.1	56.0
60–64 years	58.1	57.8	61.6	59.8	62.8	63.0	61.0	46.5	59.4
65–69 years	56.6	56.1	60.6	59.1	60.9	62.1	58.3	42.9	57.9
70–74 years	15.1	23.8	54.3	20.5	25.0	21.3	22.1	9.6	26.1
75–79 years	7.0	8.5	20.5	11.4	13.6	9.9	9.9	5.0	10.8
80–84 years	2.8	2.9	5.5	4.3	5.2	3.6	3.1	2.0	3.7
85+ years	0.6	0.6	1.5	–	1.0	0.7	0.7	0.5	0.7
40+ years									
ASR	29.2	28.9	42.7	33.7	34.5	38.3	29.8	22.5	32.8
Ages 50–69									
ASR	54.0	53.0	58.4	56.7	58.6	57.4	53.8	41.3	55.2

ASR = age standardised rate.

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

	<i>NSW</i>	<i>Vic (e)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
(a)	The participation rate is the number of women resident in the jurisdiction who were screened during the reference period, divided by the number of women resident in the jurisdiction, using the ABS estimated resident population. This value represents the estimated population at the midpoint of the reference period. It is an average of the two estimated resident populations for the two calendar years (by adding both years and dividing by two).								
(b)	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.								
(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)	Data may differ from that published elsewhere which allocate women to jurisdictions based on the jurisdiction in which the screening took place.								
(e)	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 2009, *Population by Age and Sex, Australian States and Territories, June 2009*, Cat. no. 3201.0.

Table 12A.10

Table 12A.10 Participation of women in BreastScreen Australia by residential status, 2008 and 2009 (24 month period)

	<i>Unit</i>	<i>NSW (a)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
40+ years									
Residents	no.	494 199	370 164	422 715	169 938	142 389	49 607	23 639	8 898
Non-residents	no.	na	1 773	2 137	na	147	73	2 064	73
Proportion non-residents	%	na	0.5	0.5	na	0.1	0.1	8.0	0.8
Ages 50–69									
Residents	no.	421 247	311 829	275 947	133 154	112 591	35 851	19 995	7 507
Non-residents	no.	na	1 405	1 487	na	119	55	1 696	65
Proportion non-residents	%	na	0.4	0.5	na	0.1	0.2	7.8	0.9

(a) Data for the number of women screened by jurisdiction of residence are not available for NSW or WA. However, the number of residents from other jurisdictions that are screened in NSW and WA is negligible in relation to the total number of women screened.

Source: State and Territory governments unpublished.

Table 12A.11

Table 12A.11 Participation rates of Indigenous 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</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2004–2005									
Aged 40–49 years	7.0	4.1	26.7	12.5	7.5	17.8	5.6	6.1	13.2
Aged 50–59 years	28.7	32.0	46.4	27.6	32.4	36.4	32.0	21.0	33.1
Aged 60–69 years	36.5	32.2	51.0	37.0	35.0	na	na	23.4	38.2
Aged 70–79 years	14.4	19.4	32.4	23.5	11.6	na	na	9.3	19.8
Aged 80+ years	5.3	1.9	4.3	6.8	2.3	na	na	2.5	4.4
Age 40+ years (ASR)	19.1	18.8	35.6	22.2	19.5	na	na	13.5	23.4
Age 50–69 years (ASR)	31.7	32.1	48.2	31.3	33.4	na	na	22.0	35.2
2005–2006									
Aged 40–49 years	4.6	3.0	25.4	12.8	7.5	16.8	4.1	5.6	12.0
Aged 50–59 years	32.1	28.9	46.1	27.8	31.4	32.3	38.8	21.3	33.8
Aged 60–69 years	41.1	32.5	48.9	36.3	31.6	na	na	25.0	39.1
Aged 70–79 years	9.5	21.4	28.5	23.1	9.9	na	na	8.6	17.0
Aged 80+ years	2.1	1.3	4.7	6.6	2.1	na	na	1.7	3.4
Age 40+ years (ASR)	19.2	17.8	34.3	22.1	18.3	na	na	13.5	22.9
Age 50–69 years (ASR)	35.6	30.3	47.2	31.1	31.5	na	na	22.7	35.9
2006–2007									
Aged 40–49 years	5.5	3.2	24.2	13.9	8.6	12.4	2.8	5.3	11.9
Aged 50–59 years	34.0	27.0	43.7	28.9	31.8	30.8	31.0	22.1	33.7
Aged 60–69 years	42.0	33.4	45.9	37.4	33.1	39.7	47.1	22.8	38.5
Aged 70–79 years	10.1	18.8	28.4	18.9	9.5	na	na	8.0	16.4
Aged 80+ years	1.8	–	4.5	8.2	4.1	na	na	1.6	3.4
Age 40+ years (ASR)	20.2	17.1	32.6	22.5	19.2	na	na	13.2	22.7
Age 50–69 years (ASR)	37.1	29.5	44.5	32.2	32.3	34.3	37.4	22.4	35.6
2007–2008									
Aged 40–49 years	6.6	3.1	24.7	14.3	9.9	12.6	5.8	4.6	12.5
Aged 50–59 years	34.5	23.9	45.2	27.2	30.8	29.0	23.5	22.6	33.7
Aged 60–69 years	40.8	33.3	48.3	36.5	32.8	55.6	76.0	25.0	39.0
Aged 70–79 years	10.1	15.7	30.6	18.7	13.4	na	na	7.1	16.8
Aged 80+ years	1.8	0.6	5.4	7.8	3.1	na	na	1.6	3.6
Age 40+ years (ASR)	20.5	15.8	34.0	21.9	19.8	na	na	13.3	23.0
Age 50–69 years (ASR)	37.0	27.6	46.4	30.8	31.6	39.5	44.2	23.5	35.8
2008–2009									
Aged 40–49 years	7.2	3.7	24.6	12.0	10.1	16.3	6.8	3.7	12.5
Aged 50–59 years	34.3	23.9	47.1	26.6	31.9	36.2	25.3	22.8	34.5
Aged 60–69 years	41.1	32.8	50.6	31.1	34.1	75.6	85.7	25.8	39.6
Aged 70–79 years	11.1	12.4	32.1	14.4	22.1	na	na	5.3	16.9
Aged 80+ years	2.7	2.5	6.7	3.8	4.1	na	na	1.6	4.1
Age 40+ years (ASR)	20.9	15.6	35.2	19.2	21.6	na	na	13.0	23.4
Age 50–69 years (ASR)	37.0	27.4	48.5	28.4	32.8	51.7	49.1	24.0	36.5

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

	NSW	Vic (d)	Qld	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 (SLA). Reference period is 24 months.
- (b) Historical rates in this table may differ from those in previous Reports, as new ABS Indigenous population estimates and projections have been used following the 2006 Census of Population and Housing.
- (c) Indigenous is defined as women who have self-identified as being of Aboriginal and/or Torres Strait Islander descent.
- (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.

na Not available.

Source: State and Territory governments unpublished; ABS unpublished, *Experimental Estimates And Projections, Aboriginal And Torres Strait Islander Australians, 1991 to 2021*, Cat. no. 3238.0.

Table 12A.12

Table 12A.12 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>
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
2007–2008									
Aged 40–49 years	8.8	3.9	34.7	17.1	14.1	7.6	1.8	8.0	10.7
Aged 50–59 years	52.9	31.5	66.0	60.8	53.5	18.5	16.8	37.1	47.1
Aged 60–69 years	53.2	39.2	67.5	65.1	57.4	27.7	18.1	40.7	49.7
Aged 70–79 years	8.3	18.6	42.1	13.4	14.3	12.5	2.7	8.1	15.7
Aged 80+ years	1.2	1.0	3.1	2.0	1.7	1.9	0.6	1.8	1.4
Aged 40+ years (ASR)	28.3	19.6	48.0	36.1	31.8	14.5	8.9	21.4	27.7
Aged 50–69 years (ASR)	53.0	34.6	66.6	62.5	55.1	22.2	17.3	38.5	48.1
2008–2009									
Aged 40–49 years	8.4	3.5	36.8	17.4	14.8	16.3	2.0	4.5	10.7
Aged 50–59 years	52.2	30.0	69.0	63.3	54.6	32.0	15.2	22.2	46.7
Aged 60–69 years	53.4	36.7	68.8	67.9	56.6	39.0	16.6	28.4	49.0
Aged 70–79 years	8.7	12.4	43.6	13.8	15.0	8.4	3.9	2.6	13.7
Aged 80+ years	1.3	0.9	3.4	2.3	2.2	1.9	0.5	0.3	1.5
Aged 40+ years (ASR)	28.0	17.7	49.9	37.5	32.4	22.6	8.4	13.1	27.2
Aged 50–69 years (ASR)	52.7	32.6	68.9	65.1	55.4	34.8	15.7	24.7	47.6

Table 12A.12 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) 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 2006 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 (SLA). Reference period is 24 months.
- (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) An apparent drop in participation of NESB women in Tasmania from the 2005–2006 screening period coincided with a significant reduction in self-reporting of NESB status that followed a change in the client registration form in 2006. Since revision of the form in May 2009, both self-reporting of NESB status and participation rates are returning to earlier levels. The observed drop in participation, therefore, appears to reflect the drop in self reporting of NESB status rather than reduced participation.

Source: State and Territory governments unpublished; ABS 2009, *Population by Age and Sex, Australian States and Territories, June 2008*, Cat. no. 3201.0; ABS unpublished, *2006 Census of Population and Housing*.

Table 12A.13

Table 12A.13 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>
2005–2006 (g), (h)									
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
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

Table 12A.13

Table 12A.13 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)	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
2008–2009 (i), (j)									
Major Cities									
Aged 40–49 years	8.3	7.2	30.7	16.2	14.6	..	8.7	..	13.3
Aged 50–59 years	50.5	50.2	55.1	55.3	56.4	..	50.0	..	52.2
Aged 60–69 years	55.5	56.7	59.4	59.9	60.9	..	60.2	..	57.5
Aged 70–79 years	10.3	15.9	37.6	15.0	17.9	..	17.0	..	17.5
Aged 80+ years	1.5	1.5	3.3	2.2	2.6	..	2.0	..	2.0
Age 40+ years (ASR)	28.0	28.6	41.5	33.5	33.9	..	29.7	..	31.6
Age 50–69 years (ASR)	52.3	52.6	56.7	57.0	58.1	..	53.7	..	54.2
Inner Regional									
Aged 40–49 years	9.8	7.4	28.7	14.4	14.4	29.5	2.7	..	15.5
Aged 50–59 years	54.7	52.8	56.6	51.2	55.5	55.4	25.9	..	54.5
Aged 60–69 years	60.6	59.8	61.5	58.9	64.4	63.6	41.2	..	60.9
Aged 70–79 years	12.5	18.7	39.4	20.0	23.0	14.6	27.1	..	20.6
Aged 80+ years	1.7	2.1	3.4	3.5	3.6	1.8	1.6	..	2.3
Age 40+ years (ASR)	30.9	30.3	41.6	32.3	34.9	38.4	21.1	..	33.9
Age 50–69 years (ASR)	56.9	55.4	58.4	54.1	58.8	58.4	34.7	..	56.8
Outer Regional									
Aged 40–49 years	13.4	10.5	36.0	14.8	16.6	29.5	..	7.3	21.9
Aged 50–59 years	52.9	55.7	61.4	55.3	57.0	52.9	..	42.3	55.9
Aged 60–69 years	60.0	61.9	64.9	61.2	64.0	60.9	..	49.8	61.9
Aged 70–79 years	16.1	22.0	42.5	22.6	23.4	18.7	..	7.0	25.0
Aged 80+ years	3.1	3.5	4.1	5.0	5.0	3.1	..	0.9	3.8
Age 40+ years (ASR)	32.1	33.1	46.6	34.4	36.1	37.8	..	23.9	37.3
Age 50–69 years (ASR)	55.5	58.1	62.7	57.4	59.6	55.8	..	45.1	58.1
Remote									
Aged 40–49 years	23.4	14.0	39.5	20.8	18.9	30.3	..	10.0	24.0
Aged 50–59 years	61.8	55.1	61.0	51.4	65.2	44.1	..	37.6	54.8
Aged 60–69 years	69.7	58.5	68.4	61.0	72.2	65.2	..	41.9	64.1
Aged 70–79 years	22.7	23.4	47.9	23.7	31.7	17.5	..	11.5	30.3
Aged 80+ years	5.6	5.5	7.3	5.5	7.5	1.5	..	1.7	6.1
Age 40+ years (ASR)	40.7	33.8	49.2	35.6	41.9	36.0	..	22.8	39.1
Age 50–69 years (ASR)	64.8	56.4	63.8	55.2	67.8	52.2	..	39.2	58.4
Very remote									
Aged 40–49 years	24.7	..	37.9	22.3	21.5	48.4	..	6.9	23.8
Aged 50–59 years	70.3	..	63.2	47.4	51.5	66.5	..	29.0	49.4

Table 12A.13 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	73.1	..	64.0	42.1	51.5	61.8	..	32.0	51.0
Aged 70–79 years	32.1	..	41.9	19.5	26.5	34.8	..	7.0	28.6
Aged 80+ years	11.8	..	5.8	6.0	7.7	7.8	..	2.8	6.1
Age 40+ years (ASR)	45.6	..	47.8	31.2	34.4	51.8	..	17.1	35.0
Age 50–69 years (ASR)	71.3	..	63.5	45.4	51.3	65.1	..	30.0	50.0

ASR = age standardised rate.

- (a) Participation rates are the number of women screened as a percentage of the eligible female population. Rates for '40+ 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 *Census of population and housing*. The accuracy of the classifications decreases over time due to changes in demographics within postcode boundaries in the intercensal periods. Not all remoteness areas are represented in each state or territory.
- (d) Women were allocated to a remoteness area based on postcode of usual residence. Some women's postcodes could not be matched to a remoteness area; these women were excluded from the state and territory calculations, but included in the state and territory and Australia totals. Some postcodes supplied by women may not accurately reflect their usual residence.
- (e) Data are not available for the 24 month periods 2006 and 2007, and 2007 and 2008.
- (f) Data for the period 2005 and 2006 cannot be directly compared to data for the period 2008 and 2009. ASGC boundaries based on the 2001 Census differ from boundaries based on the 2006 Census. Minor differences can result in apparently large variations where numerators are small numbers.
- (g) For the period 2005 and 2006, AGSC area boundaries are based on the ABS *2001 Census of population and housing*.
- (h) The eligible female population for the period 2005 and 2006 is calculated as the average of the 2005 ABS estimated resident population (ERP) and an estimate of the 2006 ERP based on previous population patterns.
- (i) For the period 2008 and 2009, remoteness areas are based on the ABS *2006 Census of population and housing*. The accuracy of these classifications decreases over time due to changes in demographics within postcode boundaries since 2006. Sources of inaccuracy particularly affect rates based on small numbers, and these rates should be interpreted with caution. Rates based on small numbers include very remote areas in NSW, SA and Tas, remote areas in Vic and Tas, and inner regional areas in the ACT.
- (j) The eligible female population for the period 2008 and 2009 is calculated as the average of the ABS ERP for 2008 and 2009.

na Not available. .. Not applicable.

Source: AIHW unpublished, derived from State and Territory data and ABS Census of population and housing.

Table 12A.14

Table 12A.14 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>
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	92.6	89.7	96.4	79.2	90.2
All rounds	87.0	93.3	87.8	94.7	92.3	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	93.9	93.2	100.0	73.3	89.6
All rounds	85.2	93.5	87.1	93.8	93.8	92.3	100.0	81.8	89.5
2007									
First round	89.1	92.5	88.6	91.8	87.2	100.0	100.0	100.0	90.5
Subsequent round	89.3	94.7	89.0	93.7	91.8	95.7	98.1	87.5	91.5
All rounds	89.2	94.4	88.9	93.3	91.3	96.4	98.5	92.3	91.3
2008									
First round	88.2	93.4	88.6	94.2	90.3	96.2	94.1	83.3	90.4
Subsequent round	89.3	93.4	89.9	96.0	92.8	88.9	98.1	86.4	91.5
All rounds	89.1	93.4	89.7	95.7	92.5	90.2	97.2	85.7	91.3
2009									
First round	85.1	91.8	86.9	94.1	86.0	95.0	94.1	100.0	88.3
Subsequent round	86.2	94.9	90.6	91.6	94.9	93.3	98.9	77.3	90.9
All rounds	86.0	94.4	90.0	92.1	93.7	93.6	98.1	85.7	90.4

Source: State and Territory governments unpublished.

Table 12A.15

Table 12A.15 Real cost per woman screened (2009-10 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld (e)	WA (f)	SA (g) (h)	Tas (i)	ACT (j)	NT	Aust
2005-06										
Labour costs	\$'000	24 268	17 176	20 634	5 624	6 079	2 918	1 486	634	78 819
Materials and supplies	\$'000	3 195	2 805	2 427	378	2 115	251	235	247	11 652
Accommodation	\$'000	784	1 107	810	688	456	459	255	43	4 603
Other recurrent	\$'000	7 699	7 817	2 577	4 346	472	950	203	214	24 278
Depreciation & amortization	\$'000	2 352	1 840	1 867	105	395	na	70	42	6 672
User cost of capital	\$'000	875	na	832	-	36	na	33	na	1 776
Other costs	\$'000	na	na	na	-	12	na	-	na	12
Total cost	\$'000	39 174	30 746	29 147	11 141	9 565	4 578	2 281	1 181	127 813
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	\$	156.70	155.58	143.24	128.93	138.41	178.36	198.44	272.98	150.70
2006-07										
Labour costs	\$'000	26 907	17 434	20 332	6 622	6 951	2 861	1 534	614	83 254
Materials and supplies	\$'000	3 337	4 353	2 508	431	794	176	219	215	12 034
Accommodation	\$'000	829	1 333	725	711	708	455	151	39	4 951
Other recurrent	\$'000	7 628	7 585	2 374	4 122	635	915	280	189	23 727
Depreciation & amortization	\$'000	2 686	1 908	1 971	307	185	na	77	47	7 181
User cost of capital	\$'000	794	na	835	-	18	na	27	na	1 673
Other costs	\$'000	na	na	na	-	105	na	-	na	105
Total cost	\$'000	42 181	32 613	28 745	12 193	9 396	4 407	2 287	1 103	132 925
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	\$	166.15	161.08	142.79	141.31	140.08	183.82	191.16	254.61	156.15
2007-08										
Labour costs	\$'000	27 591	17 046	21 394	6 629	7 223	3 050	1 956	635	85 525
Materials and supplies	\$'000	2 910	4 103	2 336	621	632	160	221	377	11 360

Table 12A.15

Table 12A.15 Real cost per woman screened (2009-10 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld (e)	WA (f)	SA (g)	Tas (i)	ACT (j)	NT	Aust
Accommodation	\$'000	916	1 262	736	767	498	386	27	63	4 656
Other recurrent	\$'000	9 117	7 260	1 129	4 452	1 435	829	365	156	24 742
Depreciation & amortization	\$'000	3 015	1 894	1 860	258	130	na	72	72	7 301
User cost of capital	\$'000	1 006	na	1 317	-	13	na	38	na	2 374
Other costs	\$'000	na	na	na	-	133	na	na	na	133
Total cost	\$'000	44 555	31 565	28 772	12 727	10 064	4 425	2 679	1 304	136 090
Number of women screened	no.	245 637	197 005	210 860	82 399	71 048	24 910	11 760	4 537	848 156
Cost per woman screened	\$	181.38	160.23	136.45	154.45	141.65	177.64	227.81	287.40	160.45
2008-09										
Labour costs	\$'000	28 097	17 513	25 626	6 899	8 152	2 867	2 090	582	91 825
Materials and supplies	\$'000	2 398	4 122	2 543	924	718	174	232	315	11 426
Accommodation	\$'000	938	1 182	672	860	490	562	18	52	4 774
Other recurrent	\$'000	10 378	6 496	4 560	4 921	1 435	856	225	151	29 023
Depreciation & amortization	\$'000	3 702	1 073	3 007	259	68	na	68	86	8 263
User cost of capital	\$'000	1 591	na	1 770	-	39	na	29	na	3 429
Other costs	\$'000	na	na	na	-	-	na	na	na	-
Total cost	\$'000	47 104	30 386	38 178	13 863	10 902	4 459	2 663	1 185	148 741
Number of women screened	no.	260 013	189 495	217 592	88 713	74 107	25 371	12 013	4 520	871 824
Cost per woman screened	\$	181.16	160.35	175.46	156.27	147.11	175.77	221.64	262.26	170.61
2009-10										
Labour costs	\$'000	29 030	18 105	28 703	7 152	8 124	3 333	2 299	592	97 338
Materials and supplies	\$'000	1 770	3 714	2 624	612	713	156	271	492	10 352
Accommodation	\$'000	982	1 454	1 113	845	452	563	19	72	5 500
Other recurrent	\$'000	9 804	7 019	3 600	5 860	1 416	693	426	179	28 997
Depreciation & amortization	\$'000	3 880	1 135	3 564	276	92	na	44	84	9 075

Table 12A.15

Table 12A.15 Real cost per woman screened (2009-10 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld (e)	WA (f)	SA (g) (h)	Tas (i)	ACT (j)	NT	Aust
User cost of capital	\$'000	1 938	na	1 638	na	225	na	na	na	3 801
Other costs	\$'000	na	na	na	na	-	na	na	na	-
Total cost	\$'000	47 405	31 427	41 242	14 745	11 022	4 745	3 059	1 419	155 064
Number of women screened	no.	264 695	195 454	226 202	96 071	73 015	27 352	12 909	4 856	900 554
Cost per woman screened	\$	179.09	160.79	182.32	153.48	150.96	173.48	236.97	292.22	172.19

(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 (2009-10 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) State Government subsidies included for Queensland from 2008-09.

(f) Other recurrent' for WA includes capital replacement costs.

(g) Prior to 2005-2006 Visiting Medical specialist services in SA 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.

(h) A small number of women who are eligible for annual screening may be screened more than once in a financial year. Therefore, SA 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.

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

(j) ACT historical data differ from those published in previous reports due to a methodological change applied to data from 2007-08 onwards, therefore, these data are not comparable to data for years up to and including 2006-07.

na Not available. – Nil or rounded to zero.

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

Table 12A.16

Table 12A.16 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	Yes
Biopsies (b)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
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	No	Yes	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	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	Yes
Direct costs (costs directly attributable)								
Labour costs	Yes	Yes	Yes	na	Yes	Yes	Yes	Yes
Salaries and payments in the nature of salaries	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Payroll tax	Yes	Yes	Yes	No	No	Yes	..	Yes
Long-service leave entitlements	Yes	Yes	Yes	Yes	Yes	No	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.16

Table 12A.16 **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	na	Yes	No	Yes	Yes
Buildings and building fixtures (for both breast screening services and administration)	Yes	Yes	Yes	Yes	Yes	..	..	No
Vehicles (including vehicles used as part of mobile screening operations)	Yes	Yes	Yes	Yes	Yes	..	..	No
Equipment (including both medical and IT equipment not fixed to buildings and mobile screening units)	Yes	Yes	Yes	Yes	Yes	..	Yes	Yes
User cost of capital	Yes	No	Yes	na	Yes	No	..	Yes
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	na	Yes	na	Yes	..	..	No
Indirect costs (for example, departmental overheads)	No	Yes	Yes	na	No	No	..	Yes
If indirect costs are included, how are they allocated?	..	Yes	Yes	na	..	..	..	Yes
Pro-rata (for example, based on direct costs of FTE staffing)	..	Yes	Yes	na	..	..	..	na
Activity based costing	..	No	Yes	na	..	..	..	na
Formula (not covered by the above)	..	No	Yes	na	..	..	..	na
Other (for example, based on judgement)	..	No	Yes	na	..	..	..	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	na	Yes	Yes	No	No	..	No
If subsidies are received, are they included in cost calculations?	No	na	Yes	na	..	..	..	..
Can the value of the subsidy be accurately estimated?	No	na	Yes	No	..	..	..	..
Have all costs been estimated on an accrual basis? If not please indicate where not.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

FTE=Full time equivalent

Table 12A.16

Table 12A.16 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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(a) Accommodation costs for the NT are for locum staff only.

(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.17

Table 12A.17 **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>
2005									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	51	37	61	33	21	4	5	1	213
>10mm to 15mm	64	31	61	26	16	8	4	1	211
Over 15mm	141	104	133	72	48	16	11	4	529
Unknown size (invasive)	1	4	–	–	–	1	–	–	6
DCIS	60	37	47	46	12	5	2	2	211
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	2	1	–	–	22
DCIS	207	170	138	86	33	24	9	3	670
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	35	63	35	20	3	8	1	229
>10mm to 15mm	49	27	64	24	15	5	5	1	190
Over 15mm	148	88	184	72	46	4	16	1	559

Table 12A.17

Table 12A.17 **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)	2	2	–	1	–	na	–	–	na
DCIS	74	50	68	44	18	na	2	–	na
Total	337	202	379	176	99	na	31	3	na
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	305	259	233	92	97	33	9	1	1 029
>10mm to 15mm	247	234	157	73	70	21	10	5	817
Over 15mm	288	260	200	75	55	30	9	9	926
Unknown size (invasive)	3	12	–	1	4	na	–	–	na
DCIS	185	210	164	91	59	na	9	5	na
Total	1 028	975	754	332	285	na	37	20	na
Ratio	3.1	4.8	2.0	1.9	2.9	7.0	1.2	6.7	2.8
2008									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	70	38	98	39	17	6	5	1	274
>10mm to 15mm	87	34	58	25	22	3	3	1	233
Over 15mm	188	100	198	80	50	20	11	6	653
Unknown size (invasive)	5	4	–	–	–	–	–	–	9
DCIS	73	48	75	45	17	6	1	3	268
Total	423	224	429	189	106	35	20	11	1 437
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	354	261	257	116	118	34	12	6	1 158
>10mm to 15mm	259	224	203	108	94	25	15	1	929
Over 15mm	285	277	204	88	71	22	16	4	967
Unknown size (invasive)	13	16	na	2	2	–	–	–	na
DCIS	190	211	175	88	55	27	6	5	757
Total	1 101	989	na	402	340	108	49	16	na
Ratio	2.6	4.4	2.0	2.1	3.2	3.1	2.5	1.5	2.7
2009									
Number of women undergoing mastectomy, by cancer type and size									
10mm or less	83	38	114	25	29	7	8	2	306
>10mm to 15mm	78	27	81	24	13	6	8	1	238
Over 15mm	218	99	209	92	46	14	17	10	705
Unknown size (invasive)	3	2	–	1	–	–	–	–	6
DCIS	79	48	83	47	21	3	4	1	286
Total	461	214	487	189	109	30	37	14	1 541
Number of women undergoing breast conserving surgery, by cancer type and size									
10mm or less	385	253	315	115	116	45	16	10	1 255

Table 12A.17

Table 12A.17 **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	264	218	220	93	83	28	22	2	930
Over 15mm	289	245	220	90	50	25	15	4	938
Unknown size (invasive)	4	8	–	–	2	1	–	–	15
DCIS	226	209	205	87	72	11	13	4	827
Total	1 168	933	960	385	323	110	66	20	3 965
Ratio	2.5	4.4	2.0	2.0	3.0	3.7	1.8	1.4	2.6

DCIS = *Ductal carcinoma in situ*.

(a) Rate applies for women of all ages.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments unpublished.

Table 12A.18

**Table 12A.18 Selected breast and other cancer AR-DRGs, public sector, population estimated, 2008-09
(a), (b), (c)**

AR- DRG 5.2	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A Major procedures for malignant breast conditions										
Separations	no.	2 369	1 816	1 331	791	516	119	111	28	7 080
Patient days	no.	6 384	6 619	3 150	3 533	1 409	318	289	125	21 828
ALOS	days	3	4	2	4	3	3	3	4	3
Sample size (d)	no. hospitals	56	33	24	11	12	3	2	2	143
Average cost (e)	\$/DRG	6 306	7 000	7 843	9 757	6 121	7 682	7 071	9 433	7 193
Direct	\$/DRG	4 883	5 603	6 965	7 964	4 779	5 635	5 339	7 501	5 826
Overhead	\$/DRG	1 423	1 397	877	1 793	1 343	2 047	1 731	1 932	1 367
J07A Minor procedures for malignant breast conditions										
Separations	no.	677	617	474	218	140	35	26	12	2 200
Patient days	no.	873	863	556	254	208	40	28	15	2 836
ALOS	days	1	1	1	1	1	1	1	1	1
Sample size (d)	no. hospitals	50	36	19	12	15	3	2	2	139
Average cost (e)	\$/DRG	2 941	3 244	4 198	3 937	3 816	3 663	3 417	2 874	3 468
Direct	\$/DRG	2 272	2 572	3 725	3 073	2 903	2 808	2 463	2 330	2 800
Overhead	\$/DRG	669	672	473	864	913	855	954	544	668
J10Z Skin, subcutaneous tissue and breast plastic operating room procedures										
Separations	no.	2 292	2 126	1 668	883	1 005	174	75	48	8 270
Patient days	no.	2 990	2 767	1 928	1 000	1 172	197	88	57	10 199
ALOS	days	1	1	1	1	1	1	1	1	1
Sample size (d)	no. hospitals	77	46	29	25	28	3	2	4	214
Average cost (e)	\$/DRG	2 719	2 888	2 921	3 534	3 275	3 572	4 080	2 909	2 989
Direct	\$/DRG	2 049	2 265	2 559	2 653	2 381	2 575	3 077	2 342	2 334
Overhead	\$/DRG	670	623	362	882	895	997	1 003	567	655

Table 12A.18

**Table 12A.18 Selected breast and other cancer AR-DRGs, public sector, population estimated, 2008-09
(a), (b), (c)**

AR- DRG 5.2	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J11Z Other skin, subcutaneous tissue and breast procedures										
Separations	no.	8 757	14 413	7 780	4 671	3 271	861	259	275	40 287
Patient days	no.	11 166	16 929	9 188	6 072	4 116	1 006	341	651	49 469
ALOS	days	1	1	1	1	1	1	1	2	1
Sample size (d)	no. hospitals	80	47	32	30	36	4	2	4	235
Average cost (e)	\$/DRG	1 949	1 882	1 972	2 479	2 167	2 786	3 189	3 228	2 043
Direct	\$/DRG	1 451	1 407	1 735	1 792	1 518	2 041	2 336	2 519	1 561
Overhead	\$/DRG	498	475	237	687	649	745	852	708	483
J62A Malignant breast disorders (Age >69 W CC) or W (Catastrophic or Severe CC)										
Separations	no.	404	341	165	100	116	26	20	np	1 176
Patient days	no.	2 927	1 795	1 308	504	670	156	164	np	7 557
ALOS	days	7	5	8	5	6	6	8	np	6
Sample size (d)	no. hospitals	59	36	22	13	26	4	2	np	164
Average cost (e)	\$/DRG	6 087	4 459	8 546	6 085	5 329	6 777	8 942	np	5 938
Direct	\$/DRG	4 399	3 494	7 402	4 667	3 379	5 022	6 118	np	4 517
Overhead	\$/DRG	1 688	965	1 144	1 418	1 950	1 755	2 824	np	1 422
J62B Malignant breast disorders (Age >69 W/O CC) or W/O (Catastrophic or Severe CC)										
Separations	no.	112	336	141	455	118	23	15	np	1 205
Patient days	no.	281	464	332	513	168	90	36	np	1 907
ALOS	days	3	1	2	1	1	4	2	np	2
Sample size (d)	no. hospitals	37	27	23	11	13	5	2	np	120
Average cost (e)	\$/DRG	2 115	3 219	2 647	1 725	2 188	4 846	1 583	np	2 406
Direct	\$/DRG	1 513	2 824	2 322	1 563	1 636	3 733	1 195	np	2 054
Overhead	\$/DRG	601	395	326	162	552	1 113	388	np	352

Table 12A.18 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 2008-09**
(a), (b), (c)

AR- DRG 5.2	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
R63Z Chemotherapy										
Separations	no.	2 872	72 830	25 098	24 588	68	1 704	983	331	128 473
Patient days	no.	2 877	72 854	25 105	24 590	71	1 704	996	334	128 531
ALOS	days	1	1	1	1	1	1	1	1	1
Sample size (d)	no. hospitals	35	35	24	14	2	6	2	2	120
Average cost (e)	\$/DRG	841	1 455	1 070	1 552	2 417	678	696	1 260	1 368
Direct	\$/DRG	571	1 269	990	1 252	1 952	539	572	1 082	1 181
Overhead	\$/DRG	270	185	81	300	466	139	123	178	188

W=with. **WO**=without. **CC**=complications and co-morbidities. **ALOS**=Average Length of Stay.

- (a) Estimated population costs are obtained by weighting the sample results according to the known characteristics of the population.
- (b) For small jurisdictions (Tasmania, the ACT and the NT), fluctuations due to small numbers can make comparisons with other jurisdictions unreliable.
- (c) In accordance with NHCDC methodology, depreciation and some other capital costs are included in these figures, except in the case of Victoria which does not include depreciation.
- (d) The sample size is the number of hospitals contributing to the cost and activity data for each AR-DRG.
- (e) 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. Higher average costs for smaller jurisdictions can be in part attributable to diseconomies of scale and the requirement to provide comprehensive health care to their populations.
- np Not published (due to privacy concerns where there are separations less than five).

Source: Australian Government Department of Health and Ageing (DoHA) 2010, *National Hospital Cost Data Collection, Round 13 (2008-09) v5.2*.

Table 12A.19

Table 12A.19 Interval cancer rate for women, by age, per 10 000 women years at risk (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2002									
<i>0–12 months following screening</i>									
<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	7.0	7.1	3.3	7.7	17.5	5.2	–	6.3
50–69 years ASR	5.0	6.2	8.1	2.5	4.7	21.1	6.7	–	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	7.5	8.2	8.1	5.1	6.4	8.9	5.4	2.3	7.2
50–69 years ASR	7.6	6.3	7.2	4.7	6.7	9.0	5.7	–	6.8
<i>13–24 months following screening</i>									
<i>First screening round</i>									
40–49 years	8.3	13.5	6.1	6.9	10.8	15.0	–	28.0	8.9
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	7.6	9.0	12.2	9.5	12.1	26.4	16.1	3.8	9.8
50–69 years ASR	7.2	8.5	13.8	11.0	9.7	31.1	20.6	–	10.1
<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	10.6	12.3	12.2	12.6	10.3	7.6	3.1	9.0	11.3
50–69 years ASR	10.4	12.5	13.0	12.2	11.0	9.0	1.2	11.5	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	6.7	7.4	7.4	4.3	1.7	15.7	–	–	6.6
50–69 years ASR	7.3	7.5	6.6	4.8	1.2	19.0	–	–	6.7

Table 12A.19

Table 12A.19 Interval cancer rate for women, by age, per 10 000 women years at risk (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<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	5.1	6.2	3.3	11.0	6.1
70 + years	6.3	4.6	4.8	13.6	7.8	13.4	–	–	6.1
40+ years ASR	5.9	6.4	5.5	8.1	6.5	7.6	3.1	3.8	6.2
50–69 years ASR	6.0	6.4	5.3	7.3	5.9	7.6	4.0	4.9	6.1
13–24 months following screening									
<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	13.6	15.4	14.1	17.6	12.9	6.2	–	–	13.6
50–69 years ASR	12.1	14.8	14.4	17.9	15.1	5.7	–	–	13.0
<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	12.6	13.8	14.1	10.3	11.8	10.3	5.8	14.1	12.9
50–69 years ASR	12.0	14.6	14.4	8.7	12.6	11.4	7.4	18.1	12.9
2004									
0–12 months following screening									
<i>First screening round</i>									
40–49 years	9.9	12.5	3.8	3.7	11.7	5.1	–	–	7.6
50–59 years	7.0	7.4	5.8	6.4	6.4	–	–	–	6.6
60–69 years	7.4	5.6	7.5	–	–	–	–	–	5.9
70 + years	–	–	17.4	39.2	–	142.9	–	–	9.1
40+ years ASR	7.0	6.9	7.0	6.5	4.4	12.3	–	–	6.7
50–69 years ASR	7.2	6.6	6.5	3.5	3.6	–	–	–	6.3
<i>Subsequent screening round</i>									
40–49 years	7.8	12.7	5.7	11.4	10.7	11.8	–	–	7.8
50–59 years	6.4	6.0	7.0	5.7	6.0	7.3	–	6.0	6.2
60–69 years	5.0	6.8	5.6	5.7	5.1	11.2	–	–	5.8
70 + years	5.7	4.7	5.0	9.6	3.8	–	–	–	5.1
40+ years ASR	6.0	7.1	6.2	6.8	6.2	8.7	–	2.6	6.2
50–69 years ASR	5.8	6.3	6.4	5.7	5.6	9.1	–	3.4	6.0
13–24 months following screening									
<i>First screening round</i>									
40–49 years	7.9	16.7	15.6	6.4	12.5	16.6	–	–	12.5

Table 12A.19

Table 12A.19 Interval cancer rate for women, by age, per 10 000 women years at risk (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
50–59 years	8.7	15.3	11.8	12.4	19.8	9.4	–	–	12.6
60–69 years	6.0	11.2	18.9	22.5	–	–	–	–	10.7
70 + years	21.2	–	17.7	–	–	–	–	–	13.1
40+ years ASR	8.7	12.8	15.3	14.1	10.3	6.4	–	–	12.0
50–69 years ASR	7.5	13.5	15.0	16.9	11.0	5.2	–	–	11.8
<i>Subsequent screening round</i>									
40–49 years	11.0	12.7	12.3	7.7	16.7	9.0	–	–	11.6
50–59 years	13.1	12.8	12.6	14.7	13.4	18.7	5.0	6.9	13.1
60–69 years	12.7	15.7	12.9	11.7	9.6	15.8	7.4	14.9	13.2
70 + years	9.9	11.2	12.6	12.9	7.6	12.7	–	–	10.8
40+ years ASR	12.4	13.7	12.7	12.6	12.1	15.9	4.7	8.2	12.8
50–69 years ASR	12.9	14.1	12.8	13.4	11.7	17.4	6.1	10.5	13.2
2005									
<i>0–12 months following screening</i>									
<i>First screening round</i>									
40–49 years	7.5	11.2	5.0	2.9	6.6	7.2	–	–	6.6
50–59 years	7.2	6.0	8.6	4.9	–	–	10.4	–	6.2
60–69 years	5.2	6.0	8.7	–	–	26.3	–	–	6.2
70 + years	–	–	12.5	41.5	–	–	–	–	7.7
40+ years ASR	6.0	6.2	8.5	5.9	0.9	10.1	4.5	–	6.4
50–69 years ASR	6.3	6.0	8.6	2.8	–	11.7	5.8	–	6.2
<i>Subsequent screening round</i>									
40–49 years	8.8	9.9	9.7	9.4	3.6	5.3	–	–	8.5
50–59 years	6.8	7.0	6.8	8.7	4.8	10.8	3.7	5.6	6.9
60–69 years	6.4	7.8	8.8	6.3	8.5	7.4	7.7	–	7.4
70 + years	6.4	5.5	7.2	6.9	3.6	7.6	–	–	6.1
40+ years ASR	6.9	7.5	7.9	7.8	5.8	8.6	4.3	2.4	7.2
50–69 years ASR	6.6	7.4	7.7	7.6	6.4	9.3	5.5	3.1	7.1
<i>13–24 months following screening</i>									
<i>First screening round</i>									
40–49 years	12.4	12.9	13.7	12.6	18.8	11.4	–	28.4	13.6
50–59 years	8.7	14.7	13.9	16.1	–	7.4	11.0	–	11.3
60–69 years	20.2	48.0	5.9	48.0	–	–	–	–	20.2
70 + years	–	17.4	–	49.5	–	–	–	–	8.1
40+ years ASR	12.5	26.2	10.0	29.4	2.6	4.8	4.8	3.9	14.4
50–69 years ASR	13.8	29.4	10.4	30.2	–	4.1	6.1	–	15.3
<i>Subsequent screening round</i>									
40–49 years	16.5	19.7	15.8	5.0	8.4	4.2	–	21.1	14.0
50–59 years	12.3	11.7	15.2	9.6	11.2	11.8	8.2	12.0	12.3
60–69 years	12.3	12.2	12.6	12.7	14.5	13.1	8.6	–	12.5
70 + years	18.3	11.1	13.9	8.4	21.8	12.5	22.3	–	13.7
40+ years ASR	13.3	12.9	14.3	10.0	12.8	11.3	8.3	8.1	12.7

Table 12A.19

Table 12A.19 Interval cancer rate for women, by age, per 10 000 women years at risk (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
50–69 years ASR	12.3	11.9	14.0	11.0	12.7	12.4	8.4	6.7	12.4
2006									
0–12 months following screening									
<i>First screening round</i>									
40–49 years	8.5	–	4.9	6.8	13.5	8.4	–	–	5.7
50–59 years	5.3	8.4	4.3	1.6	17.9	8.2	–	–	6.2
60–69 years	3.2	–	–	–	–	–	–	–	1.5
70 + years	10.5	15.3	14.6	–	–	–	–	–	11.0
40+ years ASR	5.4	4.9	3.7	1.6	9.6	4.7	–	–	4.9
50–69 years ASR	4.4	4.7	2.4	0.9	10.0	4.5	–	–	4.2
<i>Subsequent screening round</i>									
40–49 years	14.6	8.8	6.3	5.3	2.1	–	19.2	–	7.4
50–59 years	7.1	6.2	6.6	5.2	3.0	16.1	6.2	–	6.4
60–69 years	7.4	8.5	7.2	4.1	8.5	4.4	5.7	11.5	7.3
70 + years	7.6	6.9	7.5	6.3	7.3	7.1	–	–	7.1
40+ years ASR	8.3	7.4	6.9	4.9	5.1	9.1	7.3	4.0	6.9
50–69 years ASR	7.3	7.2	6.9	4.7	5.4	10.9	6.0	5.1	6.8
13–24 months following screening (f)									
<i>First screening round</i>									
40–49 years	na	15.1	na	16.4	8.7	na	–	–	na
50–59 years	na	13.4	na	10.1	3.1	na	–	–	na
60–69 years	na	18.1	na	11.5	–	na	–	–	na
70 + years	na	15.3	na	–	–	na	–	–	na
40+ years ASR	na	15.4	na	10.6	2.5	na	–	–	na
50–69 years ASR	na	15.5	na	10.7	1.7	na	–	–	na
<i>Subsequent screening round</i>									
40–49 years	na	14.1	na	4.5	12.2	na	26.1	–	na
50–59 years	na	12.6	na	6.6	13.4	na	–	6.3	na
60–69 years	na	11.6	na	13.5	13.6	na	6.7	–	na
70 + years	na	11.6	na	7.1	12.8	na	–	–	na
40+ years ASR	na	12.4	na	8.8	13.3	na	5.9	2.8	na
50–69 years ASR	na	12.1	na	9.7	13.5	na	3.0	3.5	na

ASR=Age standardised rate.

- (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 years at risk. Rates for 40+ and 50–69 years are age standardised to the Australian population of women attending a BreastScreen Australia service in 2008.

Table 12A.19 Interval cancer rate for women, by age, per 10 000 women years at risk (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>Aust</i>
(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.									
(e) 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.									
(f) Data for the 2006 reference year in the category '13–24 months following screening' requires access to cancer registry data for 2008. These were not available for some jurisdictions, including Queensland, in time for inclusion in the 2011 Report.									

na Not available. – Nil or rounded to zero.

Source: State and Territory governments unpublished.

Table 12A.20

**Table 12A.20 Invasive breast cancer detection rate, five year averages
(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>
2001–2005									
Invasive cancers									
<i>First round</i>									
40–44 years	20.3	20.4	22.9	19.2	21.7	27.0	–	28.7	21.4
45–49 years	36.8	38.4	48.3	36.6	28.5	26.5	39.4	36.6	39.0
50–54 years	47.8	43.8	50.4	61.1	53.5	48.6	57.4	36.6	49.1
55–59 years	60.0	83.0	74.2	59.1	98.1	71.4	71.2	62.4	69.6
60–64 years	75.5	89.1	101.7	103.5	111.6	143.0	106.6	101.7	89.8
65–69 years	89.4	107.5	82.0	82.9	167.6	138.2	140.4	63.3	95.0
70–74 years	97.2	145.9	155.0	168.9	166.7	–	172.4	166.7	127.1
75–79 years	156.8	205.2	215.2	334.4	159.1	152.3	131.6	–	190.6
80–84 years	182.9	238.4	164.8	282.3	183.5	169.5	370.4	–	197.5
85 + years	182.6	277.8	251.0	125.0	344.8	–	–	–	217.0
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	65.5	79.2	78.7	80.6	97.1	82.6	87.4	64.9	74.2
50–69 years ASR	66.1	78.2	76.0	75.5	102.2	95.9	89.4	65.4	73.9
<i>Subsequent round</i>									
40–44 years	9.7	10.3	16.5	10.8	25.5	23.4	70.4	–	14.5
45–49 years	18.9	22.3	24.5	19.4	21.8	22.6	31.0	21.6	21.6
50–54 years	29.0	27.0	31.3	34.3	33.0	31.2	25.1	37.1	30.0
55–59 years	41.7	37.0	41.9	43.7	41.3	43.0	40.8	35.0	40.7
60–64 years	51.8	43.8	51.9	49.2	53.0	54.4	44.4	55.7	49.6
65–69 years	54.8	49.6	57.2	59.5	63.3	59.8	74.8	55.6	55.6
70–74 years	58.3	53.9	58.3	66.3	67.8	71.9	75.7	16.4	58.1
75–79 years	63.3	69.5	73.0	100.0	97.5	88.8	139.4	83.0	70.4
80–84 years	70.9	122.2	113.4	105.3	98.9	24.1	–	–	83.9
85 + years	60.7	82.0	84.3	166.7	241.9	612.2	909.1	625.0	83.4
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	40.8	37.5	43.0	44.1	45.7	45.5	48.4	40.1	41.2
50–69 years ASR	43.2	38.3	44.4	45.5	46.1	45.8	43.7	44.7	42.8
DCIS									
<i>First round</i>									
40–44 years	4.5	9.8	4.6	13.3	10.8	9.6	15.6	–	6.6
45–49 years	10.5	13.4	10.3	12.2	9.8	14.5	13.1	18.3	11.4
50–54 years	13.5	15.4	16.4	20.5	14.7	10.8	15.9	24.4	15.6
55–59 years	11.9	14.3	15.3	27.9	14.9	11.0	20.3	–	14.6
60–64 years	18.8	32.7	14.8	54.5	23.5	38.1	–	–	23.7
65–69 years	20.3	25.7	19.1	39.3	9.3	–	–	–	21.5
70–74 years	20.7	16.2	25.8	48.3	–	–	–	–	21.3
75–79 years	35.4	22.8	22.4	50.2	22.7	–	–	–	29.1

Table 12A.20

Table 12A.20 **Invasive breast cancer detection rate, five year averages**
(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>
80–84 years	12.2	26.5	25.3	80.6	45.9	–	–	–	24.0
85 + years	–	46.3	41.8	125.0	172.4	–	–	–	37.7
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	15.3	20.0	15.8	33.1	14.8	14.1	9.8	6.9	17.7
50–69 years ASR	15.7	21.5	16.2	34.8	16.0	15.8	10.1	6.8	18.5
<i>Subsequent round</i>									
40–44 years	4.2	6.2	4.4	4.1	8.0	–	10.1	–	5.0
45–49 years	6.9	7.2	6.3	8.3	5.0	6.6	9.7	4.3	6.5
50–54 years	8.1	9.5	7.9	11.1	8.6	11.4	7.5	4.6	8.6
55–59 years	8.8	9.0	10.1	13.6	10.0	12.2	15.9	18.7	10.5
60–64 years	10.5	11.2	12.5	16.2	9.0	9.3	12.7	14.8	12.4
65–69 years	9.9	10.1	12.8	17.4	12.2	13.7	19.1	13.9	12.9
70–74 years	12.1	11.7	11.8	20.6	16.8	16.2	12.6	–	12.4
75–79 years	12.6	13.7	14.3	30.2	16.5	23.7	17.4	–	12.9
80–84 years	14.5	8.5	10.8	15.0	11.0	48.2	–	–	11.8
85 + years	6.1	–	15.3	–	40.3	–	–	–	6.7
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	9.0	9.6	10.1	13.9	9.8	11.2	12.8	10.5	10.4
50–69 years ASR	9.2	9.9	10.6	14.3	9.8	11.5	13.3	12.9	10.9
2002–2006									
Invasive cancers									
<i>First round</i>									
40–44 years	20.4	19.1	24.0	17.2	17.1	31.5	–	47.0	21.5
45–49 years	37.2	40.0	47.4	36.5	27.8	42.0	61.3	61.9	40.0
50–54 years	45.3	43.6	50.0	63.0	56.9	55.0	49.3	29.8	48.6
55–59 years	58.8	82.2	76.9	65.0	92.4	61.5	92.1	59.3	69.3
60–64 years	78.6	87.6	102.0	112.0	130.0	112.5	37.7	101.7	90.7
65–69 years	91.4	121.4	70.6	100.8	190.2	77.5	206.9	139.9	96.2
70–74 years	98.3	119.8	168.1	86.0	212.8	49.3	206.2	200.0	123.5
75–79 years	134.1	181.4	191.5	400.0	161.3	131.6	178.6	–	176.5
80–84 years	219.4	229.1	130.8	396.5	176.5	169.5	–	–	208.6
85 + years	248.4	261.4	319.6	151.5	487.8	–	–	–	266.7
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	65.5	78.8	77.8	83.9	106.0	70.6	88.8	79.0	74.1
50–69 years ASR	66.2	80.2	74.6	83.2	110.5	75.7	87.8	77.0	74.1
<i>Subsequent round</i>									
40–44 years	9.1	10.4	16.2	17.4	26.7	25.9	88.5	16.9	15.3
45–49 years	21.4	25.0	25.8	23.7	20.6	18.9	39.2	22.8	23.7
50–54 years	29.3	25.7	30.4	32.7	32.4	31.4	22.4	35.3	29.3
55–59 years	40.3	38.5	41.1	40.6	41.4	40.9	38.2	36.0	40.1

Table 12A.20

**Table 12A.20 Invasive breast cancer detection rate, five year averages
(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>
60–64 years	52.8	44.7	51.9	50.5	53.4	51.6	48.1	52.7	50.3
65–69 years	54.9	50.6	59.0	59.8	67.2	63.4	72.3	52.8	56.7
70–74 years	59.5	54.8	58.2	67.2	61.6	55.8	50.7	19.4	57.8
75–79 years	66.3	71.7	77.9	80.1	80.8	88.3	162.3	142.2	72.2
80–84 years	70.4	116.1	126.3	83.7	96.0	–	107.0	–	84.9
85 + years	66.9	80.3	60.7	140.4	142.9	491.8	952.4	666.7	81.9
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	41.1	38.2	43.1	43.6	45.4	43.7	48.9	41.3	41.5
50–69 years ASR	43.2	38.8	44.2	44.5	46.8	45.2	42.7	43.2	42.8
DCIS									
<i>First round</i>									
40–44 years	4.6	10.4	5.3	13.6	9.1	12.2	–	–	7.1
45–49 years	10.0	13.2	12.0	12.8	5.1	11.0	–	41.3	11.4
50–54 years	14.9	14.2	15.8	21.3	16.9	13.1	13.7	23.8	15.7
55–59 years	11.9	11.5	14.5	24.4	16.5	15.4	16.7	–	13.7
60–64 years	22.4	27.2	13.7	53.1	39.0	28.1	–	–	23.8
65–69 years	24.4	24.3	13.2	33.6	–	–	–	–	20.7
70–74 years	22.1	13.3	24.0	28.7	–	–	–	–	19.9
75–79 years	30.9	27.9	21.3	42.1	32.3	–	–	–	27.6
80–84 years	16.9	32.7	14.5	88.1	58.8	–	–	–	26.9
85 + years	–	65.4	45.7	151.5	243.9	–	–	–	48.5
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	16.9	17.8	14.5	30.3	17.2	13.4	6.6	8.8	17.4
50–69 years ASR	17.8	18.6	14.4	32.6	19.3	15.1	8.5	6.6	18.2
<i>Subsequent round</i>									
40–44 years	5.6	12.5	4.8	5.4	6.7	–	–	–	5.4
45–49 years	7.3	5.9	6.0	7.6	4.7	5.7	6.9	4.6	6.4
50–54 years	7.6	9.6	7.6	10.7	7.7	13.6	6.3	7.1	8.5
55–59 years	8.7	8.8	10.1	13.7	9.4	12.6	13.7	15.8	9.8
60–64 years	10.2	11.0	11.9	14.9	9.2	7.3	12.0	10.5	11.1
65–69 years	10.5	10.1	15.0	15.9	10.5	13.4	15.6	13.2	11.9
70–74 years	11.7	11.9	12.1	23.1	13.3	18.3	16.9	19.4	12.7
75–79 years	13.8	13.9	12.2	32.4	16.9	22.1	–	–	14.6
80–84 years	15.0	5.4	6.5	6.4	10.1	41.8	–	–	12.2
85 + years	7.4	–	17.3	–	35.7	–	–	–	9.3
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	9.1	9.8	10.1	13.5	9.0	11.3	10.6	10.5	9.8
50–69 years ASR	9.1	9.8	10.8	13.6	9.1	11.7	11.6	11.5	10.2

Table 12A.20

**Table 12A.20 Invasive breast cancer detection rate, five year averages
(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>
2003–2007									
Invasive cancers									
<i>First round</i>									
40–44 years	20.7	19.6	25.6	18.5	17.3	30.1	69.4	51.0	22.5
45–49 years	40.5	41.9	44.0	39.9	31.4	39.5	143.9	52.0	41.2
50–54 years	45.1	43.1	53.2	68.8	52.0	58.4	55.8	28.0	49.2
55–59 years	57.5	91.9	81.1	69.5	74.8	44.4	74.8	92.5	69.9
60–64 years	81.7	97.4	102.4	87.5	96.3	110.5	39.4	62.5	89.6
65–69 years	88.5	124.8	78.4	108.3	171.8	137.4	214.3	186.3	98.0
70–74 years	103.0	108.6	169.1	81.6	233.3	93.5	210.5	–	124.2
75–79 years	115.5	207.7	187.6	454.5	312.5	146.0	277.8	–	187.0
80–84 years	318.5	263.2	159.5	428.6	87.7	357.1	–	–	261.9
85 + years	82.3	406.5	314.1	333.3	555.6	–	–	–	251.5
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	65.9	83.7	80.5	84.0	95.7	79.5	100.7	73.1	75.1
50–69 years ASR	66.0	85.9	78.3	81.2	92.1	82.6	86.6	84.5	74.4
<i>Subsequent round</i>									
40–44 years	7.5	12.3	15.9	20.1	25.3	15.5	120.8	18.0	15.2
45–49 years	24.6	21.5	25.1	26.8	19.0	23.7	34.3	24.2	24.4
50–54 years	28.9	26.9	30.3	31.2	32.3	30.8	24.0	38.3	29.3
55–59 years	39.2	38.1	39.6	39.5	40.9	38.1	32.7	36.4	39.0
60–64 years	51.0	46.3	54.3	50.5	54.8	50.1	51.9	51.1	50.7
65–69 years	53.7	52.6	56.6	60.0	60.2	58.7	71.8	46.3	55.6
70–74 years	62.3	56.7	61.0	71.6	66.4	54.9	58.2	–	60.3
75–79 years	70.1	68.0	81.6	70.4	83.6	86.1	137.8	116.3	73.7
80–84 years	75.4	120.6	124.6	93.2	81.2	18.7	102.6	–	90.6
85 + years	78.0	88.1	65.4	93.2	118.3	142.9	500.0	1 000.0	83.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	40.7	38.8	43.0	43.5	44.5	41.4	49.3	39.8	41.4
50–69 years ASR	42.1	39.8	43.9	43.8	45.7	43.0	42.5	42.6	42.4
DCIS									
<i>First round</i>									
40–44 years	5.2	9.8	5.5	12.3	8.1	11.7	–	–	7.1
45–49 years	9.3	13.5	13.3	17.3	3.1	8.3	–	41.6	11.9
50–54 years	14.7	14.5	15.6	19.6	14.5	10.1	15.2	16.8	15.3
55–59 years	11.4	16.5	16.2	28.1	10.7	19.7	24.9	–	14.9
60–64 years	21.0	31.3	16.4	38.9	27.5	27.6	–	–	22.6
65–69 years	26.0	24.4	11.2	27.1	12.3	–	–	–	21.0
70–74 years	27.0	12.1	20.6	32.6	33.3	–	–	–	22.3
75–79 years	23.1	18.9	12.5	47.8	44.6	–	–	–	21.2

Table 12A.20

**Table 12A.20 Invasive breast cancer detection rate, five year averages
(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>
80–84 years	11.4	43.9	15.9	95.2	–	–	–	–	25.3
85 + years	–	81.3	–	166.7	–	–	–	–	29.6
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	16.8	19.6	14.7	27.7	16.2	13.3	8.7	7.3	17.4
50–69 years ASR	17.5	21.2	15.2	28.3	16.4	15.4	11.2	4.7	18.1
<i>Subsequent round</i>									
40–44 years	5.7	14.3	4.7	8.8	6.7	3.1	–	–	5.9
45–49 years	8.1	5.9	6.7	4.7	5.7	6.6	8.6	4.8	6.7
50–54 years	8.0	10.2	7.7	11.3	7.6	11.9	3.8	7.2	8.8
55–59 years	8.6	9.5	10.6	13.9	9.1	12.1	11.1	19.3	10.0
60–64 years	10.4	11.5	11.9	17.5	9.9	8.7	13.0	9.6	11.6
65–69 years	11.2	10.6	15.7	13.4	12.2	11.2	12.0	17.4	12.2
70–74 years	13.4	13.3	13.5	21.1	10.2	15.4	21.2	23.8	13.7
75–79 years	14.7	18.3	14.5	33.6	16.5	10.1	–	–	16.6
80–84 years	16.8	7.5	12.5	5.8	13.5	37.5	–	–	14.1
85 + years	13.0	–	8.2	–	29.6	–	–	–	10.5
Not stated	–	na	–	–	–	–	–	–	na
40 + years ASR	9.4	10.5	10.6	13.6	9.2	10.6	9.5	12.0	10.3
50–69 years ASR	9.4	10.4	11.1	14.0	9.5	11.0	9.7	13.1	10.5
2004–2008									
Invasive cancers									
<i>First round</i>									
40–44 years	20.0	19.6	26.8	22.3	18.6	31.9	20.7	60.0	23.5
45–49 years	40.3	41.5	43.6	45.7	27.4	42.4	83.0	43.7	41.5
50–54 years	45.9	44.2	60.3	63.0	48.7	57.0	63.7	31.4	50.1
55–59 years	58.9	93.0	81.8	72.8	63.5	33.8	72.2	83.0	69.6
60–64 years	80.7	87.6	101.1	91.2	125.4	107.3	77.8	27.3	87.9
65–69 years	80.7	138.6	88.7	95.8	177.4	163.7	181.8	232.6	96.4
70–74 years	97.2	121.6	159.9	139.9	273.0	96.6	109.9	–	124.6
75–79 years	141.7	145.7	177.6	385.7	386.7	78.7	400.0	–	178.6
80–84 years	325.8	287.2	176.7	229.9	128.2	222.2	–	–	252.8
85 + years	–	412.4	327.9	339.0	666.7	–	–	–	239.3
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	65.1	83.9	82.9	83.8	102.8	78.5	93.9	71.3	74.5
50–69 years ASR	64.9	86.6	82.1	79.1	96.6	83.4	91.8	82.5	73.9
<i>Subsequent round</i>									
40–44 years	8.6	9.9	16.5	22.7	25.9	20.0	68.0	21.0	16.2
45–49 years	26.0	23.4	25.8	26.7	19.4	26.8	42.3	21.3	25.4
50–54 years	30.0	28.6	31.9	29.9	32.0	28.9	28.3	39.6	30.3
55–59 years	38.6	40.4	39.2	39.3	37.0	32.7	37.0	35.9	38.9

Table 12A.20

Table 12A.20 **Invasive breast cancer detection rate, five year averages
(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>
60–64 years	49.9	48.8	53.9	50.8	56.0	52.2	57.5	48.1	51.2
65–69 years	55.3	55.9	59.7	64.0	61.9	60.9	66.9	55.8	58.1
70–74 years	72.1	60.5	61.0	79.2	71.1	50.3	64.6	33.3	64.2
75–79 years	73.7	73.5	80.8	87.3	94.7	93.8	114.9	243.9	79.2
80–84 years	78.3	89.9	102.7	108.2	64.7	35.5	103.1	–	85.5
85 + years	91.5	78.2	68.3	104.2	74.6	129.9	–	1 250.0	84.8
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	41.7	40.9	43.6	44.8	44.5	41.0	49.0	45.3	42.5
50–69 years ASR	42.2	42.2	44.8	44.3	45.2	41.9	45.4	43.8	43.3
DCIS									
<i>First round</i>									
40–44 years	5.1	9.4	6.8	12.9	8.3	11.2	–	–	7.7
45–49 years	10.2	14.8	12.1	18.3	1.1	12.1	13.8	43.7	12.4
50–54 years	13.8	14.1	16.1	19.6	16.4	14.9	14.2	21.0	15.2
55–59 years	12.8	14.8	17.1	31.6	24.7	19.3	32.1	–	16.2
60–64 years	18.1	29.7	18.6	32.6	33.0	26.8	19.5	27.3	21.3
65–69 years	19.7	24.5	8.4	22.5	12.7	–	–	–	17.3
70–74 years	22.4	20.3	23.5	35.0	34.1	–	–	–	22.7
75–79 years	15.7	22.4	7.4	27.5	55.2	–	–	–	16.4
80–84 years	14.2	78.3	17.7	114.9	–	–	–	–	35.4
85 + years	–	103.1	–	169.5	–	–	–	–	34.2
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	15.1	19.7	15.1	26.5	20.9	14.4	15.2	13.8	16.9
50–69 years ASR	15.7	20.2	15.6	26.8	22.3	16.4	17.9	12.8	17.4
<i>Subsequent round</i>									
40–44 years	7.1	15.8	5.0	7.6	6.9	8.6	–	–	6.6
45–49 years	8.5	7.5	7.5	5.5	6.2	3.6	7.7	–	7.1
50–54 years	8.3	10.7	8.0	11.3	7.4	11.5	3.0	9.9	9.0
55–59 years	8.7	9.9	9.8	12.4	9.7	11.0	8.2	21.1	9.8
60–64 years	11.0	12.2	12.0	17.6	9.7	11.8	11.5	12.0	12.1
65–69 years	11.5	12.3	15.8	14.7	12.1	9.6	10.3	27.9	12.9
70–74 years	12.2	13.5	15.0	20.0	8.1	13.6	14.9	33.3	13.8
75–79 years	15.0	18.4	12.1	27.6	16.0	9.9	–	–	16.0
80–84 years	18.8	7.1	17.8	15.5	12.1	35.5	–	–	15.8
85 + years	16.1	–	7.6	–	24.9	–	–	–	10.3
Not stated	–	–	–	–	–	–	–	–	–
40 + years ASR	9.8	11.3	10.6	13.4	9.2	10.5	7.8	15.1	10.5
50–69 years ASR	9.7	11.2	11.0	13.8	9.5	11.1	8.0	17.0	10.7

Table 12A.20

Table 12A.20 **Invasive breast cancer detection rate, five year averages
(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>
2005–2009									
Invasive cancers									
<i>First round</i>									
40–44 years	20.5	20.2	27.5	23.2	19.5	23.8	21.1	69.3	23.8
45–49 years	41.2	38.0	47.2	46.6	31.6	46.3	46.0	32.4	42.3
50–54 years	46.3	45.7	59.7	62.0	45.5	61.2	55.2	23.4	50.1
55–59 years	60.8	86.9	74.2	81.6	65.3	32.7	77.8	97.8	68.9
60–64 years	79.1	100.1	102.3	90.3	113.8	105.1	89.8	52.6	88.2
65–69 years	82.1	114.7	104.6	118.0	177.0	163.9	185.2	246.3	98.1
70–74 years	106.2	142.0	161.4	146.5	288.8	235.8	208.3	–	136.2
75–79 years	175.0	125.3	151.5	368.1	375.0	–	740.7	–	180.5
80–84 years	368.7	303.0	207.5	270.3	–	277.8	–	–	282.9
85 + years	103.6	465.1	613.5	169.5	370.4	–	–	–	331.5
Not stated	na	–	–	–	–	–	–	–	na
40 + years ASR	67.2	82.5	84.1	88.7	100.2	85.1	105.0	79.3	75.7
50–69 years ASR	65.5	84.0	83.0	85.2	93.2	83.8	94.7	93.4	74.1
<i>Subsequent round</i>									
40–44 years	7.3	7.9	16.2	24.3	19.4	20.8	–	23.5	16.1
45–49 years	27.7	25.1	27.7	26.6	22.3	28.4	31.6	27.1	26.9
50–54 years	29.3	28.3	33.6	27.9	30.7	26.6	27.9	43.6	30.0
55–59 years	37.1	39.8	41.4	37.3	36.5	29.0	38.9	38.6	38.4
60–64 years	49.9	50.4	56.0	53.2	56.3	54.8	63.2	51.9	52.5
65–69 years	57.1	58.8	63.3	64.7	64.3	66.9	72.8	38.6	60.6
70–74 years	76.3	64.9	62.1	88.0	74.0	43.8	70.5	120.5	67.2
75–79 years	78.6	76.0	85.8	87.1	91.4	92.4	90.3	210.5	82.6
80–84 years	100.3	67.7	119.2	115.8	60.1	51.2	97.1	–	93.2
85 + years	115.2	85.1	75.1	71.4	63.4	109.9	344.8	–	87.4
Not stated	na	–	–	–	–	–	–	–	na
40 + years ASR	42.0	41.6	45.8	45.1	44.5	41.0	47.2	48.2	43.4
50–69 years ASR	42.0	42.9	47.1	43.9	45.2	42.0	48.4	43.4	43.9
DCIS									
<i>First round</i>									
40–44 years	5.5	10.1	7.7	13.3	6.2	4.8	10.5	–	7.9
45–49 years	10.1	15.4	12.8	21.1	4.2	14.1	15.3	43.1	13.3
50–54 years	14.5	15.0	16.3	17.0	16.4	14.7	19.1	9.3	15.4
55–59 years	14.1	21.7	17.3	29.3	20.6	9.4	31.1	10.9	17.3
60–64 years	18.0	28.6	17.7	35.5	31.6	26.3	18.0	26.3	20.9
65–69 years	20.2	16.4	8.9	11.2	12.6	–	–	–	16.3
70–74 years	29.0	29.9	21.5	36.6	36.1	–	–	–	27.0
75–79 years	21.9	27.9	8.9	30.7	–	–	–	–	18.5

Table 12A.20

**Table 12A.20 Invasive breast cancer detection rate, five year averages
(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>
80–84 years	14.7	101.0	20.7	–	–	–	–	–	28.9
85 + years	–	–	–	–	–	–	–	–	–
Not stated	na	–	–	–	–	–	–	–	na
40 + years ASR	16.0	20.7	15.1	23.9	18.9	12.0	16.4	13.4	17.3
50–69 years ASR	16.3	20.6	15.6	24.1	20.8	13.4	18.6	12.4	17.5
<i>Subsequent round</i>									
40–44 years	6.1	15.9	4.9	13.4	3.5	7.8	–	–	6.7
45–49 years	8.6	8.8	7.3	7.1	7.6	4.2	5.3	–	7.4
50–54 years	8.3	10.8	8.8	10.8	7.9	9.0	4.1	9.7	9.1
55–59 years	9.3	10.0	10.1	13.5	9.9	9.9	8.6	18.3	10.2
60–64 years	10.4	12.2	11.5	18.2	9.4	8.5	11.2	13.7	11.7
65–69 years	11.9	13.9	15.9	15.5	14.2	8.5	10.6	24.1	13.7
70–74 years	14.2	14.1	17.2	19.8	8.5	13.0	13.2	40.2	15.1
75–79 years	17.5	20.7	13.6	30.4	16.9	9.7	25.8	–	18.1
80–84 years	18.2	9.0	20.2	14.5	7.5	17.1	–	–	14.8
85 + years	19.2	–	27.3	–	21.1	–	–	–	9.2
Not stated	na	–	–	–	–	–	–	–	na
40 + years ASR	10.0	11.8	11.0	14.3	9.5	8.8	8.2	14.6	10.8
50–69 years ASR	9.8	11.5	11.2	14.4	10.0	9.1	8.4	15.8	11.0

ASR = Age standardised rate. **DCIS** = *Ductal carcinoma in situ*.

(a) Data are for women attending the BreastScreen Australia Program

(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 2008.

(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 2009, *Population by Age and Sex, Australian States and Territories, June 2009*, Cat. no. 3201.0, Canberra.

Table 12A.21

Table 12A.21 **Rate of detection of small diameter (15mm or less) invasive cancers, all rounds of screening (a), (b), (c), (d)**

	<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									
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
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	–	–	–	–	–	–	–	–	–
40+ years ASR	26.9	26.3	28.7	29.7	28.7	27.6	28.6	26.7	27.6
50–69 years ASR	27.3	26.8	28.9	29.2	29.4	30.2	27.4	34.2	28.0
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	–	–	–	–	–	–	–	–	–
40+ years ASR	26.7	27.6	29.9	27.8	29.7	29.5	26.5	33.1	28.0
50–69 years ASR	26.9	27.0	30.7	28.5	33.2	28.6	27.6	23.8	28.4
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	19.8	12.9	13.4	20.3	13.0	12.6	65.0	17.2	15.8
50–54 years	18.7	17.5	20.7	22.3	23.6	14.1	10.0	31.3	19.5
55–59 years	25.1	26.4	25.0	26.9	26.2	20.8	20.6	16.7	25.4
60–64 years	30.7	31.8	33.5	26.7	33.8	34.1	26.0	25.5	31.4
65–69 years	37.2	38.7	32.3	42.6	39.6	41.8	54.4	20.3	37.7
70–74 years	37.5	47.0	45.1	56.7	56.4	47.6	24.5	–	46.0
75–79 years	55.4	27.7	52.6	35.3	70.7	20.8	–	–	43.6

Table 12A.21

Table 12A.21 **Rate of detection of small diameter (15mm or less) invasive cancers, all rounds of screening (a), (b), (c), (d)**

	<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>
80–84 years	77.9	82.9	53.7	–	17.8	147.1	–	–	58.9
85 + years	80.3	56.5	–	238.1	–	–	–	na	55.2
Not stated	–	–	–	–	–	–	–	–	–
40+ years ASR	26.8	26.7	26.9	28.5	29.6	25.7	26.9	na	27.1
50–69 years ASR	27.0	27.6	27.3	28.5	29.9	26.3	25.4	23.7	27.6
2008									
Rate per 10 000 women screened									
40–44 years	10.4	7.9	15.5	9.3	16.8	14.5	–	69.9	13.2
45–49 years	12.1	11.5	14.3	23.3	21.3	22.8	14.7	–	15.4
50–54 years	22.8	24.2	25.2	21.1	24.1	13.4	38.7	25.6	23.6
55–59 years	25.7	28.1	27.2	30.7	15.1	16.2	27.2	17.2	25.9
60–64 years	33.6	33.9	33.3	38.5	44.3	47.2	32.4	–	35.3
65–69 years	43.7	40.7	48.7	42.2	54.3	44.5	37.4	23.2	44.7
70–74 years	66.4	38.1	32.6	86.1	50.7	10.0	49.0	175.4	45.7
75–79 years	42.5	64.5	52.4	78.7	93.2	48.8	–	500.0	59.9
80–84 years	69.2	31.4	47.7	41.2	65.4	87.0	–	–	51.8
85 + years	41.8	51.5	57.5	93.5	–	–	–	–	48.5
Not stated	–	–	–	–	–	–	–	–	–
40+ years ASR	30.2	29.1	30.4	34.3	33.0	27.1	30.3	35.6	30.4
50–69 years ASR	30.3	30.9	32.2	32.2	32.4	28.7	33.6	16.3	31.2
2009									
Rate per 10 000 women screened									
40–44 years	10.7	4.2	13.6	15.0	3.5	9.8	–	62.9	11.3
45–49 years	20.6	16.1	19.2	15.7	22.8	19.1	–	18.6	18.8
50–54 years	20.0	18.8	25.6	18.7	20.5	24.0	3.4	21.1	20.7
55–59 years	23.1	23.6	26.5	23.6	27.1	20.2	32.5	39.3	24.5
60–64 years	35.1	32.1	42.4	37.3	34.5	43.6	58.3	32.3	36.6
65–69 years	45.7	41.0	54.9	32.7	52.6	57.2	74.1	16.8	46.4
70–74 years	53.2	54.9	48.4	75.3	76.0	50.0	99.5	131.6	55.8
75–79 years	81.8	46.6	52.4	49.8	60.7	107.8	147.1	–	61.1
80–84 years	66.7	21.4	93.9	120.7	33.2	87.0	–	–	66.8
85 + years	na	–	123.8	–	–	–	909.1	–	52.4
Not stated	na	–	–	–	–	–	–	–	–
40+ years ASR	na	27.3	34.6	29.3	32.7	34.2	39.8	34.0	30.8
50–69 years ASR	29.5	27.7	35.7	27.4	31.9	34.2	38.8	28.2	30.6

ASR = Age standardised rate

- (a) Data are for women attending the BreastScreen Australia Program.
- (b) Small diameter cancers are defined as invasive cancers up to and including 15mm in diameter.
- (c) 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 2008.

Table 12A.21 Rate of detection of small diameter (15mm or less) invasive cancers, all rounds of screening (a), (b), (c), (d)

	<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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(d) 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 2009, *Population by Age and Sex, Australian States and Territories, June 2008*, Cat. no. 3201.0, Canberra.

Table 12A.22

Table 12A.22 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	98	31	17	5	1 111
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	272	85	43	16	2 948
All rounds									
10mm or less	349	316	301	143	111	33	22	6	1 281
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	318	108	54	19	3 623
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	2	1	–	–	26
All cancers	915	753	783	323	288	81	45	13	3 201
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	2	1	–	–	33
All cancers	1 109	909	937	385	321	104	55	18	3 838

Table 12A.22

Table 12A.22 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	67	33	39	17	10	5	1	1	173
11mm to 15mm	76	29	32	26	9	2	4	4	182
More than 15mm	118	72	89	37	13	10	7	5	351
Unknown size	1	2	–	–	1	–	–	–	4
All cancers	262	136	160	80	33	17	12	10	710
Subsequent round									
10mm or less	306	261	260	110	107	30	16	2	1 092
11mm to 15mm	222	232	190	71	76	24	11	3	829
More than 15mm	309	276	300	112	88	25	18	6	1 134
Unknown size	5	12	–	3	3	–	–	–	23
All cancers	842	781	750	296	274	79	45	11	3 078
All rounds									
10mm or less	373	294	299	127	117	35	17	3	1 265
11mm to 15mm	298	261	222	97	85	26	15	7	1 011
More than 15mm	427	348	389	149	101	35	25	11	1 485
Unknown size	6	14	–	3	4	–	–	–	27
All cancers	1 104	917	910	376	307	96	57	21	3 788
2008									
First round									
10mm or less	117	38	49	20	15	7	2	2	250
11mm to 15mm	82	32	49	24	12	1	3	–	203
More than 15mm	143	61	95	42	23	11	9	2	386
Unknown size	8	6	–	1	–	–	–	–	15
All cancers	350	137	193	87	50	19	14	4	854
Subsequent round									
10mm or less	314	261	313	136	120	33	15	5	1 197
11mm to 15mm	253	226	214	109	104	27	15	2	950
More than 15mm	336	316	315	128	98	31	19	9	1 252
Unknown size	13	14	–	4	2	–	–	–	33
All cancers	916	817	842	377	324	91	49	16	3 432
All rounds									
10mm or less	431	299	362	156	135	40	17	7	1 447
11mm to 15mm	335	258	263	133	116	28	18	2	1 153
More than 15mm	479	377	410	170	121	42	28	11	1 638
Unknown size	21	20	–	5	2	–	–	–	48
All cancers	1 266	954	1 035	464	374	110	63	20	4 286

Table 12A.22

Table 12A.22 **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>
2009									
First round									
10mm or less	97	27	49	20	13	9	1	5	221
11mm to 15mm	74	31	46	17	6	4	4	1	183
More than 15mm	149	69	80	49	21	4	6	4	382
Unknown size	4	5	1	–	2	–	–	–	12
All cancers	324	132	176	86	42	17	11	10	798
Subsequent round									
10mm or less	375	267	384	120	132	44	23	7	1 352
11mm to 15mm	257	216	260	100	90	30	27	2	982
More than 15mm	352	277	347	134	75	34	27	9	1 255
Unknown size	11	6	13	1	–	1	–	1	33
All cancers	995	766	1 004	355	297	109	77	19	3 622
All rounds									
10mm or less	472	294	433	140	145	53	24	12	1 573
11mm to 15mm	331	247	306	117	96	34	31	3	1 165
More than 15mm	501	346	427	183	96	38	33	13	1 637
Unknown size	15	11	14	1	2	1	–	1	45
All cancers	1 319	898	1 180	441	339	126	88	29	4 420

(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.

Mental health

Table 12A.23

Table 12A.23 Functioning and quality of life measures, by 12-month mental disorder status, 2007 (per cent) (a)

	<i>Any 12-month mental disorder (b)</i>	<i>No 12-month mental disorder</i>	<i>Total</i>
<i>Level of psychological distress (c)</i>			
Low	10.9 ± 1.1	89.1 ± 1.0	100.0
Moderate	32.0 ± 2.6	68.0 ± 2.5	100.0
High	57.1 ± 5.1	42.9 ± 5.1	100.0
Very high	79.6 ± 7.2	20.4 ± 7.1	100.0
<i>Disability status (d)</i>			
Profound/severe	42.9 ± 8.2	57.1 ± 8.2	100.0
Moderate/mild	32.1 ± 5.5	67.9 ± 5.6	100.0
Schooling/employment restriction only	43.4 ± 7.1	56.6 ± 7.1	100.0
No disability/no specific limitations or restrictions	16.6 ± 1.1	83.4 ± 1.1	100.0
<i>Days out of role (e)</i>			
0 days	14.7 ± 1.3	85.3 ± 1.3	100.0
1 to 7 days	28.5 ± 2.5	71.5 ± 2.5	100.0
More than 7 days	42.0 ± 5.2	58.0 ± 5.2	100.0
<i>Suicidal behaviour</i>			
Ideation (f)	71.7 ± 8.7	28.3 ± 8.7	100.0
Plans	77.5 ± 12.6	22.5* ± 12.6	100.0
Attempts	94.2 ± 9.0	5.8** ± 8.9	100.0
No suicidal behaviours	18.7 ± 1.1	81.3 ± 1.1	100.0
<i>Total persons aged 16–85 years</i>	20.0 ± 1.1	80.0 ± 1.1	100.0

(a) The rates reported in this table include 95 per cent confidence intervals (for example, X per cent ± X per cent). A '*' indicates a relative standard error (RSE) of between 25 per cent and 50 per cent. Estimates with RSEs greater than 25 per cent should be used with caution. A '***' indicates a RSE of greater than 50 per cent. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use.

(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) Level of psychological distress is measured by the Kessler Psychological Distress Scale (K10), from which a score of 10 to 50 is produced. Higher scores indicate a higher level of distress; low scores indicate a low level of distress. Scores are grouped as follows: Low 10–15, Moderate 16–21, High 22–29, and Very high 30–50.

(d) Disability status relates to whether a person has disability, a core-activity limitation (mild, moderate, severe or profound), or a schooling or employment restriction.

(e) Persons who were unable to carry out or had to cut down on their usual activities in the 30 days prior to interview. Total includes 'not stated'.

(f) Suicidal ideation refers to the presence of serious thoughts about committing suicide.

Source: ABS 2008, *National Survey of Mental Health and Wellbeing: Summary of Results, 2007*, Cat. no. 4326.0.

Table 12A.24

Table 12A.24 Level of psychological distress K10, 2007-08 (per cent) (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (c)	Aust
Males									
18-64 years									
Low (10-15)	70.6 ± 3.4	72.4 ± 3.4	70.2 ± 4.2	68.3 ± 3.8	67.9 ± 4.4	75.2 ± 5.3	69.3 ± 3.6	np	70.5 ± 1.7
Moderate (16-21)	19.1 ± 2.7	18.7 ± 3.4	19.9 ± 3.5	22.8 ± 4.0	19.2 ± 2.4	15.7 ± 4.5	20.6 ± 3.2	np	19.6 ± 1.6
High (22-29) & Very high (30-50)	10.3 ± 2.1	8.9 ± 2.3	9.9 ± 2.5	8.9 ± 2.1	12.9 ± 3.5	9.1 ± 2.7	10.1 ± 2.8	np	9.9 ± 1.0
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
65 years or over									
Low (10-15)	77.1 ± 5.2	83.7 ± 4.8	75.2 ± 6.7	82.8 ± 7.0	74.0 ± 6.4	73.1 ± 8.5	74.2 ± 10.8	np	78.7 ± 2.8
Moderate (16-21)	12.6 ± 4.2	9.5 ± 4.1	19.3 ± 6.0	10.7* ± 6.0	16.4 ± 5.9	15.6 ± 6.7	18.5* ± 12.3	np	13.3 ± 2.4
High (22-29) & Very high (30-50)	10.3 ± 4.1	6.8 ± 2.7	5.5* ± 3.1	6.5* ± 4.5	9.6* ± 4.7	11.3* ± 6.8	7.4* ± 6.3	np	8.0 ± 1.8
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
Total									
Low (10-15)	71.7 ± 3.2	74.1 ± 2.8	71.0 ± 3.9	70.4 ± 3.3	69.0 ± 3.5	74.8 ± 4.8	69.8 ± 3.7	63.9 ± 17.1	71.8 ± 1.6
Moderate (16-21)	18.1 ± 2.4	17.3 ± 2.8	19.8 ± 3.2	21.1 ± 3.5	18.7 ± 2.0	15.7 ± 4.1	20.3 ± 3.6	23.9* ± 14.1	18.6 ± 1.4
High (22-29) & Very high (30-50)	10.3 ± 1.9	8.6 ± 1.9	9.2 ± 2.3	8.6 ± 1.8	12.3 ± 3.1	9.5 ± 2.7	9.8 ± 2.7	12.3* ± 12.2	9.6 ± 0.9
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Females									
18-64 years									
Low (10-15)	60.9 ± 3.0	61.4 ± 3.5	58.4 ± 3.9	68.1 ± 3.3	62.1 ± 4.0	65.0 ± 4.8	61.0 ± 3.7	np	61.4 ± 1.5
Moderate (16-21)	23.7 ± 2.9	22.7 ± 2.9	26.6 ± 3.8	19.7 ± 3.2	23.0 ± 3.1	21.3 ± 4.0	27.4 ± 3.5	np	23.6 ± 1.5
High (22-29) & Very high (30-50)	15.4 ± 2.4	15.8 ± 2.4	15.1 ± 2.5	12.2 ± 2.4	14.8 ± 3.1	13.7 ± 4.0	11.6 ± 2.5	np	15.0 ± 1.2
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
65 years and over									
Low (10-15)	65.1 ± 5.1	70.7 ± 7.2	75.1 ± 6.2	75.4 ± 5.6	76.5 ± 5.2	70.4 ± 7.2	67.7 ± 8.4	np	70.5 ± 3.0
Moderate (16-21)	19.5 ± 5.1	18.1 ± 5.6	16.6 ± 5.2	16.5 ± 5.2	15.6 ± 4.3	22.4 ± 6.5	18.3 ± 7.4	np	18.1 ± 2.6

Table 12A.24

Table 12A.24 Level of psychological distress K10, 2007-08 (per cent) (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (c)	Aust
High (22-29) & Very high (30-50)	15.4 ± 3.7	11.2* ± 5.5	8.3 ± 3.8	8.1 ± 3.5	7.8 ± 3.4	7.2* ± 3.9	14.0 ± 6.7	np	11.5 ± 2.0
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
Total									
Low (10-15)	61.7 ± 2.6	63.1 ± 3.3	61.0 ± 3.7	69.3 ± 2.8	65.0 ± 3.5	66.0 ± 3.9	61.9 ± 3.4	59.0 ± 19.6	63.0 ± 1.4
Moderate (16-21)	23.0 ± 2.6	21.9 ± 2.5	25.0 ± 3.4	19.2 ± 2.6	21.6 ± 2.8	21.5 ± 3.6	26.2 ± 3.2	26.6 ± 14.5	22.7 ± 1.4
High (22-29) & Very high (30-50)	15.4 ± 2.2	15.0 ± 2.4	14.0 ± 2.1	11.5 ± 2.2	13.4 ± 2.6	12.4 ± 3.2	11.9 ± 2.4	14.4* ± 9.7	14.4 ± 1.1
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Persons									
18-64 years									
Low (10-15)	65.8 ± 2.2	66.9 ± 2.2	64.2 ± 2.9	68.2 ± 2.8	65.0 ± 3.2	70.0 ± 3.4	65.1 ± 2.6	np	66.0 ± 1.1
Moderate (16-21)	21.4 ± 1.9	20.7 ± 2.1	23.3 ± 2.6	21.3 ± 2.7	21.1 ± 1.9	18.5 ± 2.6	24.0 ± 2.4	np	21.6 ± 1.1
High (22-29) & Very high (30-50)	12.8 ± 1.5	12.4 ± 1.7	12.5 ± 1.9	10.5 ± 1.7	13.8 ± 2.5	11.5 ± 2.2	10.9 ± 2.1	np	12.4 ± 0.8
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
65 years and over									
Low (10-15)	70.7 ± 3.7	76.7 ± 4.6	75.2 ± 4.9	78.9 ± 4.5	75.4 ± 4.0	71.6 ± 5.5	70.7 ± 6.1	np	74.3 ± 2.3
Moderate (16-21)	16.3 ± 3.5	14.1 ± 3.3	17.9 ± 4.2	13.7 ± 4.1	16.0 ± 3.4	19.3 ± 4.4	18.4 ± 6.2	np	15.9 ± 1.9
High (22-29) & Very high (30-50)	13.0 ± 3.0	9.2 ± 3.4	6.9 ± 2.7	7.3 ± 2.7	8.6 ± 3.0	9.1 ± 3.7	10.9 ± 4.8	np	9.9 ± 1.4
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	np	100.0
Total									
Low (10-15)	66.6 ± 2.0	68.5 ± 2.0	65.9 ± 2.7	69.8 ± 2.4	67.0 ± 2.6	70.3 ± 3.0	65.8 ± 2.5	61.6 ± 15.4	67.3 ± 1.0
Moderate (16-21)	20.5 ± 1.8	19.6 ± 1.8	22.4 ± 2.3	20.1 ± 2.3	20.2 ± 1.6	18.7 ± 2.2	23.3 ± 2.4	25.1 ± 12.0	20.7 ± 1.0
High (22-29) & Very high (30-50)	12.9 ± 1.4	11.9 ± 1.5	11.6 ± 1.7	10.0 ± 1.4	12.9 ± 2.1	11.0 ± 1.9	10.9 ± 2.0	13.3* ± 8.1	12.0 ± 0.7
Total (d)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 12A.24 Level of psychological distress K10, 2007-08 (per cent) (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (c)	Aust
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(a) Derived from the Kessler Psychological Distress Scale—10 items (K10). This is a scale of non-specific psychological distress based on 10 questions about negative emotional states in the 4 weeks prior to interview. The K10 is scored from 10 to 50, with higher scores indicating a higher level of distress; low scores indicate a low level of distress. Scores are grouped as follows: Low 10–15, Moderate 16–21, High 22–29, and Very high 30–50.

(b) A "*" indicates a relative standard error (RSE) of between 25 per cent and 50 per cent. Estimates with RSEs greater than 25 per cent should be used with caution. Estimates with RSEs greater than 50 per cent are considered too unreliable for general use. These estimates are not published.

(c) Separate estimates for the NT are not available for some estimates from this survey, but the NT contributes to national estimates.

(d) Totals include not stated.

np Not published.

Source: ABS unpublished, 2007-08 National Health Survey, Cat. no. 4364.0.

Table 12A.25

Table 12A.25 Labour force and employment participation among adults aged 16–64 years, by mental disorder status, 2007 (per cent) (a)

	Employed (b)		Unemployed (b)		Total	In labour force	Not in the labour force
	Full-time	Part-time	Full-time	Part-time			
Any 12-month mental disorder (c)							
Anxiety disorders	59.9 ± 5.5	35.4 ± 5.3	95.3 ± 2.0	4.7 ± 2.0	71.0 ± 3.4	29.0 ± 3.4	
Affective disorders	57.4 ± 6.8	32.6 ± 7.0	90.0 ± 4.3	10.0 ± 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	6.9 ± 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	5.5 ± 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	3.9 ± 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 ± 0.9	3.2 ± 0.9	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, 2007 *Survey of Mental Health and Wellbeing*, Cat. no. 4326.0.

Table 12A.26

Table 12A.26 **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>Total</i>	
		<i>Employed</i>	<i>the labour force</i>		
Any 12-month mental disorder (d)	42.0 ± 4.9	44.3 ± 5.0	13.7 ± 3.0	58.0 ± 4.9	100.0
Lifetime mental disorder, with no 12-month symptoms (e)	29.5 ± 6.6	55.9 ± 7.3	np	70.5 ± 6.6	100.0
No lifetime mental disorder (f)	51.6 ± 3.8	39.2 ± 3.3	9.2 ± 2.2	48.4 ± 3.8	100.0

(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, *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0.

Table 12A.27

Table 12A.27 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, *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0.

Table 12A.28

Table 12A.28 Real estimated Australian Government expenditure on mental health services (2008-09 dollars) (\$'000) (a), (b), (c)

	2004-05	2005-06	2006-07	2007-08	2008-09
Healthcare Agreement — grants to states and territories (c)	81 167	82 286	80 518	84 448	79 298
National programs and initiative (DOHA managed) (d), (e)	61 366	87 868	114 944	220 368	195 751
National programs and initiative (FaHCSIA managed) (f)	..	..	16 981	104 127	143 460
National programs and initiative (DVA managed)	149 776	144 758	154 058	149 462	155 899
National Suicide Prevention Program	14 624	9 974	19 002	19 702	20 580
MBS — Psychiatrists	259 511	254 763	253 439	252 984	249 358
MBS — General practitioners (g), (h)	243 367	268 442	165 413	140 325	172 184
MBS — Psychologists/Allied Health (i), (j), (k)	..	..	61 307	186 083	244 844
Pharmaceutical Benefits Schedule (l)	755 905	732 992	728 723	737 907	742 216
Private Health Insurance Premium Rebates (m)	68 529	66 863	65 089	70 250	60 127
Research (n)	37 145	41 439	44 145	52 546	63 960
TOTAL	1 671 390	1 689 384	1 703 621	2 018 201	2 127 676
<i>Per cent</i>					
Healthcare Agreement — grants to states and territories (c)	4.9	4.9	4.7	4.2	3.7
National programs and initiative (DOHA managed) (d), (e)	3.7	5.2	6.7	10.9	9.2
National programs and initiative (FaHCSIA managed) (f)	..	..	1.0	5.2	6.7
National programs and initiative (DVA managed)	9.0	8.6	9.0	7.4	7.3
National Suicide Prevention Program	0.9	0.6	1.1	1.0	1.0
MBS — Psychiatrists	15.5	15.1	14.9	12.5	11.7
MBS — General practitioners (g), (h)	14.6	15.9	9.7	7.0	8.1
MBS — Psychologists/Allied Health (i), (j), (k)	..	..	3.6	9.2	11.5
Pharmaceutical Benefits Schedule (l)	45.2	43.4	42.8	36.6	34.9
Private Health Insurance Premium Rebates (m)	4.1	4.0	3.8	3.5	2.8

Table 12A.28

Table 12A.28 Real estimated Australian Government expenditure on mental health services (2008-09 dollars) (\$'000) (a), (b), (c)

	2004-05	2005-06	2006-07	2007-08	2008-09
Research (n)	2.2	2.5	2.6	2.6	3.0
TOTAL	100.0	100.0	100.0	100.0	100.0

(a) Australian Government expenditure data for 2008-09 are preliminary.

(b) Constant price expenditure for all years expressed in 2008-09 prices using the implicit price deflator for non-farm GDP. Details provided in table 12A.78.

(c) Refers to 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). From 2008-09, expenditure categories for Commonwealth mental health expenditure data have been modified. The revised categories better reflect Commonwealth spending, and in particular, redistribute the previous category 'National Mental Health Strategy'. In previous years, grants to states and territories were included in the National Mental Health Strategy category. From 2008-09, this has been separated into its own category, Health Care Agreements — Grants to states and territories. Previous years' data (2004-05 to 2007-08) have been updated to reflect the revised categories.

(d) From 2008-09, expenditure categories for Commonwealth mental health expenditure data have been modified. The revised categories better reflect Commonwealth spending, and in particular, redistribute the previous category 'National Mental Health Strategy'. National programs and initiatives (DoHA managed) includes all items that were previously reported under the National Mental Health Strategy, except for grants to states and territories which are reported under Health Care Agreements — Grants to states and territories. Previous years' data (2004-05 to 2007-08) have been updated to reflect the revised categories.

(e) The National programs and initiatives (DoHA managed) category also now includes DoHA-administered COAG Action Plan programs *not reported elsewhere*, whereas in previous years this was reported separately. 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 can be found in COAG National Action Plan Progress Reports (www.coag.gov.au).

(f) Expenditure on FaHCSIA-managed COAG Action Plan programs refers to funding outlays on three 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).

Table 12A.28 Real estimated Australian Government expenditure on mental health services (2008-09 dollars) (\$'000) (a), (b), (c)

	2004-05	2005-06	2006-07	2007-08	2008-09
(g)	<p>Prior to 2006-07, General Practitioner mental health-related expenditure was based on a crude estimate of 6.1 per cent of total MBS benefits paid for GP attendances, and derived from data and assumptions as detailed in the <i>National Mental Health Report 2007</i>. This estimate was historical and aimed to recognise that, although few mental health specific items were available in the MBS to accurately monitor GP mental health service provision, GPs are a significant provider of services to people with mental illness. Commencing 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 an additional 6.1 per cent of total GP Benefits paid in the period preceding the introduction of the new items (July and November 2006).</p>				
(h)	<p>For 2007-08 and 2008-09, expenditure on GP mental health care is based solely on benefits paid against MBS Better Access mental health items. This provides a significantly lower expenditure figure than obtained using the 6.1 per cent estimate of previous years because it is conservative and does not attempt to assign a cost to the range of GP mental health work that is not billed as a specific Better Access item. Comparisons of GP mental health related expenditure reported pre- and post-2006-07 are therefore not valid as the apparent decrease reflects the different approach to counting GP mental health services.</p>				
(i)	<p>Expenditure on Clinical Psychologists is based on total MBS benefits paid for new Clinical Psychologist consultation items introduced on 1 November 2006 under the <i>Better Access to Mental Health Care</i> initiative. Note that comparable items did not exist in preceding years, and that these items were not available for the full 2006-07 period.</p>				
(j)	<p>Expenditure on Other Allied Health is based on total MBS benefits paid for new mental health items introduced on 1 November 2006 under the <i>Better Access to Mental Health Care</i> initiative, payable for services provided by Registered Psychologists and Social Workers and Occupational Therapists approved by Medicare Australia. Note that these items were not available for the full 2006-07 period.</p>				
(k)	<p>From 2008-09, these two categories (Clinical Psychologists and Other Allied Health professionals) were combined, and as such data for 2006-07 and for 2007-08 were also combined from the separate categories reported in these years.</p>				
(l)	<p>Excludes benefits paid for medicines prescribed for veterans under the Repatriation Pharmaceutical Benefits Schedule. These costs are included in the Department of Veterans' Affairs category.</p>				
(m)	<p>Mental health related Private Health Insurance Premium Rebates for 2008-09 are a preliminary estimate only and subject to revision.</p>				
(n)	<p>Research funding represents the value of mental health related grants administered by the National Health and Medical Research Council during the relevant year. Source: NHMRC website: www.nhmrc.gov.au/grants/dataset/disease/mental.php</p>				

.. Not applicable.

Source: Australian Government unpublished.

Table 12A.29

Table 12A.29 Real estimated recurrent expenditure at the discretion of State and Territory governments (2008-09 dollars)
(a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (f)	Aust
<i>Real recurrent expenditure (\$'000)</i>									
2004-05	857 391.2	717 713.6	456 809.9	332 989.3	226 704.0	60 443.8	49 480.9	27 976.0	2 729 508.7
2005-06	939 926.5	745 429.1	495 104.0	353 433.9	236 117.2	75 251.4	49 458.3	29 421.4	2 924 141.9
2006-07	981 615.5	772 434.6	552 882.4	370 728.0	262 940.3	86 241.3	57 902.2	32 310.6	3 117 055.0
2007-08	1 028 622.4	802 596.3	626 852.3	404 149.6	276 953.2	92 343.3	59 528.9	34 180.5	3 325 226.4
2008-09	1 081 416.8	830 241.4	662 288.9	431 338.6	289 518.9	94 521.8	63 483.9	36 254.7	3 489 064.8
<i>Real expenditure per person (\$)</i>									
2004-05	127	143	116	167	147	125	151	137	135
2005-06	139	147	122	173	151	154	149	141	142
2006-07	143	150	134	178	167	175	172	152	149
2007-08	148	153	148	190	174	186	175	157	157
2008-09	154	155	152	196	180	189	183	164	161

(a) Constant price expenditure expressed in 2008-09 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.77).

(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. NMHS funds are 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 as base grants under the Australian Health Care Agreements as well as funds provided by State and Territory governments.

(e) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(f) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 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.

Table 12A.29

Table 12A.29 Real estimated recurrent expenditure at the discretion of State and Territory governments (2008-09 dollars)
(a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (f)	Aust
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Source: AIHW unpublished, *Mental Health Establishments National Minimum Data Set (MHE NMDS)*; State and Territory governments unpublished; Australian Government unpublished.

Table 12A.30 Real Australian Government recurrent expenditure on mental health services per person (2008-09 dollars) (a), (b)

	<i>\$ per person</i>
2004-05	83
2005-06	82
2006-07	82
2007-08	95
2008-09	98

(a) See the table 12A.28 for detailed notes on Australian Government expenditure estimates.

(b) Constant price expenditure for all years expressed in 2008-09 prices using the implicit price deflator for non-farm GDP. Details provided in table 12A.78.

Source: Australian Government unpublished.

Table 12A.31

Table 12A.31 Real estimated recurrent expenditure at the discretion of State and Territory governments — excluding other revenue (2008-09 dollars) (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (f)	Aust
<i>Real recurrent expenditure (excluding other revenue) (\$'000)</i>									
2004-05	827 025.0	693 588.3	445 876.9	330 018.1	223 383.3	57 795.5	48 696.6	27 973.0	2 654 356.6
2005-06	912 869.5	727 162.3	483 964.7	349 950.9	231 645.5	72 551.4	48 771.1	29 361.9	2 856 277.3
2006-07	961 703.1	740 501.4	542 424.9	367 171.0	259 407.4	83 317.5	57 171.3	32 282.0	3 043 978.7
2007-08	1 010 080.4	778 111.4	617 494.9	400 968.4	272 481.8	88 955.9	59 030.2	33 783.2	3 260 906.1
2008-09	1 066 859.4	802 856.6	652 215.2	429 060.2	282 414.1	89 488.5	62 716.5	36 250.4	3 421 861.0
<i>Real expenditure per person (excluding other revenue) (\$)</i>									
2004-05	123	138	113	165	145	119	148	137	131
2005-06	135	143	120	172	149	149	147	141	139
2006-07	140	143	131	176	165	169	170	152	146
2007-08	146	148	146	188	171	179	173	155	154
2008-09	152	150	150	195	175	179	180	164	158

(a) Constant price expenditure expressed in 2008-09 prices using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.77).

(b) Estimates of State and Territory governments' 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. NMHS funds are 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 as base grants under the Australian Health Care Agreements as well as funds provided by State and Territory governments.

(e) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(f) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 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.

Table 12A.31

Table 12A.31 Real estimated recurrent expenditure at the discretion of State and Territory governments — excluding other revenue (2008-09 dollars) (a), (b), (c), (d), (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (f)	Aust
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Source: AIHW unpublished, MHE NMDS; State and Territory governments unpublished.

Table 12A.32

Table 12A.32 Depreciation (current prices) (\$'000s) (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 (c)</i>	<i>Aust</i>
2004-05	15 694	7 938	8 572	2 577	35	–	11	117	34 945
2005-06	15 282	7 350	8 453	4 282	53	–	287	–	35 706
2006-07	12 392	7 234	9 656	4 059	46	–	–	–	33 387
2007-08	14 078	11 344	9 108	3 546	438	–	–	543	39 057
2008-09	8 993	12 888	8 214	4 126	3 245	–	–	–	37 466

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

(b) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(c) In the NT, the method for calculating the depreciation expenditure used to derive these results has undergone changes. For 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.

– Nil or rounded to zero.

Source: AIHW unpublished, *MHE NMDS*; State and Territory governments unpublished.

Table 12A.33

Table 12A.33 National Mental Health Strategy (NMHS) and Department of Veterans' Affairs funding (current prices) (\$'000s) (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>
<i>National Mental Health Strategy funds (b)</i>									
2004-05	22 069	16 137	12 729	6 570	5 170	1 508	1 453	1 408	67 044
2005-06	22 089	17 654	13 700	7 251	5 476	2 161	1 546	1 466	71 342
2006-07	24 194	17 247	14 013	7 252	5 821	1 748	1 513	1 564	73 352
2007-08	25 554	19 188	15 433	7 934	5 942	2 207	2 171	1 881	80 310
2008-09	25 270	18 962	15 713	8 040	5 830	1 943	1 890	1 650	79 298
<i>Department of Veterans' Affairs funds (c)</i>									
2004-05	10 624	9 029	1 178	1 955	2 858	154	155	–	25 952
2005-06	8 759	8 462	893	1 655	3 113	156	151	–	23 188
2006-07	7 492	7 906	2 780	2 710	2 988	442	144	15	24 476
2007-08	7 637	6 264	2 233	2 352	3 586	303	222	33	22 629
2008-09	7 943	9 947	3 510	3 604	4 527	563	52	2	30 149

(a) These data are used in tables 12A.29 and 12A.31 to derive expenditure at the discretion of State and Territory governments.

(b) Refers to 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) DVA expenditure represents payments to states and territories for mental health services provided to Veterans.

– Nil or rounded to zero.

Source: Australian Government unpublished.

Table 12A.34

Table 12A.34 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)	
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, 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0.

Table 12A.35

Table 12A.35 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, 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0.

Table 12A.36

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

	NSW	Vic	Q/d (e)	WA	SA	Tas (f)	ACT	NT (g)	Aust
Ambulatory	307 723	269 596	159 795	142 248	79 311	25 173	23 878	12 446	1 020 171
Non-government organisation	31 744	61 087	25 347	16 474	14 686	1 690	5 136	3 088	159 251
Indirect	64 155	32 200	26 764	7 234	5 140	4 971	2 219	2 048	144 731
Total expenditure	885 394	708 553	454 648	326 096	219 894	70 418	46 200	28 223	2 739 425
<i>Per cent</i>									
Public psychiatric hospital	21.6	4.3	14.4	19.3	37.0	..	..	..	15.7
Public acute hospital	30.1	27.3	39.0	28.3	16.7	32.0	19.5	36.8	29.5
Total inpatient expenditure	51.7	31.6	53.4	47.6	53.6	32.0	19.5	36.8	45.2
Community residential	2.8	17.2	..	1.5	1.3	22.8	12.9	0.9	6.4
Ambulatory	34.8	38.0	35.1	43.6	36.1	35.7	51.7	44.1	37.2
Non-government organisation	3.6	8.6	5.6	5.1	6.7	2.4	11.1	10.9	5.8
Indirect	7.2	4.5	5.9	2.2	2.3	7.1	4.8	7.3	5.3
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	189 253	32 916	70 375	66 936	80 028	..	..	..	439 508
Public acute hospital	310 135	206 207	190 034	98 566	55 009	29 785	14 186	10 297	914 218
Total inpatient expenditure	499 388	239 123	260 409	165 502	135 036	29 785	14 186	10 297	1 353 726
Community residential	27 921	124 657	..	6 485	2 985	18 475	6 906	349	187 778
Ambulatory	332 744	283 885	208 876	154 482	88 466	27 721	27 418	15 240	1 138 832
Non-government organisation	40 539	64 265	32 539	18 025	21 803	3 266	5 283	4 093	189 812
Indirect	63 236	42 990	29 264	10 696	4 760	4 263	1 866	2 117	159 191
Total expenditure	963 827	754 920	531 088	355 190	253 051	83 509	55 658	32 095	3 029 339
<i>Per cent</i>									
Public psychiatric hospital	19.6	4.4	13.3	18.8	31.6	14.5
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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), (d)

	NSW	Vic	Q/d (e)	WA	SA	Tas (f)	ACT	NT (g)	Aust
Public acute hospital	32.2	27.3	35.8	27.8	21.7	35.7	25.5	32.1	30.2
<i>Total inpatient expenditure</i>	51.8	31.7	49.0	46.6	53.4	35.7	25.5	32.1	44.7
Community residential	2.9	16.5	..	1.8	1.2	22.1	12.4	1.1	6.2
Ambulatory	34.5	37.6	39.3	43.5	35.0	33.2	49.3	47.5	37.6
Non-government organisation	4.2	8.5	6.1	5.1	8.6	3.9	9.5	12.8	6.3
Indirect	6.6	5.7	5.5	3.0	1.9	5.1	3.4	6.6	5.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2007-08									
<i>Recurrent expenditure (\$'000)</i>									
Public psychiatric hospital	181 725	39 731	77 752	67 508	80 601	..	..	..	447 317
Public acute hospital	344 039	221 090	221 511	113 050	60 245	34 203	16 006	11 663	1 021 805
<i>Total inpatient expenditure</i>	525 764	260 821	299 262	180 558	140 846	34 203	16 006	11 663	1 469 122
Community residential	14 952	131 314	..	9 137	6 337	19 325	7 400	456	188 920
Ambulatory	369 446	303 441	249 240	174 580	98 702	29 171	27 051	16 399	1 268 031
Non-government organisation	60 362	65 625	39 436	21 079	24 487	4 690	6 117	3 843	225 639
Indirect	67 378	42 036	33 167	13 723	5 662	4 748	3 281	2 444	172 439
Total expenditure	1 037 902	803 237	621 105	399 078	276 033	92 137	59 854	34 805	3 324 151
<i>Per cent</i>									
Public psychiatric hospital	17.5	4.9	12.5	16.9	29.2	..	..	..	13.5
Public acute hospital	33.1	27.5	35.7	28.3	21.8	37.1	26.7	33.5	30.7
<i>Total inpatient expenditure</i>	50.7	32.5	48.2	45.2	51.0	37.1	26.7	33.5	44.2
Community residential	1.4	16.3	..	2.3	2.3	21.0	12.4	1.3	5.7
Ambulatory	35.6	37.8	40.1	43.7	35.8	31.7	45.2	47.1	38.1
Non-government organisation	5.8	8.2	6.3	5.3	8.9	5.1	10.2	11.0	6.8
Indirect	6.5	5.2	5.3	3.4	2.1	5.2	5.5	7.0	5.2
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HEALTH MANAGEMENT ISSUES									

Table 12A.36

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

	NSW	Vic	Q/d (e)	WA	SA	Tas (f)	ACT	NT (g)	Aust
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2008-09									
Recurrent expenditure (\$'000)									
Public psychiatric hospital	179 140	37 200	80 643	74 273	80 738	..	..	..	451 994
Public acute hospital	405 678	240 976	227 751	124 447	66 018	35 893	17 060	12 983	1 130 805
Total inpatient expenditure	584 818	278 176	308 394	198 720	146 756	35 893	17 060	12 983	1 582 799
Community residential	14 491	142 206	..	12 876	9 146	19 079	7 255	877	205 931
Ambulatory	403 683	323 484	285 218	193 361	113 267	32 060	32 093	17 219	1 400 386
Non-government organisation	57 628	71 385	46 100	23 673	24 020	4 676	6 361	3 635	237 477
Indirect	54 010	43 900	41 801	14 352	6 686	5 320	2 656	3 192	171 918
Total expenditure	1 114 630	859 150	681 512	442 982	299 876	97 029	65 426	37 907	3 598 512
Per cent									
Public psychiatric hospital	16.1	4.3	11.8	16.8	26.9	..	..	..	12.6
Public acute hospital	36.4	28.0	33.4	28.1	22.0	37.0	26.1	34.2	31.4
Total inpatient expenditure	52.5	32.4	45.3	44.9	48.9	37.0	26.1	34.2	44.0
Community residential	1.3	16.6	..	2.9	3.0	19.7	11.1	2.3	5.7
Ambulatory	36.2	37.7	41.9	43.6	37.8	33.0	49.1	45.4	38.9
Non-government organisation	5.2	8.3	6.8	5.3	8.0	4.8	9.7	9.6	6.6
Indirect	4.8	5.1	6.1	3.2	2.2	5.5	4.1	8.4	4.8
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.

(d) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

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

	NSW	Vic	Q/d (e)	WA	SA	Tas (f)	ACT	NT (g)	Aust
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(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 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).

(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 have been \$10 719 100.

(g) Apportioning of indirect funds is undertaken at the service setting level.

.. Not applicable.

Source: AIHW unpublished, *MHE NMDS*; State and Territory governments unpublished.

Table 12A.37

Table 12A.37 Proportion of people receiving clinical mental health services by service type (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2007-08										
Public (b)										
Number	no.	108 755	57 197	75 541	37 566	27 793	9 499	6 801	4 721	327 873
Rate	%	1.6	1.1	1.8	1.8	1.8	2.0	2.0	2.1	1.6
Private (c)										
Number	no.	7 256	6 170	4 791	2 183	np	np	np	..	23 044
Rate	%	0.1	0.1	0.1	0.1	np	np	np	..	0.1
MBS										
Number	no.	343 242	284 343	182 247	85 877	73 223	20 305	13 793	3 955	1006 985
Rate: Total MBS (d)	%	5.0	5.4	4.3	4.0	4.7	4.3	3.9	1.8	4.8
Rate: Psychiatrist (e)	%	1.3	1.4	1.2	1.0	1.5	0.9	1.0	0.4	1.3
Rate: Clinical psychologist (f)	%	0.6	0.6	0.4	1.0	0.7	0.9	0.6	0.1	0.6
Rate: GP (g)	%	3.7	3.9	3.1	3.0	3.2	3.2	2.8	1.4	3.5
Rate: Other allied health (h)	%	1.3	1.8	1.4	0.6	0.9	1.1	1.2	0.4	1.3
2008-09										
Public (b)										
Number	no.	113 759	57 860	72 989	39 547	30 423	9 362	7 348	5 008	336 296
Rate	%	1.6	1.1	1.7	1.8	2.0	1.9	2.1	2.2	1.6
Private (c)										
Number	no.	7 575	6 308	5 270	2 629	np	np	np	..	24 348
Rate	%	0.1	0.1	0.1	0.1	np	np	np	..	0.1
MBS										
Number	no.	412 692	342 920	228 201	105 222	89 845	24 254	16 731	5 074	1 224 940
Rate: Total MBS (d)	%	5.9	6.4	5.3	4.8	5.7	5.1	4.7	2.3	5.7
Rate: Psychiatrist (e)	%	1.3	1.4	1.2	1.0	1.5	1.0	1.0	0.4	1.3

Table 12A.37

Table 12A.37 Proportion of people receiving clinical mental health services by service type (a)

Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Rate: Clinical psychologist (f) %	0.8	0.8	0.6	1.2	1.1	1.2	0.8	0.2	0.8
Rate: GP (g) %	4.5	4.8	4.0	3.6	4.1	3.9	3.4	1.8	4.3
Rate: Other allied health (h) %	1.7	2.2	1.7	0.8	1.1	1.3	1.5	0.5	1.7

(a) Rates are age-standardised to the Australian population as at 30 June 2001.

(b) South Australia and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore caution needs to be taken when making interjurisdictional comparisons.

(c) Private psychiatric hospital figures are not published for SA, Tasmania, and the ACT due to confidentiality reasons but are included in the Australia figures.

(d) MBS services are those provided under any of the Medicare-funded service types described at (e) to (h). Persons seen by more than one provider type are counted only once in the total.

(e) Consultant psychiatrist services are MBS items 134, 136, 138, 140, 142, 289, 291, 293, 296, 297, 299, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 319, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 342, 344, 346, 348, 350, 352, 353, 355, 356, 357, 358, 359, 361, 364, 366, 367, 369, 370, 855, 857, 858, 861, 864, 866, 14224.

(f) Clinical psychologist services are MBS items 80000, 80005, 80010, 80015, 80020.

(g) GP services are MBS items 170, 171, 172, 2574, 2575, 2577, 2578, 2704, 2705, 2707, 2708, 2710, 2712, 2713, 2721, 2723, 2725, 2727.

(h) Other allied health services are MBS items 10956, 10968, 80100, 80105, 80110, 80115, 80120, 80125, 80130, 80135, 80140, 80145, 80150, 80155, 80160, 80165, 80170, 81325, 81355, 82000, 82015.

.. Not applicable. np Not published.

Source: State and territory unpublished, community mental health care data; Private Mental Health Alliance unpublished; Centralised Data Management System data; Department of Health and Ageing unpublished, Medicare data; ABS unpublished, *Estimated Residential Population, 30 June 2008*.

Table 12A.38

Table 12A.38 People with mental illness with GP treatment plans (a), (b), (c)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2008-09										
Age standardised rate (d)	%	17.5	18.9	15.5	14.1	14.7	14.3	14.1	7.3	16.7
Number of people	no.	186 485	156 436	102 204	47 568	35 987	10 894	7 940	2 427	549 941
2009-10 (e)										
Age standardised rate (d)	%	18.6	20.2	16.7	14.7	16.2	16.2	14.7	7.9	17.7
Number of people	no.	201 005	170 621	113 652	51 028	40 143	12 307	8 406	3 000	600 164

(a) People aged 16–84 with selected 12-month mental disorders as captured through the National Survey of Mental Health and Wellbeing 2007. People with a selected 12-month mental disorder experienced symptoms in the 12 months prior to the survey interview.

(b) Disaggregation by State/Territory is based on the patient's postcode at the date their last service was processed in the reference period. This is not necessarily the location where the service was received.

(c) GP treatment plans include MBS item 2702 and 2710. Item 2702 was introduced on 1 January 2010 for patients of GPs who have not undertaken mental health skills training. Changes were made to the existing item 2710 to allow patients of GPs who have undertaken mental health skills training to access a higher rebate. As both of these items relate to the preparation of a GP mental health treatment plan they are both included in 2009–10 data.

(d) Rates are age standardised to the Australian population aged 16–84 years as at 30 June 2001.

(e) Data for Australia includes other territories.

Source: Department of Health and Ageing unpublished, Medicare data; ABS unpublished, Estimated Residential Population, 30 June 2008/2009; ABS unpublished, *National Survey of Mental Health and Wellbeing, 2007*.

Table 12A.39

Table 12A.39 People with mental illness with GP care plans, by age, 2009-10 (a), (b)

Age	Number of people										Age specific rate (%)
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust		
0-15 years	21 106	18 113	13 036	5 258	5 002	1 174	854	213	64 757	..	
16-24 years	33 467	28 555	20 048	8 948	7 329	2 512	1 705	473	103 037	13.8	
25-34 years	45 064	39 972	26 208	12 170	8 755	2 658	2 170	768	137 766	18.0	
35-44 years	48 663	42 602	27 986	12 564	9 181	2 874	1 976	808	146 654	20.0	
45-54 years	38 336	31 585	20 977	9 163	7 560	2 206	1 395	550	111 772	17.0	
55-64 years	23 112	18 526	12 488	5 429	4 821	1 410	829	306	66 922	19.6	
65-74 years	8 740	6 840	4 482	2 014	1 811	485	246	75	24 693	17.9	
75-84 years	3 623	2 541	1 463	740	686	162	np	np	9 320	15.7	
85 and over	740	474	250	134	106	24	np	np	1 746	..	
Total (c)	222 853	189 208	126 938	56 421	45 253	13 505	9 275	3 217	666 668		

(a) MBS items 2702 and 2710.

(b) Disaggregation by State/Territory is based on the patient's postcode at the date their last service was processed in the reference period. This is not necessarily the location where the service was received.

(c) Total includes all ages and contacts where age was missing or not reported.

.. Not applicable. np Not published.

Source: Department of Health and Ageing unpublished, Medicare data; ABS unpublished, Estimated Residential Population, 30 June 2009.

Table 12A.40

Table 12A.40 Mental health care specific MBS items processed, 2008-09 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>Number of services</i>									
Psychiatrist services									
Initial consultations new patient (c)	31 484	25 495	17 220	8 055	7 418	1 785	1 266	306	93 029
Patient attendances (d)	543 800	583 020	330 605	117 929	162 032	37 344	17 961	3 831	1 796 522
Group psychotherapy	20 082	17 924	2 479	678	574	3 106	201	30	45 074
Interview with non-patient	2 848	2 594	1 948	439	552	112	73	15	8 581
Telepsychiatry	752	78	447	26	8	1	15	29	1 356
Case conferencing	190	734	97	44	37	31	9	2	1 144
Electroconvulsive therapy (e)	5 425	6 326	5 462	1 852	1 628	589	103	6	21 391
Assessment and treatment of pervasive developmental disorder	32	65	22	5	—	—	—	1	125
Total psychiatrist services	604 613	636 236	358 280	129 023	172 254	42 968	19 628	4 220	1 967 222
GP mental health specific services									
GP mental health care	520 403	434 383	290 904	138 410	111 352	28 783	19 020	6 688	1 549 943
Focussed psychological strategies	13 238	10 693	6 037	1 115	3 261	249	345	226	35 164
Family group therapy	6 696	6 144	1 000	274	560	161	85	16	14 936
Total GP mental health specific services	540 337	451 220	297 941	139 799	115 173	29 193	19 450	6 930	1 600 043
Psychologist services									
Psychological therapy — clinical psychologists	298 137	226 729	111 728	145 385	77 824	28 968	14 297	1 767	904 835
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Table 12A.40

Table 12A.40 Mental health care specific MBS items processed, 2008-09 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Focussed psychological strategies — psychologists	517 849	550 951	315 067	76 491	59 519	23 591	25 367	4 963	1 573 798
Enhanced primary care — psychologists	2 705	1 858	1 413	267	178	88	68	14	6 591
Assessment and treatment of pervasive developmental disorder	1 180	2 196	399	348	244	101	87	20	4 575
Total psychologist services	819 871	781 734	428 607	222 491	137 765	52 748	39 819	6 764	2 489 799
Other allied health services									
Focussed psychological strategies — occupational therapist	9 207	7 689	3 373	1 951	2 956	519	182	10	25 887
Focussed psychological strategies — social worker	42 707	41 722	17 111	9 107	7 860	2 451	449	133	121 540
Enhanced Primary Care — mental health worker (f)	1 059	742	298	39	169	13	—	2	2 322
Total allied health services	52 973	50 153	20 782	11 097	10 985	2 983	631	145	149 749
<i>Rate per 1000 people (g)</i>									
Psychiatrist services	85.9	118.6	82.4	58.5	106.9	85.9	56.4	19.0	90.9
GP mental health specific services	76.7	84.1	68.5	63.4	71.4	58.4	55.9	31.3	73.9
Psychologist services	116.4	145.7	98.5	100.9	85.5	105.4	114.5	30.5	115.0
Other allied health services	7.5	9.3	4.8	5.0	6.8	6.0	1.8	0.7	6.9

(a) State and territory is based on the postcode of the mailing address of the patient as recorded by Medicare Australia.

(b) A listing of the MBS items associated with each of the categories is available in table A1.1 of Australian Institute of Health and Welfare's publication *Mental health services in Australia 2007–08*.

Table 12A.40

Table 12A.40 Mental health care specific MBS items processed, 2008-09 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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- (c) Includes consultations in consulting room, hospital and home visits.
- (d) Includes attendances in consulting room, hospital and other places.
- (e) Information for electroconvulsive therapy may include data for services provided by medical practitioners other than psychiatrists.
- (f) Includes psychologists, mental health nurses, occupational therapists, social workers and Aboriginal health workers.
- (g) Crude rates based on the preliminary Australian estimated resident population as at 31 December 2008.
– Nil or rounded to zero.

Source: AIHW 2010, *Mental Health Services in Australia 2007–08*, Mental health series no. 12, Cat. no. HSE 88.

Table 12A.41

Table 12A.41 **Mental health patient days (a), (b)**

<i>Patient days</i>	NSW	Vic	Qld (c)	WA	SA	Tas	ACT	NT	Aust
<i>Acute units</i>									
2004-05	424 529	321 498	212 491	168 251	116 001	35 824	15 420	11 410	1 305 424
2005-06	468 925	325 855	216 029	167 257	117 148	30 681	15 342	11 266	1 352 503
2006-07	502 521	328 817	216 505	165 365	120 755	28 219	16 419	11 854	1 390 455
2007-08	501 388	322 087	222 006	183 741	119 808	30 924	18 539	10 990	1 409 483
2008-09	525 512	334 711	224 395	181 426	115 412	31 291	19 884	11 517	1 444 148
<i>Nonacute units</i>									
2004-05	268 172	63 311	227 948	47 263	96 023	7 440	..	..	710 157
2005-06	256 893	55 745	225 242	44 800	90 200	9 074	..	..	681 954
2006-07	252 391	56 837	222 783	50 751	84 637	9 482	..	..	676 881
2007-08	279 349	63 428	219 026	36 838	77 836	7 128	..	..	683 605
2008-09	265 820	54 667	215 715	38 357	65 509	9 125	..	..	649 193
<i>24-hour community residential</i>									
2004-05	58 474	319 708	..	6 891	8 266	31 638	13 051	..	438 028
2005-06	73 112	321 675	..	11 380	8 635	34 155	13 981	..	462 938
2006-07	73 773	338 377	..	12 006	9 232	34 697	14 023	..	482 108
2007-08	42 051	352 741	..	17 157	15 277	27 194	13 599	1 737	469 756
2008-09	37 375	343 064	..	38 216	23 838	28 727	14 262	3 550	489 032
<i>Patient days per 1000 people</i>									
<i>Acute units</i>									
2004-05	63.1	64.1	53.8	84.2	75.1	73.9	47.0	56.0	64.5
2005-06	69.1	64.1	53.4	82.1	75.1	62.8	46.2	54.1	65.8
2006-07	73.3	63.7	52.4	79.5	76.6	57.4	48.8	55.8	66.7
2007-08	72.4	61.4	52.5	86.2	75.3	62.4	54.4	50.5	66.5
2008-09	74.6	62.4	51.6	82.3	71.6	62.5	57.2	52.0	66.7

Table 12A.41

Table 12A.41 **Mental health patient days (a), (b)**

	NSW	Vic	Qld (c)	WA	SA	Tas	ACT	NT	Aust
Nonacute units									
2004-05	39.9	12.6	57.8	23.6	62.1	15.4	..	..	35.1
2005-06	37.9	11.0	55.7	22.0	57.8	18.6	..	..	33.2
2006-07	36.8	11.0	53.9	24.4	53.7	19.3	..	..	32.5
2007-08	40.3	12.1	51.8	17.3	48.9	14.4	..	..	32.3
2008-09	37.8	10.2	49.6	17.4	40.6	18.2	..	..	30.0
24-hour community residential									
2004-05	8.7	63.8	..	3.4	5.3	65.3	39.8	..	21.6
2005-06	10.8	63.3	..	5.6	5.5	69.9	42.1	..	22.5
2006-07	10.8	65.5	..	5.8	5.9	70.6	41.7	..	23.1
2007-08	6.1	67.2	..	8.1	9.6	54.9	39.9	8.0	22.2
2008-09	5.3	63.9	..	17.3	14.8	57.4	41.0	16.0	22.6

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

(b) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(c) 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, *MHE NMDS*; State and Territory governments unpublished.

Table 12A.42

Table 12A.42 Admitted patient separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM and hospital type, 2007-08 (a)

ICD-10		Public acute hospitals	Public psychiatric hospitals	Total	Per cent
		no.	no.	no.	%
F00-F03	Dementia	592	221	813	0.9
F04-F09	Other organic mental disorders	596	172	768	0.8
F10	Mental and behavioural disorders due to use of alcohol	2 128	690	2 818	3.1
F11-F19	Mental and behavioural disorders due to other psychoactive substances use	3 155	779	3 934	4.3
F20	Schizophrenia	17 250	2 834	20 084	21.9
F21, F24, F28, F29	Schizotypal and other delusional disorders	1 609	260	1 869	2.0
F22	Persistent delusional disorders	817	136	953	1.0
F23	Acute and transient psychotic disorders	1 432	168	1 600	1.7
F25	Schizoaffective disorders	5 354	949	6 303	6.9
F30	Manic episode	532	60	592	0.6
F31	Bipolar affective disorders	7 628	1 157	8 785	9.6
F32	Depressive episode	11 051	1 121	12 172	13.3
F33	Recurrent depressive disorders	2 997	554	3 551	3.9
F34	Persistent mood (affective) disorders	938	116	1 054	1.2
F38, F39	Other and unspecified mood (affective) disorders	145	25	170	0.2
F40	Phobic anxiety disorders	79	11	90	0.1
F41	Other anxiety disorders	1 089	99	1 188	1.3
F42	Obsessive-compulsive disorders	236	19	255	0.3
F43	Reaction to severe stress and adjustment disorders	8 501	1 098	9 599	10.5

Table 12A.42

Table 12A.42 Admitted patient separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM and hospital type, 2007-08 (a)

ICD-10		Public acute hospitals	Public psychiatric hospitals	Total	Per cent
F44	Dissociative (conversion) disorders	112	11	123	0.1
F45, F48	Somatoform and other neurotic disorders	106	8	114	0.1
F50	Eating disorders	523	6	529	0.6
F51-F59	Other behavioural syndromes associated with physiological disturbances and physical factors	155	9	164	0.2
F60	Specific personality disorders	3 834	614	4 448	4.9
F61-F69	Disorders of adult personality and behaviour	197	73	270	0.3
F70-F79	Mental retardation	147	56	203	0.2
F80-F89	Disorders of psychological development	199	42	241	0.3
F90	Hyperkinetic disorders	106	17	123	0.1
F91	Conduct disorders	262	29	291	0.3
F92-F98	Other and unspecified disorders with onset in childhood or adolescence	172	58	230	0.3
F99	Mental disorder not otherwise specified	167	101	268	0.3
G30	Alzheimer's disease	491	150	641	0.7
	Other factors related to mental and behavioural disorders and substance use (b)	191	247	438	0.5
	Other specified mental health-related principal diagnosis (c)	296	10	306	0.3
	Other (d)	5 832	823	6 655	7.3
	Total	78 919	12 723	91 642	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.

Table 12A.42 Admitted patient separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM and hospital type, 2007-08 (a)

<i>ICD-10</i>	<i>Public acute hospitals</i>	<i>Public psychiatric hospitals</i>	<i>Total</i>	<i>Per cent</i>
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(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 2010, *Mental Health Services in Australia 2007-08*, Mental health series no. 12, Cat. no. HSE 88.

Table 12A.43

Table 12A.43 Community mental health service contacts, by sex and age group, 2007-08 (a)

Number	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Males									
Less than 15 years	54 762	54 125	76 331	29 163	29 505	9 447	8 265	1 640	263 238
15-24	184 734	137 121	108 312	36 359	29 943	7 412	24 591	3 215	531 687
25-34	355 111	236 320	153 452	56 300	56 261	11 232	27 680	7 053	903 409
35-44	292 683	197 867	127 742	51 256	51 794	10 167	17 279	4 889	753 677
45-54	183 155	126 146	81 201	37 727	37 971	10 928	10 690	2 409	490 227
55-64	83 938	67 908	42 359	25 594	15 663	4 931	4 259	909	245 561
65 years and over	45 786	82 281	35 607	24 218	11 745	8 410	5 444	528	214 019
Total males (a)	1 200 743	906 012	625 063	260 826	232 893	62 527	98 692	20 646	3 407 402
Females									
Less than 15 years	36 288	36 896	52 758	16 990	16 432	7 796	10 379	778	178 317
15-24	132 106	144 876	100 645	46 955	27 868	11 066	29 435	3 007	495 958
25-34	163 717	141 706	101 403	46 049	33 118	8 750	17 649	4 138	516 530
35-44	174 214	158 411	106 223	56 335	44 022	11 435	16 781	3 644	571 065
45-54	132 986	128 081	80 389	48 451	34 139	11 326	12 871	2 556	450 799
55-64	70 774	78 566	44 263	30 097	20 837	6 149	6 496	1 005	258 187
65 years and over	74 591	139 767	51 659	43 517	23 763	19 503	13 565	368	366 733
Total females (a)	785 095	830 400	537 415	288 596	200 195	76 035	108 200	15 500	2 841 436
Persons									
Less than 15 years	91 158	91 021	129 090	46 156	45 937	17 244	18 646	2 418	441 670
15-24	317 087	281 997	208 957	83 315	57 812	18 478	54 093	6 222	1 027 961
25-34	519 221	378 026	254 855	102 350	89 379	19 982	45 451	11 191	1 420 455
35-44	467 790	356 307	233 965	107 592	95 845	21 603	34 102	8 533	1 325 737
45-54	316 282	254 232	161 590	86 178	72 135	22 255	23 573	4 965	941 210
55-64	154 799	146 484	86 622	55 693	36 500	11 081	10 772	1 914	503 865

Table 12A.43

Table 12A.43 Community mental health service contacts, by sex and age group, 2007-08 (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
65 years and over	120 459	222 048	87 266	67 735	35 508	27 914	19 031	896	580 857
Total (a)	2 072 440	1 736 456	1 162 557	554 558	456 942	147 701	207 467	36 146	6 374 267
Rate (per 1000 population) (b)									
Males									
Less than 15 years	80.1	106.5	173.4	134.1	199.9	189.5	255.5	61.2	125.0
15-24	378.3	361.5	353.3	228.7	269.3	222.5	879.9	181.2	349.0
25-34	730.6	631.2	520.6	370.7	553.2	403.9	1 002.3	377.2	609.2
35-44	590.4	513.6	415.7	315.2	457.8	307.7	683.8	276.6	489.3
45-54	387.5	355.1	281.8	248.4	339.2	305.8	465.1	157.3	337.1
55-64	217.7	238.9	176.0	212.4	167.7	158.2	236.9	84.8	207.3
65 years and over	107.0	258.1	147.5	205.9	109.2	251.8	357.1	91.3	168.8
Total males (a)	353.1	346.3	297.8	241.8	305.1	265.7	558.8	175.8	324.9
Females									
Less than 15 years	55.8	76.4	126.5	83.3	116.3	166.0	331.4	30.8	89.2
15-24	283.6	403.3	341.4	317.6	263.3	347.2	1 122.1	184.9	342.5
25-34	335.3	380.6	348.1	318.9	333.8	302.8	641.3	225.7	351.3
35-44	345.2	401.1	339.7	356.4	389.0	330.3	650.8	218.3	365.9
45-54	275.6	352.2	273.6	322.3	297.9	307.3	525.9	178.9	304.4
55-64	182.3	268.5	187.1	259.9	214.4	195.8	346.6	114.4	217.1
65 years and over	142.3	357.3	186.1	318.1	175.2	482.3	729.0	72.7	239.8
Total females (a)	225.8	307.3	255.0	270.5	252.1	293.6	619.6	141.3	265.6
Total persons									
Less than 15 years	68.3	91.8	150.6	109.5	159.0	178.1	292.9	46.4	107.6
15-24	332.3	381.8	347.5	271.6	266.3	283.4	998.4	182.9	345.9
25-34	532.9	506.2	434.9	345.4	444.8	352.4	824.3	302.2	480.9
35-44	467.6	456.7	377.4	335.5	423.5	319.2	667.9	248.3	427.5

Table 12A.43

Table 12A.43 Community mental health service contacts, by sex and age group, 2007-08 (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
45-54	331.1	353.6	277.7	285.2	318.4	306.6	496.7	167.7	320.7
55-64	200.1	253.9	181.5	235.7	191.5	177.1	293.3	98.1	212.3
65 years and over	126.5	312.7	168.2	266.2	146.0	378.0	562.2	82.6	207.6
Total (a)	289.8	327.1	276.7	256.6	279.4	280.9	591.8	158.6	295.7

(a) Includes service contacts for which sex and/or age group was not reported.

(b) Rates were directly age-standardised, with the exception of age which is a crude rate, as detailed in Appendix 2 of *Mental health services in Australia 2007-08*.

Source: AIHW 2010, *Mental Health Services in Australia 2007-08*, Mental health series no. 12, Cat. no. HSE 88 (internet tables only).

Table 12A.44

Table 12A.44 Specialised mental health care reported, by Indigenous status, 2007-08

	Unit										Total
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT			
<i>Episodes of residential mental health care (a), (b)</i>											
Number											
Indigenous	no.	np	..	np	np	np	np	np	np	87	
Non-Indigenous	no.	np	..	np	np	np	np	np	np	2 962	
Not reported	no.	np	..	np	np	np	np	np	np	np	
Total	no.	305	1 498	240	192	907	75	5	5	3 222	
<i>Rate per 10 000 people (c)</i>											
Indigenous	per 10 000 people	np	..	np	np	np	np	np	np	1.9	
Non-Indigenous	per 10 000 people	np	..	np	np	np	np	np	np	1.4	
Rate ratio (d)		np	..	np	np	np	np	np	np	1.4	
Total	per 10 000 people	0.4	2.8	1.1	1.3	17.3	2.1	0.3	0.3	1.5	
<i>Community mental health service contacts (a)</i>											
Number											
Aboriginal	no.	154 648	25 248	81 047	27 339	19 616	4 399	10 788	326 456		
Torres Strait Islander	no.	3 088	1 516	7 942	98	248	24	37	12 994		
Both Aboriginal and Torres Strait Islander	no.	12 511	2 646	5 164	1 394	817	–	334	22 979		
Indigenous (b)	no.	170 247	29 410	94 153	28 831	20 681	4 423	11 159	362 429		
Neither Aboriginal nor Torres Strait Islander	no.	1 602 002	1 691 539	1 066 035	508 389	388 682	179 059	21 081	5 577 420		
Not reported	no.	300 191	15 507	2 369	17 338	47 579	23 985	3 906	434 418		
Total		2 072 440	1 736 456	1 162 557	554 558	456 942	207 467	36 146	6 374 267		
<i>Rate per 1000 people (c)</i>											
Indigenous	per 1 000 people	1 228	940.5	678.2	412.4	729.0	1077.2	172.0	735.7		
Non-Indigenous (e)	per 1 000 people	262.9	302.5	253.5	231.6	261.1	552.0	151.1	271.6		

Table 12A.44

Table 12A.44 Specialised mental health care reported, by Indigenous status, 2007-08

Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Rate ratio (d)	4.7	3.1	2.7	1.8	2.8	0.8	2.0	1.1	2.7
Total	289.8	327.1	276.7	256.6	279.4	280.9	591.8	158.6	295.7
<i>Admitted patient mental health-related separations with specialised psychiatric care (f), (g), (h), (i)</i>									
Indigenous									
Separations	no. 1 940	362	1 227	590	302	np	np	404	4 825
Separation rate (c)	14.1	11.9	9.3	8.3	11.3	np	np	5.9	11
Patient days	38 573	6 463	45 785	14 307	4 984	np	np	5 074	115 186
Psychiatric care days	37 795	6 351	45 011	14 171	4 984	np	np	5 050	113 362
Average length of stay (overnight)	no. 20.0	18.2	39.1	24.4	16.7	np	np	12.9	24.3
Non-Indigenous (e)									
Separations	no. 38 256	28 910	24 429	12 494	9 549	np	np	553	114 191
Separation rate (c)	5.8	5.5	6.1	6.1	6.1	np	np	4.2	5.8
Patient days	913 130	543 785	515 512	252 698	193 951	np	np	10 450	2 429 526
Psychiatric care days	894 529	542 856	510 027	249 693	193 951	np	np	10 393	2 401 449
Average length of stay (overnight)	no. 23.8	19.5	23.6	22.1	22.5	np	np	11.3	22.3
Rate ratio (d)	2.5	2.2	1.6	1.4	1.9	np	np	1.7	1.8

(a) National data for episodes of community residential care should be interpreted with caution due to the varying quality and completeness of Indigenous identification across jurisdictions. Data for community mental health contacts should be interpreted with caution. Across jurisdictions, the data quality and completeness of Indigenous identification varies or is unknown. Data were reported by the following states and territories to be of acceptable quality: Queensland, WA, Tasmania, the ACT and the NT.

(b) Queensland does not have any government-operated residential mental health services. Tasmanian information contains data for government-funded residential units operated by the non-government sector in that state, being the only jurisdiction providing this level of reporting.

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

Table 12A.44 **Specialised mental health care reported, by Indigenous status, 2007-08**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total	
(d)	The rate ratio is equal to the service use (episodes, contacts or separations) rate for Indigenous Australians divided by the service use rate for non-Indigenous Australians.										
(e)	Includes data for people where Indigenous status was missing or not reported.										
(f)	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.										
(g)	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.										
(h)	Includes only public hospital separations for the NT.										
(i)	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. Total includes data for these jurisdictions only.										
	– Nil or rounded to zero. np Not published. ... Not applicable.										

Source: AIHW 2010, *Mental Health Services in Australia 2007-08*, Mental health series no. 12, Cat. no. HSE 88 (publication and internet tables).

Table 12A.45

Table 12A.45 Available beds in specialised mental health services (a), (b)

	NSW	Vic	Qld (c)	WA (d)	SA	Tas (e)	ACT (f)	NT	Aust
<i>No. of beds</i>									
Public psychiatric hospitals									
2004-05	1 082	115	395	245	461	..	..	..	2 298
2005-06	1 072	116	375	245	455	..	..	..	2 263
2006-07	1 060	134	375	254	388	..	..	..	2 211
2007-08	1 024	154	376	245	357	..	..	..	2 156
2008-09	911	154	375	246	343	..	..	..	2 029
Public acute hospitals with psychiatric units or wards									
2004-05	1 053	1 070	1 029	398	172	130	50	32	3 934
2005-06	1 151	1 048	1 014	403	188	125	50	32	4 011
2006-07	1 227	1 050	1 022	415	247	126	70	34	4 191
2007-08	1 400	1 062	1 033	425	243	128	70	34	4 395
2008-09	1 542	1 064	1 029	432	233	130	63	34	4 527
Publicly funded community residential facilities									
2004-05	541	1 188	..	81	37	91	88	10	2 036
2005-06	440	1 319	..	80	43	174	80	10	2 146
2006-07	446	1 359	..	85	63	176	75	5	2 209
2007-08	260	1 404	..	130	71	176	77	5	2 123
2008-09	205	1 446	..	178	99	165	83	13	2 189
<i>Proportion of all beds in different settings (%)</i>									
Public psychiatric hospitals									
2004-05	40.4	4.8	27.7	33.8	68.8	..	..	..	27.8
2005-06	40.3	4.7	27.0	33.7	66.3	..	..	..	26.9
2006-07	38.8	5.3	26.8	33.7	55.6	..	..	..	25.7
2007-08	38.2	5.9	26.7	30.6	53.2	..	..	..	24.9
2008-09	34.3	5.8	26.7	28.7	50.8	..	..	..	23.2
Public acute hospitals with psychiatric units or wards									
2004-05	39.3	45.1	72.3	55.0	25.7	58.8	36.2	76.2	47.6
2005-06	43.2	42.2	73.0	55.4	27.4	41.8	38.5	76.2	47.6
2006-07	44.9	41.3	73.2	55.0	35.4	41.7	48.3	87.2	48.7
2007-08	52.2	40.5	73.3	53.1	36.2	42.1	47.6	87.2	50.7
2008-09	58.0	39.9	73.3	50.5	34.5	44.1	43.2	72.3	51.8
Publicly funded community residential facilities									
2004-05	20.2	50.1	..	11.2	5.5	41.2	63.8	23.8	24.6
2005-06	16.5	53.1	..	11.0	6.3	58.2	61.5	23.8	25.5
2006-07	16.3	53.4	..	11.3	9.0	58.3	51.7	12.8	25.7
2007-08	9.7	53.6	..	16.3	10.6	57.9	52.4	12.8	24.5
2008-09	7.7	54.3	..	20.8	14.7	55.9	56.8	27.7	25.0
<i>Beds per 100 000 people (g)</i>									
Public psychiatric hospitals									
2004-05	16.1	2.3	10.0	12.3	29.8	..	..	..	11.3

Table 12A.45

Table 12A.45 Available beds in specialised mental health services (a), (b)

	NSW	Vic	Qld (c)	WA (d)	SA	Tas (e)	ACT (f)	NT	Aust
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
2007-08	14.8	2.9	8.9	11.5	22.4	..	..	..	10.2
2008-09	12.9	2.9	8.6	11.2	21.3	..	..	..	9.4
Public acute hospitals with psychiatric units or wards									
2004-05	15.6	21.3	26.1	19.9	11.1	26.8	15.2	15.7	19.4
2005-06	17.0	20.6	25.1	19.8	12.1	25.6	15.0	15.4	19.5
2006-07	17.9	20.3	24.7	19.9	15.7	25.6	20.8	16.0	20.1
2007-08	20.2	20.2	24.4	19.9	15.3	25.8	20.5	15.6	20.8
2008-09	21.9	19.8	23.7	19.6	14.5	26.0	18.1	15.3	20.9
Publicly funded community residential facilities									
2004-05	8.0	23.7	..	4.1	2.4	18.8	26.8	4.9	10.1
2005-06	6.5	25.9	..	3.9	2.8	35.6	24.1	4.8	10.4
2006-07	6.5	26.3	..	4.1	4.0	35.8	22.3	2.4	10.6
2007-08	3.8	26.8	..	6.1	4.5	35.5	22.6	2.3	10.0
2008-09	2.9	27.0	..	8.1	6.1	33.0	23.9	5.9	10.1
Total									
2004-05	39.8	47.3	36.1	36.2	43.4	45.6	42.1	20.6	40.8
2005-06	39.2	48.8	34.3	35.7	44.0	61.2	39.1	20.2	41.0
2006-07	39.9	49.2	33.8	36.2	44.3	61.4	43.1	18.3	41.3
2007-08	38.7	49.9	33.3	37.5	42.2	61.3	43.1	17.9	41.0
2008-09	37.7	49.7	32.3	38.8	41.9	59.0	42.0	21.2	40.4

- (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. From 2005-06, 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, from 2005-06 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) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.
- (c) 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. In 2005-06, there was temporary closure of acute beds in one Queensland hospital and some transitional extended treatment beds were permanently closed. In addition, Queensland did not change the method for counting beds until 2007-08.
- (d) Beds numbers in WA include publicly funded mental health beds in private hospitals for all years. Bed numbers in WA from 2005-06 include emergency department observation beds in one hospital.

Table 12A.45 Available beds in specialised mental health services (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas (e)</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
(e)	In Tasmania, for 2005-06, non-government organisations' residential beds funded by government were 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.								
(f)	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.								
	.. Not applicable.								

Source: AIHW unpublished, *MHE NMDS*; State and Territory governments unpublished.

Table 12A.46

Table 12A.46 Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (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>
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
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	2.1	0.5	3.7
Social worker	5.2	8.7	6.8	8.4	12.4	4.0	7.4	2.4	7.2
Psychologist	8.4	7.7	7.6	7.1	5.4	5.5	22.0	5.8	7.8
Other allied health staff	5.1	3.3	2.8	5.7	3.5	5.9	4.1	8.2	4.2
Total	21.9	24.0	20.7	27.1	24.3	17.3	35.7	16.8	22.9
Total	93.5	99.9	85.0	110.1	107.4	96.7	90.3	70.5	95.9
2006-07									
Medical									
Consultant psychiatrist	5.5	4.6	4.5	4.8	5.7	4.5	3.9	3.9	5.0
Psychiatry registrar	5.3	4.4	5.5	4.8	6.0	2.8	4.5	4.0	5.1
Other medical officers	0.7	1.6	0.8	3.4	1.6	1.0	0.5	2.2	1.3

Table 12A.46

Table 12A.46 Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (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>
Total	11.5	10.6	10.9	12.9	13.3	8.4	8.9	10.0	11.3
Nursing									
Registered nursing	53.8	51.4	49.2	61.5	60.6	65.0	41.9	41.5	53.5
Non-registered	8.1	13.9	7.4	8.7	13.7	10.6	8.4	4.4	9.9
Total	61.9	65.3	56.6	70.2	74.2	75.6	50.4	46.0	63.4
Allied health									
Occupation therapist	3.2	4.7	3.4	6.3	3.6	3.0	1.8	0.5	3.9
Social worker	5.2	8.9	6.9	9.5	12.5	6.1	6.0	3.3	7.4
Psychologist	8.2	8.2	8.0	8.1	5.1	5.5	18.0	5.8	8.0
Other allied health staff	5.4	2.8	2.9	5.3	3.9	5.8	2.1	5.6	4.1
Total	22.0	24.5	21.2	29.2	25.1	20.3	27.9	15.3	23.4
Total	95.4	100.4	88.6	112.3	112.7	104.3	87.1	71.3	98.1
2007-08									
Medical									
Consultant psychiatrist	5.5	4.3	5.6	4.8	6.1	5.4	4.3	4.0	5.2
Psychiatry registrar	5.4	4.8	5.5	4.8	5.6	3.2	4.8	4.0	5.1
Other medical officers	0.8	2.1	0.9	3.6	2.8	0.2	0.4	2.3	1.6
Total	11.7	11.2	11.9	13.2	14.5	8.9	9.6	10.3	11.9
Nursing									
Registered nursing	55.7	50.6	51.3	61.2	63.2	59.2	41.0	42.5	54.4
Non-registered	8.6	14.3	8.1	8.9	14.8	11.0	8.7	4.2	10.4
Total	64.3	64.8	59.5	70.1	78.1	70.2	49.7	46.7	64.8
Allied health									
Occupation therapist	3.3	4.4	3.9	6.8	4.3	2.2	2.2	0.8	4.1
Social worker	4.6	8.9	7.5	9.6	14.2	5.6	6.9	3.8	7.5
Psychologist	8.7	7.4	9.4	7.5	6.9	5.0	14.4	5.8	8.2
Other allied health staff	5.6	3.3	3.0	5.7	4.3	5.9	0.2	6.1	4.3
Total	22.1	24.0	23.8	29.5	29.7	18.8	23.6	16.4	24.1
Total	98.2	100.1	95.1	112.8	122.3	97.8	82.9	73.4	100.8
2008-09									
Medical									
Consultant psychiatrist	6.0	4.2	5.6	5.3	6.0	4.7	5.9	5.8	5.4
Psychiatry registrar	6.0	5.1	5.8	4.7	7.0	2.8	4.7	4.4	5.5
Other medical officers	1.1	1.5	0.5	3.5	0.2	2.7	0.8	2.7	1.3
Total	13.1	10.8	11.9	13.5	13.2	10.1	11.3	12.8	12.3
Nursing									
Registered nursing	56.0	50.3	51.8	62.0	61.8	60.3	50.3	46.7	54.7
Non-registered	7.9	15.2	8.3	9.3	15.2	11.1	11.8	2.4	10.5
Total	63.9	65.6	60.1	71.3	76.9	71.4	62.1	49.1	65.3

Table 12A.46

Table 12A.46 Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (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>
Allied health									
Occupation therapist	3.9	4.6	4.4	6.8	4.2	3.3	4.1	1.0	4.4
Social worker	5.6	10.4	7.7	9.2	14.6	5.9	6.8	5.2	8.3
Psychologist	8.1	7.7	9.2	7.9	5.6	4.6	15.9	4.6	8.0
Other allied health staff	3.9	1.7	3.6	6.2	2.9	4.5	0.4	5.1	3.4
Total	21.5	24.4	24.8	30.1	27.3	18.4	27.2	15.8	24.1
Total	98.5	100.7	96.8	114.9	117.5	99.9	100.6	77.7	101.7

(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.47 as it does not include 'other personal care' direct care staff which are included in table 12A.47 totals. See section 12.7 for definitions.

(c) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

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

Table 12A.47

Table 12A.47 **Full time equivalent (FTE) direct care staff employed in specialised mental health services, by service setting (per 100 000 people) (a), (b), (c)**

	NSW	Vic	Qld (d)	WA	SA	Tas	ACT	NT	Aust
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	44.5	40.9	50.2	40.4	40.8
Community residential services	4.0	22.6	..	2.9	1.4	34.6	19.2	1.9	8.5
Total	95.3	102.7	89.6	114.5	108.3	124.2	94.8	72.8	99.3
2006-07									
Inpatient services	55.0	36.9	53.6	63.8	66.8	58.6	28.4	32.0	51.4
Ambulatory mental health services	38.4	44.2	39.9	49.6	46.0	40.2	50.8	41.0	42.1
Community residential services	4.3	21.6	..	3.2	1.4	32.3	16.5	1.4	8.2
Total	97.7	102.7	93.5	116.6	114.1	131.0	95.6	74.5	101.7
2007-08									
Inpatient services	57.2	37.2	56.1	64.0	69.8	56.5	28.6	31.8	52.9
Ambulatory mental health services	39.7	43.8	43.8	49.5	51.0	38.9	49.5	43.6	43.5
Community residential services	2.3	22.0	..	5.5	3.0	31.6	14.2	1.7	8.0
Total	99.2	103.0	99.9	119.0	123.7	126.9	92.3	77.1	104.4
2008-09									
Inpatient services	57.5	37.7	54.8	64.9	66.5	56.8	28.9	38.1	52.8
Ambulatory mental health services	40.0	44.2	46.1	49.7	50.7	41.1	62.9	42.9	44.5
Community residential services	1.9	21.7	..	6.4	4.9	30.3	17.0	6.1	8.0
Total	99.4	103.6	100.9	121.0	122.2	128.2	108.8	87.2	105.3

(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.46 as they include 'other personal care' direct care staff which are not included in table 12A.46 totals. See section 12.7 for definitions.

(c) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

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

.. Not applicable.

Table 12A.47 Full time equivalent (FTE) direct care staff employed in specialised mental health services, by service setting (per 100 000 people) (a), (b), (c)

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

Table 12A.48

Table 12A.48 Proportion of people receiving clinical mental health services by service type and Indigenous status

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	no.
	Age standardised proportion (%) (a)									
2007-08										
Public (b), (c)										
Indigenous	4.5	3.1	3.9	3.5	5.0	1.5	5.1	2.9	3.8	19 187
Non-Indigenous (d)	1.5	1.1	1.7	1.7	1.7	2.0	1.9	1.9	1.5	308 686
Private (e)										
Indigenous	na	na	na	na	na	na	na	..	na	na
Non-Indigenous (d)	na	na	na	na	na	na	na	..	na	na
MBS										
Indigenous	np	np	np	np	np	np	np	np	np	np
Non-Indigenous	np	np	np	np	np	np	np	np	np	np
2008-09										
Public (b), (c)										
Indigenous	4.7	3.2	3.8	3.8	5.7	1.3	5.6	3.1	4.0	20 616
Non-Indigenous (d)	1.6	1.1	1.6	1.8	1.9	1.9	2.0	1.9	1.5	315 680
Private (e)										
Indigenous	na	na	na	na	na	na	na	..	na	na
Non-Indigenous (d)	na	na	na	na	na	na	na	..	na	na
MBS (f)										
Indigenous	7.2	9.2	4.5	2.7	5.5	6.5	7.8	1.0	5.1	24 603
Non-Indigenous	5.9	6.4	5.3	4.9	5.6	5.0	4.6	2.7	5.7	1 200 337

(a) Rates are age-standardised to the Australian population as at 30 June 2001.

(b) The Indigenous status rates should be interpreted with caution due to the varying and, in some instances, unknown quality of Indigenous identification across jurisdictions.

Table 12A.48

Table 12A.48 Proportion of people receiving clinical mental health services by service type and Indigenous status

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
(c)	South Australia and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore caution needs to be taken when making interjurisdictional comparisons.								
(d)	Includes non-Indigenous people and those for whom Indigenous status was not stated.								
(e)	Indigenous information is not collected for private psychiatric hospitals.								
(f)	Medicare data presented by Indigenous status have been adjusted for under-identification in the Medicare Australia Voluntary Indigenous Identifier (VII) database. Indigenous rates are therefore modelled and should be interpreted with caution. These statistics are not derived from the total Australian Indigenous population, but from those Aboriginal and Torres Strait Islander people who have voluntarily identified as Indigenous to Medicare Australia. The statistics have been adjusted to reflect demographic characteristics of the overall Indigenous population, but this adjustment may not address all the differences in the service use patterns of the enrolled population relative to the total Indigenous population. The level of VII enrolment (50 per cent nationally as at August 2010) varies across age-sex-remoteness-State/Territory sub-groups and over time which means that the extent of adjustment required varies across jurisdictions and over time. Indigenous rates should also be interpreted with caution due to small population numbers in some jurisdictions.								

na Not available. .. Not applicable. np Not published.

Source: State and territory unpublished, community mental health care data; Private Mental Health Alliance unpublished; Centralised Data Management System data; Department of Health and Ageing unpublished, Medicare data; ABS 2009, *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 1991 to 2021*, 30 June 2008, Series B, Cat. no. 3238.0.

Table 12A.49

Table 12A.49 Proportion of people receiving clinical mental health services by service type and remoteness area (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	no.
2007-08										
Public (c), (d)										
Major cities	1.2	0.9	1.4	1.3	1.6	..	3.7	..	1.2	173 288
Inner regional	2.6	1.6	2.5	3.8	1.7	np	np	..	2.2	85 003
Outer regional	3.4	1.8	2.1	2.1	2.6	np	..	2.0	2.3	43 447
Remote	4.3	1.1	1.8	0.9	1.9	np	..	2.2	1.8	5 744
Very remote	12.5	..	3.8	5.3	2.1	np	..	2.1	3.7	6 297
Private (c), (e)										
Major cities	0.1	0.1	0.1	0.1	np	..	np	..	0.1	19 261
Inner regional	0.1	-	0.1	0.1	np	np	np	..	0.1	2 973
Outer regional	-	-	-	-	np	np	..	..	-	579
Remote	-	-	-	-	np	np	..	..	-	69
Very remote	-	..	-	-	np	np	..	..	-	30
MBS (c)										
Major cities	5.2	5.7	4.9	4.5	5.1	..	3.9	..	5.1	751 449
Inner regional	4.9	5.1	4.2	3.6	4.4	4.8	4.2	..	4.7	186 849
Outer regional	3.6	3.5	2.8	3.4	3.1	3.4	..	2.4	3.1	60 869
Remote	2.4	4.6	1.7	1.4	2.4	2.1	..	0.9	1.7	5 460
Very remote	2.4	..	1.1	0.7	2.6	5.4	..	1.2	1.2	2 000
2008-09										
Public (f)										
Major cities	1.2	0.9	1.4	1.3	1.8	..	1.9	..	1.2	180 087
Inner regional	2.6	1.5	2.3	4.0	1.9	np	np	..	2.1	85 135

Table 12A.49

Table 12A.49 Proportion of people receiving clinical mental health services by service type and remoteness area (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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(f) These data should be interpreted with caution as the methodology used to allocate remoteness varies across jurisdictions. Disaggregation by remoteness area is based on a person's usual residence, the location of the service provider or a combination of both. Due to system-related issues impacting data quality, Tasmania is unable to provide data by remoteness area. South Australia and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore caution needs to be taken when making jurisdictional comparisons.

.. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: State and territory unpublished, community mental health care data; Private Mental Health Alliance unpublished, Centralised Data Management System data; Department of Health and Ageing unpublished, Medicare data; ABS unpublished, Estimated Residential Population, 30 June.

Table 12A.50

Table 12A.50 Proportion of people receiving clinical mental health services by service type and SEIFA (a)

	Age standardised proportion (%) (b)										no.
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust		
2007-08											
Public (c), (d)											
Quintile 1 (most disadvantaged)	1.7	1.5	1.9	2.0	2.7	2.0	18.8	1.7	1.9	76 062	
Quintile 2	1.9	1.4	2.6	1.5	1.3	2.9	4.4	3.8	1.8	74 912	
Quintile 3	1.5	1.2	1.9	2.1	1.0	1.3	3.8	3.8	1.6	67 321	
Quintile 4	1.4	0.9	1.6	2.0	1.3	0.8	2.3	0.6	1.4	56 048	
Quintile 5 (least disadvantaged)	1.2	0.7	1.2	1.4	2.1	..	1.5	2.4	1.1	48 651	
Private (c), (e)											
Quintile 1 (most disadvantaged)	-	0.1	-	0.1	np	np	np	..	0.1	2 556	
Quintile 2	-	-	0.1	-	np	np	np	..	0.1	2 351	
Quintile 3	0.1	-	0.1	0.1	np	np	np	..	0.1	3 572	
Quintile 4	0.1	0.1	0.2	0.1	np	np	np	..	0.1	5 383	
Quintile 5 (least disadvantaged)	0.2	0.2	0.2	0.2	np	..	np	..	0.2	9 074	
MBS (c)											
Quintile 1 (most disadvantaged)	4.2	4.8	4.1	2.3	4.3	3.8	5.4	0.8	4.2	172 109	
Quintile 2	5.1	5.0	4.0	3.8	4.7	3.9	4.2	1.3	4.7	195 811	
Quintile 3	5.0	5.3	4.3	3.8	4.4	4.2	3.9	1.6	4.7	198 555	
Quintile 4	5.2	5.4	4.6	3.8	4.9	5.9	3.9	1.7	4.9	202 830	
Quintile 5 (least disadvantaged)	5.3	6.2	4.7	4.7	5.3	..	3.8	1.4	5.3	227 124	
2008-09											
Public (f)											
Quintile 1 (most disadvantaged)	1.9	1.5	1.6	2.2	2.6	np	14.4	1.5	1.7	71 838	
Quintile 2	1.9	1.3	2.6	1.5	1.4	np	4.7	6.2	1.8	77 478	
Quintile 3	1.5	1.2	2.2	2.1	1.2	np	3.9	4.0	1.7	71 007	
Quintile 4	1.4	0.8	1.3	2.0	0.9	np	2.4	0.6	1.2	51 637	

Table 12A.50

Table 12A.50 Proportion of people receiving clinical mental health services by service type and SEIFA (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Quintile 5 (least disadvantaged)	1.2	0.7	1.0	1.4	3.5	..	1.6	2.3	1.2
Private (c), (e)									
Quintile 1 (most disadvantaged)	–	0.1	–	0.1	np	np	np	..	–
Quintile 2	–	–	0.1	0.1	np	np	np	..	0.1
Quintile 3	0.1	0.1	0.1	0.1	np	np	np	..	0.1
Quintile 4	0.1	0.1	0.2	0.1	np	np	np	..	0.1
Quintile 5 (least disadvantaged)	0.2	0.2	0.2	0.2	np	..	np	..	0.2
MBS (c)									
Quintile 1 (most disadvantaged)	5.2	5.7	5.1	2.6	5.4	4.6	5.6	0.9	5.1
Quintile 2	6.0	6.0	4.9	4.6	5.8	4.6	4.9	2.5	5.7
Quintile 3	5.9	6.4	5.4	4.7	5.5	4.9	4.8	2.1	5.7
Quintile 4	5.9	6.4	5.5	4.4	5.6	6.6	4.8	2.1	5.7
Quintile 5 (least disadvantaged)	6.2	7.0	5.5	5.4	6.1	..	4.5	1.8	6.1

(a) Socio-Economic Indexes for Areas (SEIFA) quintiles are based on the ABS Index of Relative Socio-economic Disadvantage, with quintile 1 being the most disadvantaged and quintile 5 being the least disadvantaged. SEIFA quintiles represent approximately 20 per cent of the national population, but do not necessarily represent 20 per cent of the population in each State or Territory. Excludes contacts for which demographic information was missing and/or not reported.

(b) Rates are age-standardised to the Australian population as at 30 June 2001.

(c) Disaggregation by SEIFA is based on a person's usual residence, not the location of the service provider.

(d) SA and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore caution needs to be taken when making interjurisdictional comparisons.

(e) Private psychiatric hospital figures are not published for SA, Tasmania, and ACT due to confidentiality reasons but are included in the Australia figures.

Table 12A.50

Table 12A.50 Proportion of people receiving clinical mental health services by service type and SEIFA (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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(f) These data should be interpreted with caution as the methodology used to allocate SEIFA varies across jurisdictions. Disaggregation by SEIFA is based on a person's usual residence, the location of the service provider or a combination of both. Due to system-related issues impacting data quality, Tasmania was unable to provide data by SEIFA. South Australia and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore, caution needs to be taken when making jurisdictional comparisons.

.. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: State and territory unpublished, community mental health care data; Private Mental Health Alliance unpublished, Centralised Data Management System data; Department of Health and Ageing unpublished, Medicare data; ABS unpublished, Estimated Residential Population, 30 June.

Table 12A.51

Table 12A.51 Proportion of people receiving clinical mental health services by service type and age, 2008-09

	NSW	Vic	Q/ld	WA	SA	Tas	ACT	NT	Aust	no.
	Age specific proportion (%)									
Public (a)										
Less than 15 years	0.9	0.5	1.4	0.9	2.0	0.9	0.6	1.2	1.0	39 907
15-24 years	2.2	1.3	2.4	2.2	2.3	2.0	3.0	3.2	2.0	61 893
25-34 years	2.2	1.4	2.3	2.5	2.5	1.8	2.8	3.4	2.1	63 074
35-44 years	2.2	1.4	2.0	2.3	2.4	1.7	2.8	3.0	2.0	62 550
45-54 years	1.6	1.1	1.5	1.7	1.8	1.2	2.1	2.0	1.5	44 334
55-64 years	1.2	0.9	1.0	1.3	1.2	0.9	1.6	1.2	1.1	25 934
65+ years	1.2	1.2	1.2	2.0	1.1	1.2	2.2	1.3	1.3	35 817
All ages (b)	1.6	1.1	1.7	1.8	1.9	1.9	2.1	2.3	1.6	336 296
Private (c)										
Less than 15 years	—	—	—	—	—	—	—	..	—	—
15-24 years	0.1	0.1	0.1	0.1	np	np	np	..	0.1	2 333
25-34 years	0.1	0.1	0.1	0.1	np	np	np	..	0.1	3 821
35-44 years	0.2	0.2	0.2	0.2	np	np	np	..	0.2	5 007
45-54 years	0.2	0.2	0.2	0.2	np	np	np	..	0.2	4 816
55-64 years	0.2	0.2	0.2	0.2	np	np	np	..	0.2	4 707
65+ years	0.1	0.2	0.2	0.1	np	np	np	..	0.1	3 552
All ages (b)	0.1	0.1	0.1	0.1	np	np	np	..	0.1	24 348
MBS										
Less than 15 years	1.9	2.2	1.8	1.5	2.1	1.4	1.4	0.4	1.9	78 756
15-24 years	5.7	6.2	5.4	5.3	5.9	6.1	5.2	2.1	5.7	173 311
25-34 years	7.8	8.9	7.2	7.3	7.9	7.8	6.8	3.2	7.8	235 551

Table 12A.51

Table 12A.51 Proportion of people receiving clinical mental health services by service type and age, 2008-09

	NSW	Vic	Q/ld	WA	SA	Tas	ACT	NT	Aust
35-44 years	8.9	9.8	8.1	7.1	8.2	7.7	7.1	3.7	8.6
45-54 years	8.0	8.6	7.1	5.9	7.5	6.4	6.0	3.2	7.6
55-64 years	6.5	6.9	5.7	4.8	6.0	4.7	4.6	2.4	6.1
65+ years	3.7	3.7	3.1	2.7	3.0	2.1	2.5	1.4	3.4
All ages (b)	5.9	6.4	5.3	4.8	5.6	4.9	4.8	2.3	5.7

(a) South Australia and Tasmania submitted data that was not based on unique patient identifier or data matching approaches. Therefore caution needs to be taken when making interjurisdictional comparisons.

(b) Includes contacts where age was missing or not reported.

(c) Private psychiatric hospital figures are not published for SA, Tasmania, and the ACT due to confidentiality reasons but are included in the Australia figures.

.. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: State and territory unpublished, community mental health care data; Private Mental Health Alliance unpublished; Centralised Data Management System data; Department of Health and Ageing unpublished, Medicare data; ABS unpublished, *Estimated Residential Population, 30 June 2008*.

Table 12A.52

Table 12A.52 Community mental health service contacts provided by public sector community mental health services

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT	Aust	no.
Age standardised rate per 1000 population (b)										
2007-08										
Sex										
Males	355.0	350.7	301.1	245.4	306.0	266.6	562.7	178.5	327.9	3 407 402
Females	227.1	310.2	257.6	273.5	252.9	294.4	626.5	143.2	267.8	2 841 436
Indigenous status (c)										
Indigenous	1 231.3	942.6	678.6	412.4	729.1	193.9	1 077.4	172.1	736.8	362 429
Non-Indigenous (d)	284.0	327.2	266.1	256.5	286.7	305.1	592.8	157.1	293.6	6 011 838
Remoteness of residence (e)										
Major cities	252.3	304.4	277.4	278.3	308.0	..	576.8	..	285.7	4 164 097
Inner regional	380.4	414.6	301.1	222.6	160.2	306.7	np	..	343.9	1 340 584
Outer regional	341.5	425.5	254.6	212.5	198.4	229.3	..	175.1	273.6	520 190
Remote	446.2	400.2	224.5	230.6	164.4	227.0	..	193.9	233.4	72 893
Very remote	848.3	..	365.9	144.9	117.1	219.1	..	85.1	209.9	35 317
SEIFA of residence (f)										
1 (most disadvantaged)	299.2	453.4	381.1	283.9	364.7	282.2	np	134.5	351.5	1 431 701
2	362.3	377.2	303.8	283.5	311.6	220.3	945.9	169.2	342.4	1 393 252
3	284.9	369.8	290.5	270.6	222.0	266.3	946.2	299.7	304.3	1 290 545
4	227.1	273.7	250.4	244.5	213.7	315.0	710.6	140.0	258.2	1 068 000
5 (least disadvantaged)	219.9	229.4	171.3	235.7	146.8	..	498.1	58.8	227.0	971 510
Total (g)	303.6	330.6	279.6	262.3	295.3	300.4	598.0	160.9	304.1	6 374 267
Total number of contacts (g)	2 072 440	1 736 456	1 162 557	554 558	456 942	147 701	207 467	36 146	6 374 267	
2008-09										
Sex										
Males	336.5	332.0	243.3	259.9	341.8	330.1	586.0	190.0	311.5	3 303 010

Table 12A.52

Table 12A.52 Community mental health service contacts provided by public sector community mental health services

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT	Aust	
Females	228.5	298.1	206.5	295.0	294.7	334.1	673.7	145.2	262.0	2 833 759
Indigenous status (c)										
Indigenous	1 224.2	975.0	556.7	482.7	943.6	269.5	1 108.3	188.1	731.2	366 125
Non-Indigenous (d)	275.8	311.6	213.9	273.1	323.9	357.9	626.7	162.7	282.7	5 904 640
Remoteness of residence (e)										
Major cities	246.6	294.0	229.4	293.7	342.8	..	608.8	..	277.6	4 122 379
Inner regional	342.5	372.4	220.3	228.9	200.8	355.2	np	..	308.9	1 238 568
Outer regional	366.9	437.2	218.0	258.0	234.5	283.8	..	181.5	280.7	543 271
Remote	502.8	335.6	182.6	244.5	238.6	200.5	..	196.4	241.9	76 387
Very remote	np	..	229.2	174.6	202.2	17.8	..	92.8	192.1	33 694
SEIFA of residence (f)										
1 (most disadvantaged)	287.5	448.8	313.0	321.8	416.7	336.9	np	130.5	342.7	1 427 162
2	338.9	345.6	227.9	288.6	349.2	206.8	1 039.1	280.1	317.3	1 329 218
3	270.1	357.5	233.6	284.6	274.7	350.4	1 082.3	307.5	293.2	1 261 154
4	237.3	248.8	199.0	273.1	226.2	332.6	760.5	144.4	245.7	1 049 781
5 (least disadvantaged)	218.0	220.4	145.9	248.6	166.5	..	518.7	61.0	222.6	972 120
Total (g)	2 051 579	1 689 328	958 921	609 276	525 217	173 788	223 328	39 328	6 270 765	

Number of contacts

(a) The ACT rates of services should be interpreted with caution since ACT services include a relatively large number of services provided to interstate resident patients while the denominator used in deriving the rates is for ACT population only.

(b) Rates are age-standardised to the Australian population as at 30 June 2001.

(c) The Indigenous status rates should be interpreted with caution due to the varying, and in some instances unknown, quality of Indigenous identification across jurisdictions.

(d) Includes contacts where Indigenous status was missing or not reported.

Table 12A.52

Table 12A.52 Community mental health service contacts provided by public sector community mental health services

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT	Aust
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(e) Disaggregation by remoteness area is based on a person's usual residence, not the location of the service provider. Not all remoteness areas are represented in each state or territory.

(f) SEIFA quintiles are based on the ABS Index of Relative Socio-economic Disadvantage, with quintile 1 being the most disadvantaged and quintile 5 being the least disadvantaged. Disaggregation by SEIFA area is based on a person's usual residence, not the location of the service provider. SEIFA quintiles represent approximately 20 per cent of the national population, but do not necessarily represent 20 per cent of the population in each state or territory.

(g) Includes contacts where sex, Indigenous status, Statistical Local Area or postcode of residence was missing or not reported.
 .. Not applicable. **np** Not published.

Source: AIHW unpublished, National Community Mental Health Care Database; ABS unpublished, *Estimated Resident Population*, 30 June 2008; ABS 2009, *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 1991 to 2021*, 30 June 2008, Series B, Cat. no. 3238.0.

Table 12A.53

Table 12A.53 Community mental health service contacts provided by public sector community mental health services, by sex and age, 2008-09

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT	Aust	no.
Age specific rates per 1000 population										
Males										
Less than 15 years	78.1	111.7	156.3	154.6	229.0	188.2	249.3	73.1	126.3	267 584
15-24 years	342.3	341.9	268.9	234.2	319.4	312.5	892.6	240.8	322.6	503 538
25-34 years	634.3	566.6	415.8	385.8	575.3	501.3	976.5	395.5	544.8	823 738
35-44 years	568.6	499.2	340.3	355.0	527.4	429.7	795.3	270.8	476.9	738 736
45-54 years	391.9	349.5	233.5	272.1	373.9	361.2	441.1	163.6	333.7	489 420
55-64 years	217.2	250.2	146.1	204.1	190.5	260.0	303.1	112.9	208.6	251 004
65 years and over	134.5	244.9	118.4	219.3	127.3	262.3	429.8	77.0	173.1	222 465
All ages (b)	332.6	332.1	240.6	258.7	331.5	317.6	604.4	200.6	308.8	3 303 010
Females										
Less than 15 years	58.1	77.0	114.4	102.1	134.2	149.2	317.8	40.5	90.3	181 666
15-24 years	289.5	389.0	279.3	353.0	309.7	430.5	1 202.9	206.5	338.6	498 838
25-34 years	310.2	375.8	275.7	347.4	410.1	366.3	810.9	233.3	339.8	507 981
35-44 years	340.3	392.6	263.0	369.2	452.2	424.6	709.7	225.6	355.7	558 794
45-54 years	282.1	341.1	216.1	346.6	343.0	334.0	562.9	157.6	299.4	447 706
55-64 years	188.1	262.0	147.8	271.8	246.6	241.7	407.4	139.9	215.7	261 152
65 years and over	168.5	331.6	155.1	354.1	191.7	492.6	734.0	42.5	241.5	373 305
All ages (b)	227.6	302.4	204.6	297.0	288.5	341.8	678.9	154.3	262.3	2 833 759
Persons (c)										
Less than 15 years	68.5	94.8	136.0	129.2	182.6	169.3	283.0	57.4	108.8	449 410
15-24 years	316.8	364.7	274.0	291.3	314.7	370.1	1 045.2	224.4	330.5	1 002 714
25-34 years	472.5	471.6	346.2	367.2	493.8	432.6	896.7	315.3	443.1	1 332 380
35-44 years	454.2	445.3	301.3	362.0	489.8	428.2	754.4	248.9	416.3	1 298 834

Table 12A.53

Table 12A.53 Community mental health service contacts provided by public sector community mental health services, by sex and age, 2008-09

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT	Aust	
45-54 years	337.5	345.2	224.7	309.2	358.3	347.9	505.7	160.7	316.7	938 285
55-64 years	202.9	256.2	147.0	237.4	219.1	250.8	356.8	125.1	212.3	512 435
65 years and over	153.5	292.7	138.0	291.7	163.2	387.9	600.9	60.9	210.6	596 270
All ages (b)	292.5	317.1	222.6	279.9	327.4	349.0	644.9	178.4	291.7	6 270 765
	Number of contacts									
Males (b)	1 156 291	876 648	517 871	285 039	262 412	78 015	103 779	22 955	3 303 010	
Females (b)	805 354	812 501	441 009	319 368	234 382	86 247	118 527	16 371	2 833 759	
Total (c)	2 051 579	1 689 328	958 921	609 276	525 217	173 788	223 328	39 328	6 270 765	

(a) The ACT rates of services should be interpreted with caution since ACT services include a relatively large number of services provided to interstate resident patients while the denominator used in deriving the rates is for ACT population only.

(b) Includes contacts where age was missing or not reported.

(c) Includes contacts where sex was missing or not reported.

Source: AIHW unpublished, National Community Mental Health Care Database; ABS unpublished, Estimated Resident Population, 30 June 2008.

Table 12A.54

Table 12A.54 Rate of ambulatory mental health services provided, by MBS service stream (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	no.
Age standardised rate per 1000 population (a)										
2008-09										
Psychiatrist (c)	85.2	117.6	82.7	58.4	105.3	85.5	55.7	19.1	90.4	1 967 222
Clinical psychologist (d)	43.1	42.9	26.2	66.4	49.9	61.0	39.9	7.9	42.5	904 835
GP (e)	77.1	84.5	69.4	63.8	72.5	61.0	53.7	30.0	74.5	1 600 063
Other allied health (f)	82.8	114.5	78.9	40.4	45.5	55.8	73.2	22.2	81.3	1 734 728
Total	288.2	359.4	257.2	229.0	273.3	263.3	222.5	79.3	288.6	6 206 848
2009-10										
Service stream										
Psychiatrist (c)	84.8	114.0	82.9	59.6	103.2	85.2	52.9	18.8	89.3	1 983 481
Clinical psychologist (d)	48.9	51.4	33.5	74.6	61.9	69.2	48.4	11.3	50.0	1 087 169
GP (e)	84.5	94.2	78.3	69.3	81.5	68.8	59.4	34.9	82.5	1 809 955
Other allied health (f)	97.3	132.7	96.3	47.7	53.8	67.5	82.0	28.3	95.9	2 082 807
Total	315.5	392.3	291.0	251.3	300.3	290.7	242.7	93.4	317.7	6 963 412

(a) Rates are age-standardised to the Australian population as at 30 June 2001.

(b) Disaggregation by State and Territory is based on the patient's postcode at the date their last service was processed in the reference period. This is not necessarily the location where the service was received.

(c) Psychiatrist services: MBS items 134, 136, 138, 140, 142, 289, 291, 293, 296, 297, 299, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 319, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 342, 344, 346, 348, 350, 352, 353, 355, 356, 357, 358, 359, 361, 364, 366, 367, 369, 370, 855, 857, 858, 861, 864, 866, 14224.

(d) Clinical psychologist services: MBS items 80000, 80005, 80010, 80015, 80020.

(e) GP services: MBS items 170, 171, 172, 2574, 2575, 2577, 2578, 2702, 2704, 2705, 2707, 2708, 2710, 2712, 2713, 2721, 2723, 2725, 2727.

(f) Other allied health services: MBS items 10956, 10968, 80100, 80105, 80110, 80115, 80120, 80125, 80130, 80135, 80140, 80145, 80150, 80155, 80160, 80165, 80170, 81325, 81355, 82000, 82015.

Source: Department of Health and Ageing unpublished, Medicare data; ABS unpublished, *Estimated Residential Population, 30 June 2008/2009*.

Table 12A.55

Table 12A.55 Rate of ambulatory mental health services provided, by sex, Indigenous status, remoteness and SEIFA (a), (b)

	NSW	Vic	Q/d	WA	SA	Tas	ACT	NT	Aust	no.
Age standardised rate per 1000 population (a)										
2008-09										
Sex										
Males	218.4	257.1	181.4	155.7	202.8	176.3	152.4	55.9	209.0	2 238 841
Females	357.0	460.3	332.6	304.7	343.1	347.9	291.4	104.6	367.7	3 968 007
Indigenous status (c)										
Indigenous	265.3	361.1	156.8	72.8	181.0	254.3	332.0	23.4	179.5	83 226
Non-Indigenous	288.4	359.2	260.4	234.1	274.3	264.1	221.8	99.9	291.0	6 123 622
Remoteness of residence (d)										
Major cities	315.8	396.0	309.9	268.1	315.0	..	222.5	..	329.2	4 897 523
Inner regional	238.8	271.6	227.7	165.6	221.4	315.9	238.3	..	244.7	1 000 926
Outer regional	151.9	158.2	134.2	149.5	117.1	169.3	..	109.9	141.4	279 740
Remote	69.8	214.3	71.4	52.0	106.6	103.2	..	38.7	67.5	21 650
Very remote	98.1	..	37.9	25.8	57.3	204.7	..	41.8	40.8	6 770
SEIFA of residence (e)										
1 (most disadvantaged)	207.7	274.9	220.8	91.7	220.9	203.5	181.3	27.8	217.8	915 709
2	257.0	278.1	215.2	209.5	267.9	198.2	229.0	87.1	249.7	1 057 954
3	293.1	340.5	250.2	206.5	278.2	290.5	220.9	77.5	279.4	1 205 654
4	311.9	371.8	279.9	207.3	292.9	444.0	223.0	70.8	305.5	1 317 242
5 (least disadvantaged)	375.2	472.4	310.1	296.4	356.6	..	218.3	60.6	370.7	1 634 326
2009-10										
Sex										
Males	239.6	282.0	208.4	172.5	223.3	196.3	168.9	64.7	231.4	2 525 485
Females	390.4	501.1	373.2	333.2	376.7	382.7	315.6	124.2	403.6	4 437 927

Table 12A.55

Table 12A.55 Rate of ambulatory mental health services provided, by sex, Indigenous status, remoteness and SEIFA (a), (b)

	NSW	Vic	Q/d	WA	SA	Tas	ACT	NT	Aust	
Indigenous status (c)										
Indigenous	299.2	394.4	176.5	88.8	192.1	305.7	325.3	31.5	202.5	98 728
Non-Indigenous	315.6	391.9	294.9	256.7	301.5	290.7	242.1	116.2	320.3	6 864 684
Remoteness of residence (d)										
Major cities	342.9	428.3	348.0	292.2	340.9	..	242.6	..	359.1	5 444 170
Inner regional	269.5	308.1	257.6	187.1	265.3	345.1	254.5	..	276.3	1 154 736
Outer regional	173.2	184.2	161.2	167.2	139.2	195.7	..	124.4	164.3	330 646
Remote	63.6	198.5	80.0	64.5	132.0	101.8	..	50.1	77.8	25 136
Very remote	119.3	..	49.0	32.8	56.4	162.9	..	55.4	49.0	8 341
SEIFA of residence (e)										
1 (most disadvantaged)	233.5	309.6	250.0	109.5	251.1	230.0	205.7	34.9	245.8	1 049 234
2	285.7	315.3	246.1	233.9	300.8	206.3	258.6	102.4	280.2	1 209 159
3	321.0	378.8	287.3	227.6	294.7	314.2	238.4	91.6	309.8	1 366 144
4	338.6	405.8	317.4	230.8	313.0	481.1	244.8	84.5	335.9	1 481 016
5 (least disadvantaged)	401.7	493.1	342.2	315.5	387.2	..	236.3	69.1	395.3	1 772 265

(a) Rates are age-standardised to the Australian population as at 30 June 2001.

(b) Disaggregation by State/Territory, remoteness area and SEIFA is based on the patient's postcode at the date their last service was processed in the reference period. This is not necessarily the location where the service was received.

(c) Medicare data presented by Indigenous status have been adjusted for under-identification in the Medicare Australia Voluntary Indigenous Identifier (VII) database. Indigenous rates are therefore modelled and should be interpreted with caution. These statistics are not derived from the total Australian Indigenous population, but from those Aboriginal and Torres Strait Islander people who have voluntarily identified as Indigenous to Medicare Australia. The statistics have been adjusted to reflect demographic characteristics of the overall Indigenous population, but this adjustment may not address all the differences in the service use patterns of the enrolled population relative to the total Indigenous population. The level of VII enrolment (50 per cent nationally as at August 2010) varies across age-sex-remoteness-State/Territory sub-groups and over time which means that the extent of adjustment required varies across jurisdictions and over time. Indigenous rates should also be interpreted with caution due to small population numbers in some jurisdictions.

Table 12A.55

Table 12A.55 Rate of ambulatory mental health services provided, by sex, Indigenous status, remoteness and SEIFA (a), (b)

	NSW	Vic	Q/d	WA	SA	Tas	ACT	NT	Aust
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(d) Disaggregation by remoteness area is based on a person's usual residence, not the location of the service provider. Not all remoteness areas are represented in each State or Territory.

(e) SEIFA quintiles are based on the ABS Index of Relative Socio-economic Disadvantage, with quintile 1 being the most disadvantaged and quintile 5 being the least disadvantaged. SEIFA quintiles represent approximately 20 per cent of the national population, but do not necessarily represent 20 per cent of the population in each State or Territory.

.. Not applicable.

Source: Department of Health and Ageing unpublished, Medicare data; ABS unpublished, *Estimated Residential Population, 30 June 2008/2009*; ABS 2009, *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 1991 to 2021*, 30 June 2008/2009, Series B, Cat. no. 3238.0.

Table 12A.56

Table 12A.56 Rate of ambulatory mental health services provided, by age and sex, 2009-10 (a)

	NSW	Vic	Q/d	WA	SA	Tas	ACT	NT	Aust	no.
Age-specific rates per 1000 population										
Males										
Less than 15 years	121.5	153.0	114.6	90.6	140.3	87.6	89.0	29.2	123.2	264 714
15-24 years	198.5	227.9	179.5	171.3	194.6	192.4	166.0	56.2	196.5	314 888
25-34 years	284.3	342.3	243.2	231.9	272.2	273.2	232.6	72.6	280.5	439 103
35-44 years	371.9	434.0	312.7	251.3	311.7	307.5	229.2	103.3	351.3	549 103
45-54 years	339.8	393.6	292.7	219.0	297.9	260.5	249.1	94.2	321.6	479 573
55-64 years	275.3	320.1	235.9	177.7	267.4	199.1	151.6	79.2	261.7	322 296
65 and over	122.8	138.3	109.1	87.0	107.7	79.1	74.6	36.1	117.3	155 808
All ages (b)	238.5	281.6	207.7	174.1	222.5	190.2	173.1	66.2	231.0	2 525 485
Females										
Less than 15 years	81.4	106.7	79.5	66.1	80.4	69.5	57.8	18.2	84.0	171 311
15-24 years	378.4	471.1	352.0	358.3	368.9	422.5	343.0	100.1	390.6	589 631
25-34 years	521.0	683.5	506.0	491.1	527.3	562.3	459.0	169.4	551.8	850 102
35-44 years	632.0	825.2	602.0	534.4	571.3	615.9	512.4	210.4	653.6	1 034 541
45-54 years	575.5	735.5	540.8	460.8	556.9	545.4	437.8	180.9	587.8	893 623
55-64 years	457.3	570.2	444.5	354.9	455.7	405.6	342.2	150.1	466.8	580 645
65 and over	195.5	244.6	194.2	151.9	183.9	148.8	137.8	86.7	200.5	318 071
All ages (b)	388.5	501.7	372.0	334.0	372.3	369.7	326.2	125.2	402.6	4 437 927
Persons										
Less than 15 years	101.9	130.5	97.5	78.7	111.0	78.8	73.7	23.9	104.1	436 025
15-24 years	285.9	345.4	263.8	261.0	279.6	304.5	251.4	77.0	290.7	904 519
25-34 years	402.6	511.7	373.7	356.8	398.0	420.3	344.4	120.5	415.1	1 289 205
35-44 years	503.3	632.0	458.3	390.5	441.6	465.8	372.2	155.4	503.4	1 583 644
45-54 years	459.1	566.7	418.0	339.0	428.7	405.2	346.0	136.0	456.0	1 373 196

Table 12A.56

Table 12A.56 **Rate of ambulatory mental health services provided, by age and sex, 2009-10 (a)**

	NSW	Vic	Q/d	WA	SA	Tas	ACT	NT	Aust
55-64 years	366.9	447.2	339.7	264.8	363.6	303.3	248.8	111.6	364.7
65 and over	162.6	196.6	154.4	121.7	150.0	116.9	109.3	59.7	162.6
All ages (b)	314.1	392.5	289.8	252.9	298.3	281.2	250.1	94.6	317.2

(a) Disaggregation by State/Territory is based on the patient's postcode at the date their last service was processed in the reference period. This is not necessarily the location where the service was received.

(b) Includes contacts where age was missing or not reported.

Source: Department of Health and Ageing unpublished, Medicare data; ABS unpublished, Estimated Residential Population, 30 June 2009.

Table 12A.57

Table 12A.57 Specialised public mental health services reviewed against National Standards for Mental Health Services, 30 June (a), (b)

	<i>NSW</i>	<i>Vic (c), (d)</i>	<i>Qld (e)</i>	<i>WA (c), (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT</i>	<i>NT (c)</i>
Number of services assessed at level 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
2008	442	299	98	11	58	13	16	2
2009	535	301	107	17	53	12	16	2
Number of services assessed at level 2								
2005	3	–	8	4	3	–	–	1
2006	4	–	2	3	4	5	–	–
2007	5	–	1	14	2	2	–	–
2008	12	–	5	12	2	–	–	–
2009	17	–	3	11	2	3	–	–
Number of services assessed at level 3								
2005	na	–	na	na	na	na	na	–
2006	na	–	na	12	na	na	–	–
2007	na	na	na	5	na	na	–	–
2008	na	–	na	11	na	na	–	–
2009	56	–	4	5	56	9	–	–
Number of services assessed at level 4								
2005	na	–	na	na	na	na	na	–
2006	na	–	na	–	na	na	–	–
2007	na	na	na	–	na	na	–	–
2008	na	–	na	1	na	na	–	–
2009	7	–	4	2	6	2	–	–
Number of specialised public mental health services								
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
2008	514	299	118	35	114	33	16	2
2009	615	301	118	35	117	26	16	2
Per cent of services assessed at level 1								
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
2008	86.0	100.0	83.1	31.4	50.9	39.4	100.0	100.0
2009	87.0	100.0	90.7	48.6	45.3	46.2	100.0	100.0
Per cent of services assessed at level 2								
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	–	–

Table 12A.57

Table 12A.57 **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 (g)	Tas (h)	ACT	NT (c)
2008	2.3	–	4.2	34.3	1.8	–	–	–
2009	2.8	–	2.5	31.4	1.7	11.5	–	–
Per cent of services assessed at level 3								
2005	na	–	na	na	na	na	na	–
2006	na	–	na	38.7	na	na	–	–
2007	na	na	na	14.7	na	na	–	–
2008	na	–	na	31.4	na	na	–	–
2009	9.1	–	3.4	14.3	47.9	34.6	–	–
Per cent of services assessed at level 4								
2005	na	–	na	na	na	na	na	–
2006	na	–	na	–	na	na	–	–
2007	na	na	na	–	na	na	–	–
2008	na	–	na	2.9	na	na	–	–
2009	1.1	–	3.4	5.7	5.1	7.7	–	–

- (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, Victoria in 2008, Qld, SA, Tas and ACT report at the service unit level.
- (c) Data for Victoria from 2005 to 2007, WA and the NT are reported at the organisation level.
- (d) In Victoria, two agencies did not report 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 (this is not reflected in the data provided by Victoria). Number of service units excludes aged residential and non-government organisations.
- (e) Queensland data are reported at the hospital/service unit cluster level.
- (f) Data for WA include public sector services only.
- (g) For SA, for June 2009 data, accreditation was delayed for nearly all of one Region's mental health service units, constituting 47 per cent of all the State's service units. These services were subsequently assessed at level 1 in 2009-10.
- (h) For Tasmania, non-government organisations reported in the MHE NMDS are not counted as public mental health services.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments unpublished.

Table 12A.58

Table 12A.58 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>									
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	43.3	51.3	45.1	62.4	79.2	60.4	50.7
2006-07	43.7	63.3	48.1	52.0	45.6	59.3	73.3	65.7	51.5
2007-08	45.7	62.6	49.1	53.1	47.9	57.8	71.5	64.0	52.3
2008-09	44.8	62.7	51.8	53.6	49.9	57.7	72.6	62.6	52.7
<i>Acute patient days in public acute hospitals as a proportion of total acute inpatient bed days in public acute and psychiatric hospitals</i>									
2004-05	75.4	93.8	100.0	76.2	51.3	100.0	100.0	100.0	83.1
2005-06	74.6	93.8	100.0	71.7	53.4	100.0	100.0	100.0	82.2
2006-07	75.9	93.7	100.0	71.6	63.5	100.0	100.0	100.0	83.3
2007-08	77.8	92.9	100.0	67.5	69.0	100.0	100.0	100.0	83.6
2008-09	84.6	90.5	100.0	67.3	67.9	100.0	100.0	100.0	85.5

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

(b) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

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

(d) Recurrent expenditure exclude indirect and aged care residential expenditure.

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

Table 12A.59

Table 12A.59 **Consumer and carer participation (a), (b), (c)**

	NSW (d)	Vic (e)	Qld	WA (f)	SA	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)									
2004-05	50.0	52.9	54.1	33.3	45.9	–	100.0	100.0	49.8
2005-06	46.1	57.6	51.4	35.3	61.1	–	100.0	66.7	49.8
2006-07	68.2	69.7	51.4	31.6	57.1	–	100.0	100.0	59.6
2007-08	61.1	54.5	69.6	35.0	48.6	42.9	100.0	100.0	57.0
2008-09	72.1	66.7	73.9	36.8	73.9	30.0	100.0	100.0	67.0
Specific mental health consumer advisory group to advise on some but not all aspects of service delivery (level 2)									
2004-05	8.1	25.5	13.5	38.1	8.1	33.3	–	–	15.7
2005-06	4.5	15.2	8.1	29.4	5.6	14.3	–	–	8.9
2006-07	2.3	3.0	8.1	15.8	14.3	14.3	–	–	6.7
2007-08	1.1	6.1	4.3	40.0	11.4	–	–	–	7.5
2008-09	–	6.1	4.3	42.1	8.7	–	–	–	6.5
Mental health consumers participate on broadly-based committees (level 3)									
2004-05	20.3	7.8	16.2	9.5	27.0	66.7	–	–	17.0
2005-06	32.6	9.1	13.5	17.6	11.1	28.6	–	33.3	20.9
2006-07	10.2	15.2	10.8	47.4	5.7	85.7	–	–	15.6
2007-08	11.1	12.1	4.3	5.0	11.4	57.1	–	–	11.2
2008-09	16.3	6.1	4.3	5.3	4.3	70.0	–	–	13.0
Minimal/no arrangements (level 4)									
2004-05	21.6	13.7	16.2	19.0	18.9	–	–	–	17.5
2005-06	16.9	18.2	27.0	17.6	22.2	57.1	–	–	20.4
2006-07	19.3	12.1	29.7	5.3	22.9	–	–	–	18.2
2007-08	26.7	27.3	21.7	20.0	28.6	–	–	–	24.3
2008-09	11.6	21.2	17.4	15.8	13.0	–	–	–	13.5
Number of organisations reporting									
2004-05	74	51	37	21	37	3	3	3	229
2005-06	89	33	37	17	36	7	3	3	225
2006-07	88	33	37	19	35	7	3	3	225
2007-08	90	33	23	20	35	7	3	3	214
2008-09	86	33	23	19	23	10	3	3	200
<i>Number of consumer and carer consultants</i>									
Number of paid carer consultants (FTE)									
2004-05	2.0	na	1.0	–	–	–	–	–	3.0
2005-06	2.7	11.7	0.4	–	–	–	–	–	14.8
2006-07	8.6	13.6	0.9	–	–	–	–	–	23.1
2007-08	7.0	15.5	1.5	0.8	1.8	–	–	–	26.6
2008-09	10.3	14.3	2.7	0.5	2.4	0.5	–	–	30.6
Number of paid consumer consultants (FTE)									
2004-05	16.0	na	8.0	–	3.9	–	–	–	27.9

Table 12A.59

Table 12A.59 Consumer and carer participation (a), (b), (c)

	NSW (d)	Vic (e)	Qld	WA (f)	SA	Tas	ACT	NT (g)	Aust
2005-06	27.3	19.6	9.8	0.5	2.8	–	1.3	–	61.3
2006-07	24.8	19.0	10.3	0.8	2.1	–	–	–	57.0
2007-08	27.9	20.0	9.7	1.2	4.7	–	–	–	63.5
2008-09	23.5	17.1	13.6	3.6	6.3	0.5	–	–	64.6
Number of paid clinicians (FTE)									
2004-05	5 985.2	4 877.8	3 273.0	na	1 643.0	na	na	157.9	15 936.9
2005-06	6 344.2	5 081.7	3 435.9	2 243.2	1 674.1	472.5	300.2	146.9	19 698.7
2006-07	6 537.5	5 186.7	3 661.6	2 336.6	1 775.2	512.9	293.1	151.5	20 455.1
2007-08	6 803.6	5 249.6	4 023.1	2 404.1	1 946.7	485.0	282.5	159.7	21 354.3
2008-09	6 938.5	5 403.1	4 212.1	2 533.2	1 893.4	499.9	350.0	172.3	22 002.5
Paid carer consultants (FTE) per 10 000 clinicians (FTE)									
2004-05	3.3	na	3.1	na	–	na	na	–	1.9
2005-06	4.3	23.0	1.2	–	–	–	–	–	0.8
2006-07	13.2	26.2	2.5	–	–	–	–	–	11.3
2007-08	10.2	29.5	3.7	3.2	9.5	–	–	–	12.4
2008-09	14.8	26.5	6.3	2.0	12.5	10.2	–	–	13.9
Paid consumer consultants (FTE) per 10 000 clinicians (FTE)									
2004-05	26.7	na	24.4	na	23.8	na	na	–	17.5
2005-06	43.0	38.6	28.5	2.2	16.7	–	43.3	–	31.1
2006-07	37.9	36.6	28.1	3.4	11.8	–	–	–	27.9
2007-08	40.9	38.1	24.1	5.1	24.2	0.6	–	–	29.7
2008-09	33.9	31.6	32.3	14.3	33.3	10.2	–	–	29.4

(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) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(d) NSW advised that the government has no authority to require consumer participation in services delivered through the primary care program.

(e) Victoria advised that in years prior to 2005-06 its model of consumer consultants fits poorly with the Australian Health Care Agreement 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.

(f) WA data have been provided by the WA Government for the years 2006-07 to 2008-09. WA have 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. Data for consumer arrangements are for public sector services only.

(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.60 Specialised mental health services that have introduced routine consumer outcome measurement (per cent) (a)

	<i>NSW</i> (b)	<i>Vic</i> (c)	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i> (d), (e)	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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
June 2008	100.0	100.0	100.0	100.0	87.5	96.0	100.0	100.0	97.7
June 2009	100.0	100.0	100.0	100.0	88.5	96.0	100.0	100.0	97.9

- (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.
- (b) Data for this indicator are provided at aggregate Area Health Service level. The Areas included are: Justice Health, Children's Hospital Westmead, Sydney South West, South Eastern Sydney Illawarra, Sydney West, Northern Sydney Central Coast, Hunter New England, North Coast, Greater Southern and Greater Western.
- (c) For Victoria, the number of service units that were used to derive these proportions exclude aged residential and non-government organisations.
- (d) For Tasmania, units excluded from the count of mental health services that were used to derive these proportions are the Helpline Service and NGO residential services.
- (e) For Tasmania, while routine consumer outcome measures have been introduced to service units not all services are reporting outcome measures.

Source: State and Territory governments unpublished.

Table 12A.61 Specialised public mental health services episodes with completed consumer outcomes measures collected, 2007-08 (a)

<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (b)</i>	<i>NT</i>
Group A: People in ongoing community care (c)								
no.	5 530	7 418	7 249	2 958	3 707	748	164	383
%	13.0	19.0	30.0	21.0	35.0	27.0	7.0	22.0
Group B: People discharged from community care (d)								
no.	1 935	4 781	6 425	1 260	1 600	380	–	57
%	8.0	32.0	46.0	15.0	26.0	23.0	–	5.0
Group C: People discharged from hospital (e)								
no.	7 126	7 029	6 438	3 027	3 681	403	66	182
%	22.0	39.0	33.0	35.0	40.0	12.0	6.0	18.0

- (a) These data were prepared by the Australian Mental Health Outcomes and Classification Network, using data submitted by State and Territory governments to the Australian Government DoHA. To be counted as an episode for which consumer outcome measures are collected, data needs to be completed correctly (a specified minimum number of items completed) and have a 'matching pair' — that is, a beginning and end rating are needed to enable an outcome score to be determined.
- (b) For the ACT, due to a technical issue, the proportion of matched pairs for people in a community episode of care was below the statistical threshold for a meaningful comparison
- (c) Group A covers people receiving relatively long term community care from a state/territory mental health service. It includes people who were receiving care for the whole of 2007-08, and those who commenced community care sometime after 1 July 2007 who continued under care for the rest of the year. The defining characteristic of the group is that all remained in ongoing care when the year ended (30 June 2008). Outcome scores were calculated as the difference between the total score recorded on the first occasion rated and the last occasion rated in the year.
- (d) Group B covers people who received relatively short term community care from a state/territory mental health service during the 2007-08 year. The defining characteristic of the group is that the episode of community care commenced, and was completed, within the year. Outcome scores were calculated as the difference between the total score recorded at admission to, and discharge, from community care. A subgroup of people whose episode of community care completed because they were admitted to hospital is not included in this analysis.
- (e) Group C covers people who received a discrete episode of inpatient care within a state/territory designated psychiatric inpatient unit during the 2007-08 year. The defining characteristic of the group is that the episode of inpatient care commenced, and was completed, within the year. Outcome scores were calculated as the difference between the total score recorded at admission and discharge. The analysis excludes episodes where length of stay was 3 days or less because it is not meaningful to compare admission and discharge ratings for short duration episodes.

Source: AHMC 2011, *Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2008-09*, Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council (unpublished).

Table 12A.62

Table 12A.62 Rates of community follow up for people within the first 7 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.	11 250	9 379	6 777	3 393	1 518	na	762	200	33 279
Overnight separations from psychiatric inpatient services	no.	27 115	16 059	14 805	6 941	5 700	1 691	1 055	971	74 337
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	41.5	58.4	45.8	48.9	26.6	na	72.2	20.6	44.8
2006-07										
Overnight separations with community mental health contact recorded in the 7 days following separation	no.	10 346	9 847	7 237	3 494	2 047	313	704	163	34 151
Overnight separations from psychiatric inpatient services	no.	29 059	16 775	14 573	6 835	6 027	1 751	943	864	76 827
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	35.6	58.7	49.7	51.1	34.0	17.9	74.7	18.9	44.5
2007-08										
Overnight separations with community mental health contact recorded in the 7 days following separation	no.	10 199	10 396	7 456	3 510	2 289	357	793	141	35 141
Overnight separations from psychiatric inpatient services	no.	29 866	17 735	14 469	6 580	5 678	1 608	1 038	830	77 804

Table 12A.62

Table 12A.62 Rates of community follow up for people within the first 7 days of discharge from hospital (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	34.1	58.6	51.5	53.3	40.3	22.2	76.4	17.0	45.2
2008-09										
Overnight separations with community mental health contact recorded in the 7 days following separation	no.	7 310	8 153	4 710	2 625	1 909	427	658	122	25 914
Overnight separations from psychiatric inpatient services	no.	22 102	13 634	10 521	4 758	4 185	1 467	914	591	58 172
Overnight separations from psychiatric inpatient services with community mental health contact recorded in the 7 days following separation	%	33.1	59.8	44.8	55.2	45.6	29.1	72.0	20.6	44.5

(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, 2006-07 and 2007-08 are for the full year, but data for 2008-09 are based on the first 9 months of the year. For all jurisdictions, data for 2007-08 have been revised.

(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.

Table 12A.62

Table 12A.62 Rates of community follow up for people within the first 7 days of discharge from hospital (a), (b), (c), (d), (e)

	Unit									
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	

(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. Two jurisdictions — 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 2011, Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2008-09, Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council (unpublished).

Table 12A.63

Table 12A.63 Readmissions to hospital within 28 days of discharge (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Qld	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.	4 301	2 174	3 030	886	533	334	154	143	11 555
Overnight separations from psychiatric inpatient services	no.	27 115	16 059	14 805	6 941	5 700	1 691	1 055	971	74 337
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	15.9	13.5	20.5	12.8	9.4	19.8	14.6	14.7	15.5
2006-07										
Overnight separations that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	no.	4 513	2 405	2 726	787	615	325	123	125	11 619
Overnight separations from psychiatric inpatient services	no.	29 059	16 775	14 573	6 835	6 027	1 751	943	864	76 827
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	15.5	14.3	18.7	11.5	10.2	18.6	13.0	14.5	15.1
2007-08										
Overnight separations that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	no.	4 889	2 623	2 534	879	620	301	114	119	12 079
Overnight separations from psychiatric inpatient services	no.	29 866	17 735	14 469	6 580	5 678	1 608	1 038	830	77 804

Table 12A.63

Table 12A.63 Readmissions to hospital within 28 days of discharge (a), (b), (c), (d), (e)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT (f)	NT	Aust
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	16.4	14.8	17.5	13.4	10.9	18.7	11.0	14.3	15.5
2008-09										
Overnight separations that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	no.	3 310	1 918	1 919	632	376	236	50	71	8 512
Overnight separations from psychiatric inpatient services	no.	22 102	13 634	10 521	4 758	4 185	1 467	914	591	58 172
Proportion of overnight separations from psychiatric inpatient services that were followed by a readmission to a psychiatric inpatient service within 28 days of discharge	%	15.0	14.1	18.2	13.3	9.0	16.1	5.5	12.0	14.6

(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 to 2007-08 reflect full year activity, but for 2008-09, the data are based only on the first 9 months of the year (because full year data were not be available within the reporting timeframe). For all jurisdictions, data for 2007-08 update the estimates presented in last year's progress report.

(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.

(d) 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.

(e) 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. Two jurisdictions — Tasmania and South Australia — indicated that the data submitted was not based on unique patient identifier or data matching approaches. This factor can contribute to the appearance of lower readmission rates for these jurisdictions.

Table 12A.63

Table 12A.63 Readmissions to hospital within 28 days of discharge (a), (b), (c), (d), (e)

Unit	NSW	Vic	Qld	WA	SA	Tas	ACT (f)	NT	Aust
(f)	ACT readmission rates for 2005-06 and 2006-07 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 2011, *Council of Australian Governments National Action Plan for Mental Health 2006-2011: Progress Report 2008-09*, Report prepared under the auspice of the Mental Health Standing Committee of the Australian Health Ministers' Advisory Council (unpublished).

Table 12A.64

Table 12A.64 Average recurrent costs per inpatient bed day, public hospitals, by target population (2008-09 dollars) (a), (b), (c), (d)

	NSW	Vic	Q/d (e)	WA	SA	Tas (f), (g)	ACT (f), (h)	NT (f)	Aust
General mental health services									
2004-05	706	633	549	812	652	538	605	833	661
2005-06	706	613	593	821	675	653	654	1 014	675
2006-07	714	629	606	832	768	810	858	923	698
2007-08	710	676	674	880	796	836	893	1 103	729
2008-09	735	710	668	918	875	790	840	1 127	751
Child and adolescent mental health services									
2004-05	1 318	1 489	1 093	1 103	1 280	..	..	..	1 272
2005-06	1 284	1 311	1 253	1 135	1 117	..	..	..	1 263
2006-07	1 307	1 314	1 341	1 387	1 413	..	..	..	1 329
2007-08	1 309	1 325	1 414	1 044	1 891	..	..	..	1 322
2008-09	1 294	1 448	1 494	1 402	1 699	..	..	..	1 395
Older persons' mental health services									
2004-05	621	554	423	651	490	393	..	..	547
2005-06	578	531	448	704	497	..	..	..	545
2006-07	597	558	490	692	527	..	2 381	..	572
2007-08	593	597	525	696	570	..	902	..	593
2008-09	632	604	528	747	646	..	941	..	628
Forensic mental health services									
2004-05	435	870	747	1 052	873	498	..	762	679
2005-06	542	781	783	1 048	854	485	..	948	722
2006-07	484	790	804	936	954	969	..	651	717
2007-08	494	799	910	898	982	1 398	..	..	759
2008-09	728	709	892	1 069	923	1 426	..	..	819

Table 12A.64 Average recurrent costs per inpatient bed day, public hospitals, by target population (2008-09 dollars) (a), (b), (c), (d)

	NSW	Vic	Q/d (e)	WA	SA	Tas (f), (g)	ACT (f), (h)	NT (f)	Aust
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(a) Constant price expenditure expressed in 2008-09 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.77).

(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) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(e) 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.

(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 provided separately in the ACT and in the NT for 2007-08 and 2008-09.

(g) The following changes occurred in 2005-06 for Tasmanian that impact on these data: non-government organisations 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 relative to other jurisdictions and other years.

.. Not applicable.

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

Table 12A.65

Table 12A.65 Average recurrent cost per inpatient bed day, by public hospital type (2008-09 dollars) (a), (b), (c), (d)

	NSW	Vic (e)	Qld (f)	WA	SA	Tas	ACT	NT	Aust
Psychiatric hospitals (acute units)									
2004-05	752	975	..	819	821	..	..	..	802
2005-06	755	866	..	825	832	..	..	..	796
2006-07	725	944	..	854	945	..	..	..	812
2007-08	697	851	..	836	1022	..	..	..	800
2008-09	685	773	..	894	989	..	..	..	812
Psychiatric hospitals (non-acute units)									
2004-05	518	775	599	844	500	..	..	..	571
2005-06	530	703	629	845	504	..	..	..	580
2006-07	499	655	640	849	526	..	..	..	573
2007-08	503	757	705	838	589	..	..	..	601
2008-09	579	611	692	896	674	..	..	..	642
Psychiatric hospitals (all units)									
2004-05	589	870	599	832	619	..	..	..	640
2005-06	608	781	629	834	628	..	..	..	651
2006-07	579	790	640	852	669	..	..	..	650
2007-08	569	799	705	837	729	..	..	..	668
2008-09	608	709	692	895	787	..	..	..	696
Public acute hospitals									
2004-05	778	652	569	774	626	519	617	973	675
2005-06	771	623	615	804	654	627	654	1012	687
2006-07	796	639	636	804	772	838	926	920	721
2007-08	776	683	705	860	757	926	894	1103	752
2008-09	817	715	704	910	842	888	858	1127	783

(a) Constant price expenditure expressed in 2008-09 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.77).

(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) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(e) 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.

(f) Queensland data for public acute hospitals include costs associated with extended treatment services (campus-based and non-campus-based) that report through general acute hospitals. Queensland does not provide acute services in psychiatric hospitals.

.. Not applicable.

Source: AIHW unpublished, *MHE NMDS*; State and Territory governments unpublished.

Table 12A.66

Table 12A.66 Average recurrent cost per patient day for community residential services (2008-09 dollars) (a), (b), (c), (d), (e)

	NSW	Vic	Qld (f)	WA (g)	SA (g)	Tas (h)	ACT	NT (g), (i)	Aust
General adult units									
2004-05									
24-hour staffed units	355	368	..	349	223	498	470	..	373
non-24-hour staffed units	na	154	..	158	342	..	86	89	232
2005-06									
24-hour staffed units	274	441	..	330	240	406	490	..	395
non-24-hour staffed units	89	155	..	122	279	320	78	116	140
2006-07									
24-hour staffed units	270	428	..	429	237	423	541	..	399
non-24-hour staffed units	84	141	..	138	285	212	108	267	133
2007-08									
24-hour staffed units	247	416	..	456	371	485	548	273	400
non-24-hour staffed units	153	138	..	127	455	215	101	..	149
2008-09									
24-hour staffed units	295	450	..	319	357	516	469	247	405
non-24-hour staffed units	198	138	..	96	322	242	87	..	153
Older persons' care units									
2004-05									
24-hour staffed units	335	306	..	..	..	340	166	..	310
non-24-hour staffed units	na	..	..	..	..	..	..	..	na
2005-06									
24-hour staffed units	301	319	..	..	..	449	158	..	321
non-24-hour staffed units	113	..	..	..	..	..	..	..	113

Table 12A.66

Table 12A.66 Average recurrent cost per patient day for community residential services (2008-09 dollars) (a), (b), (c), (d), (e)

	NSW	Vic	Qld (f)	WA (g)	SA (g)	Tas (h)	ACT	NT (g), (i)	Aust
2006-07									
24-hour staffed units	356	297	..	..	..	474	167	..	313
non-24-hour staffed units	293	..	..	..	..	..	..	..	293
2007-08									
24-hour staffed units	197	296	..	..	..	744	171	..	308
non-24-hour staffed units	157	na	..	..	..	..	..	..	157
2008-09									
24-hour staffed units	176	322	..	..	..	493	228	..	327
non-24-hour staffed units	209	..	..	..	..	..	..	..	209

(a) Depreciation is excluded for all years.

(b) Unit costs are not casemix adjusted.

(c) Constant price expenditure expressed in 2008-09 prices, using the State and Territory implicit price deflators for general government final consumption expenditure on hospital clinical services (table 12A.77).

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

(e) Due to the ongoing validation of NMDS, 2005-06 to 2007-08 data could differ from previous reports.

(f) 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.

(g) WA, SA and the NT do not have any community residential services that are aged care units.

(h) 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: non-government organisations 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.

(i) General adult 24-hour residential services were not provided in the NT until 2007-08. From 2007-08, general non-24-hour staffed units are not provided.

na Not available. . . Not applicable.

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

Table 12A.67

Table 12A.67 Average cost of ambulatory care (per cent) (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>
<i>Average treatment days per episode of ambulatory care</i>									
2005-06	6.7	7.8	4.9	4.5	4.8	4.7	8.2	4.0	6.0
2006-07	6.8	7.7	5.2	4.5	5.0	4.1	8.0	4.0	6.1
2007-08	8.0	7.7	5.4	4.6	5.2	5.9	8.0	3.9	6.5
2008-09	7.2	7.6	4.5	4.8	5.3	6.0	8.0	3.9	6.1
<i>Average cost per episode of ambulatory care (2008-09 \$)</i>									
2005-06	1 550	1 937	1 286	1 830	1 833	2 766	2 059	1 687	1 662
2006-07	1 658	1 947	1 510	1 804	1 643	2 174	2 206	1 941	1 727
2007-08	1 861	2 084	1 688	1 956	1 535	2 410	2 066	2 108	1 862
2008-09	1 775	2 128	1 769	1 989	1 501	2 256	2 180	1 962	1 859

(a) Unregistered or insufficiently identified clients have been excluded from the episodes of ambulatory care and treatment days data.

(b) Recurrent expenditure data used to derive this measure have been adjusted (that is, reduced) to account for proportion of clients in the *CMHC NMDS* that were defined as 'unregistered' (insufficiently identified). Therefore, it does not match recurrent expenditure on ambulatory care reported elsewhere.

(c) Due to the ongoing validation of *NMDS*, 2005-06 to 2007-08 data could differ from previous reports.

Source: AIHW unpublished, *CMHS NMDS* and *MHE NMDS*.

Table 12A.68

Table 12A.68 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 can have had more than one 12-month 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, 2007 Survey of Mental Health and Wellbeing, Cat. no. 4326.0.

Table 12A.69

Table 12A.69 Prevalence of lifetime mental disorders among adults aged 16–85 years, by sex, 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 can have had more than one 12-month 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, *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0.

Table 12A.70

Table 12A.70 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 can have had more than one 12-month 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, *2007 Survey of Mental Health and Wellbeing*, Cat. no. 4326.0.

Table 12A.71

Table 12A.71 Suicides and mortality rate, by sex, Australia (a), (b)

	1999	2000	2001	2002	2003	2004	2005	2006	2007 (c)	2008 (d)
Suicides (no.)										
Males	2 002	1 864	1 936	1 817	1 737	1 661	1 658	1 398	1 576	1 710
Females	490	503	521	503	477	437	444	401	478	481
Persons	2 492	2 367	2 457	2 320	2 214	2 098	2 102	1 799	2 054	2 191
Suicide death rate (per 100 000 people) (e)										
Males	21.3	19.6	20.1	18.6	17.6	16.6	16.4	13.6	15.0	16.0
Females	5.1	5.2	5.3	5.1	4.8	4.3	4.3	3.9	4.5	4.5
Persons	13.2	12.4	12.7	11.8	11.1	10.4	10.3	8.7	9.7	10.2

(a) Suicide deaths include ICD-10 codes X60-X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data.

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

(c) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(d) Causes of death data for 2008 are preliminary and subject to a revisions process. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(e) Crude death rate per 100 000 using estimated resident population for Australia (persons) at 30 June of relevant year.

Source: ABS 2010, *Causes of Death, Australia 2008*, Cat. no. 3303.0.

Table 12A.72

Table 12A.72 **Suicides and mortality rate, by age and sex, Australia (a), (b), (c)**

	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 (c)
2008									
Suicides (no.)									
Males	220	324	389	325	201	127	86	32	1 710
Females	61	85	105	110	56	35	18	8	481
Persons	281	409	494	435	257	162	104	40	2 191
Suicide death rate (per 100 000 people) (d)									
Males	14.3	21.6	25.1	22.2	16.7	17.4	19.9	26.2	16.0
Females	4.2	5.7	6.7	7.4	4.6	4.6	3.3	3.3	4.5
Persons	9.4	13.7	15.9	14.7	10.7	10.8	10.7	11.0	10.2
2004-2008									
Suicides (no.)									
Males	1 059	1 634	1 792	1 476	889	547	407	160	8 003
Females	305	384	473	448	282	167	131	39	2 241
Persons	1 364	2 018	2 265	1 924	1 171	714	538	199	10 244
Suicide death rate (per 100 000 people) (e)									
Males	14.4	22.6	23.6	20.8	15.7	15.9	19.4	30.7	15.6
Females	4.3	5.3	6.1	6.2	5.0	4.6	4.9	3.6	4.3
Persons	9.4	13.9	14.8	13.5	10.4	10.1	11.2	12.4	9.9

(a) Suicide deaths include ICD-10 codes X60-X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data.

(b) Causes of death data for 2007 have been revised and are subject to further revisions. Causes of death data for 2008 are preliminary and subject to a revisions process. 2008 data have been subject to a process improvement which has increased the quality of these data. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(c) For 2007 and 2008 data, cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For all years other than 2007 and 2008, data has been confidentialised through cell suppression.

(d) Crude death rate per 100 000 estimated resident population as at 30 June 2008 for each age group and sex. All ages includes deaths of persons aged under 15 years and age not stated.

Table 12A.72

Table 12A.72 Suicides and mortality rate, by age and sex, Australia (a), (b), (c)

	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 (c)
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(e) Rate per 100 000 estimated resident population at 30 June of the relevant mid point year (2004–2008).

Source: ABS 2010, *Causes of Death, Australia 2008*, Cat. no. 3303.0; ABS unpublished, *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.73

Table 12A.73 Suicide deaths and death rate (a), (b)

	NSW	Vic	Qld	WA	SA	Tas (c)	ACT (c)	NT (c)	Aust
Suicide deaths (no.)									
2000	733	512	541	261	199	50	29	42	2 367
2001	785	541	500	270	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	506	459	203	231	74	35	45	2 102
2006	504	444	340	207	170	73	32	29	1 799
2007 (d)	553	443	445	257	202	67	31	56	2 054
2008 (e)	553	505	507	297	176	75	35	42	2 191
2004–2008	2 746	2 419	2 204	1 158	957	377	159	223	10 244
Suicide death rate per 100 000 persons (f), (g)									
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
2007 (d)	8.0	8.4	10.7	12.2	12.7	13.9	8.8	26.5	9.7
2008 (e)	7.8	9.4	11.8	13.6	10.9	15.4	9.8	19.3	10.2
2004–2008 (e)	8.0	9.3	10.9	11.2	12.1	15.7	9.3	21.6	9.9

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

(b) Suicide deaths include ICD-10 codes X60-X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data.

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

(d) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(e) Causes of death data for 2008 are preliminary and subject to a revisions process. 2008 data have been subject to a process improvement which has increased the quality of these data. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(f) Rate per 100 000 estimated resident population at 30 June of the relevant single year or mid point year (2004-2008). 2004-2008 rate includes revised 2007 data and preliminary 2008 data.

(g) Death rates for 2000 standardised to the mid-year 1991 population. Death rates for 2001 to 2008 standardised to the mid-year 2001 population.

Source: ABS 2010, *Causes of Death, Australia 2008*, Cat. no. 3303.0; ABS unpublished, *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.74

Table 12A.74 **Suicide deaths and death rate, 15–24 year olds (a), (b), (c)**

	NSW	Vic	Qld	WA	SA	Tas (d)	ACT (d)	NT (d)	Aust (c)
Number of suicide deaths of people aged 15–24 years									
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
2007 (f)	52	69	72	44	19	4	3	22	284
2008 (g)	57	63	75	45	21	1	6	10	281
2004–2008	313	316	315	174	123	23	23	53	1 364
Suicide death rate per 100 000 persons aged 15–24 years (h)									
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	11.8
2003	8.7	9.6	12.0	14.0	13.3	9.4	17.4	42.7	10.9
2004	8.3	9.7	9.9	8.2	10.8	np	5.8	np	9.5
2005	7.2	8.9	11.9	10.5	17.9	13.9	9.7	48.1	10.2
2006	6.8	8.0	8.1	10.8	11.3	13.8	11.1	18.4	8.5
2007 (f)	5.5	9.4	12.1	14.5	8.8	6.1	3.6	65.6	9.6
2008 (g)	5.9	8.3	12.2	14.3	9.6	6.1	11.0	28.9	9.3
2004–2008 (h)	6.8	8.8	10.9	11.7	11.4	10.5	8.1	41.1	9.4

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

(b) Suicide deaths include ICD-10 codes X60–X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data.

(c) Data cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. Rates use the actual count and not the randomly assigned value. Cells with a zero value have not been affected by confidentialisation.

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

(e) Includes 'Other Territories'

(f) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(g) Causes of death data for 2008 are preliminary and subject to a revisions process. 2008 data have been subject to a process improvement which has increased the quality of these data. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(h) Rate per 100 000 estimated resident population at 30 June of the relevant single year (2007 and 2008) or mid point year (2004–2008). Rate includes revised 2007 data and preliminary 2008 data.

– Nil or rounded to zero. **np** not published

Table 12A.74 Suicide deaths and death rate, 15–24 year olds (a), (b), (c)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (d)</i>	<i>NT (d)</i>	<i>Aust (c)</i>
<i>Source:</i>	ABS 2010, <i>Causes of Death, Australia 2008</i> , Cat. no. 3303.0; ABS unpublished, <i>Causes of Death, Australia</i> , Cat. no. 3303.0.								

Table 12A.75

Table 12A.75 **Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e), (f), (g)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (h)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Number of suicide deaths by area</i>									
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
Urban centres	111	60	130	15	..	21	..	..	337
Rural	79	86	110	55	46	24	..	17	417
2007									
Capital city	370	306	155	169	143	8	31	28	1 210
Urban centres	123	56	166	20	..	25	..	–	390
Rural	60	81	124	68	59	34	..	28	454
2008									
Capital city	323	343	199	216	124	27	35	15	1 282
Urban centres	117	71	198	29	..	27	..	..	442
Rural	113	91	110	52	52	21	..	27	466
2004–2008									
Capital city	1 707	1 625	827	805	689	121	159	100	6 033
Urban centres	565	322	798	94	..	136	..	..	1 915
Rural	474	472	579	259	268	120	..	123	2 295

Table 12A.75

Table 12A.75 **Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e), (f), (g)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (h)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Suicide death rate per 100 000 persons by area (i)</i>									
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
Urban centres	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
2007									
Capital city	8.3	7.8	8.2	10.7	12.1	3.9	8.8	23.6	8.8
Urban centres	9.5	9.5	11.2	10.3	..	13.9	..	..	10.4
Rural	5.1	10.5	15.4	19.8	14.3	34.9	–	30.2	12.3
Total	8.0	8.4	10.7	12.2	12.7	13.9	8.8	26.5	9.7
2008									
Capital city	7.1	8.5	10.3	13.3	10.4	13.0	9.8	12.2	9.2
Urban centres	8.7	11.8	12.9	14.3	..	14.9	..	..	11.5
Rural	9.6	11.6	13.4	14.8	12.4	21.4	–	28.4	12.4

Table 12A.75

Table 12A.75 **Suicide deaths and suicide death rate, by area (a), (b), (c), (d), (e), (f), (g)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (h)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Total	7.8	9.4	11.8	13.6	10.9	15.4	9.8	19.3	10.2
2004–2008									
Capital city	7.8	8.5	9.0	10.5	11.8	11.8	9.3	17.3	9.0
Urban centres	8.8	11.1	11.8	10.0	..	15.2	..	..	10.7
Rural	8.2	12.4	13.4	15.4	13.1	24.7	–	27.0	12.3
Total	8.0	9.3	10.9	11.2	12.1	15.7	9.3	21.6	9.9

- (a) Suicide deaths include ICD-10 codes X60-X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data. Data are 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) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS' *Causes of Death, Australia 2008*, publication for more information.
- (e) Causes of death data for 2008 are preliminary and subject to a revisions process. 2008 data have been subject to a process improvement which has increased the quality of these data. See ABS' *Causes of Death, Australia 2008*, publication for more information.
- (f) 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.
- (g) For 2006, 2007 and 2008 data and the 2004–2008 data, 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.
- (h) The three criteria for this data tend to distort the Tasmanian picture due to the low level of urbanisation.
- (i) Death rates standardised to the 30 June 2001 population using the indirect method.
.. Not applicable. – Nil or rounded to zero. **np** Not published.

Source: ABS unpublished, *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.76

Table 12A.76 **Suicide deaths, by Indigenous status (a), (b), (c), (d), (e), (f), (g)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (h)
<i>Number</i>									
2004–2008									
Indigenous	59	np	134	90	46	np	np	110	439
Non-Indigenous	2 687	np	2 070	1 068	911	np	np	113	6 849
Total	2 746	np	2 204	1 158	957	np	np	223	7 288
<i>Indigenous suicide rate per 100 000</i>									
2004–2008	9.8	np	23.5	31.0	40.4	np	np	40.6	23.8
<i>Non-Indigenous suicide rate per 100 000</i>									
2004–2008	8.0	np	10.5	10.7	11.7	np	np	14.8	9.5

(a) Suicide deaths include ICD-10 codes X60-X84 and Y87.0. Care needs to be taken in interpreting figures relating to suicide due to limitations of data.

(b) Data cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. It is important to note that cells with a zero value have not been affected by confidentialisation.

(c) Data on deaths of Aboriginal and Torres Strait Islander Australians are affected by differing levels of coverage of deaths identified as Indigenous across states and territories. Care should be exercised in analysing these data, particularly in making comparisons across states and territories and between the Indigenous and non-Indigenous data.

(d) Causes of death data for 2007 have been revised and are subject to further revisions. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(e) Causes of death data for 2008 are preliminary and subject to a revisions process. 2008 data have been subject to a process improvement which has increased the quality of these data. See ABS' *Causes of Death, Australia 2008*, publication for more information.

(e) Non-Indigenous rates are derived from registered deaths of non-Indigenous persons and those for whom Indigenous status was not stated.

(f) Rates are indirect standardised death rates per 100 000 population.

(g) Denominators used in the calculation of rates for the Indigenous and non-Indigenous populations are the 2006 Indigenous and non-Indigenous experimental population estimates available for this year. These data were sourced from the ABS publication *Experimental Estimates of Aboriginal and Torres Strait Islander Australians*, Jun 2006, Cat.no. 3238.0.55.001.

(h) Total relates to the jurisdictions for which data are published: NSW, Queensland, WA, SA and the NT.

np Not published.

Source: ABS unpublished, *Causes of Death, Australia*, Cat. no. 3303.0.

Table 12A.77

Table 12A.77 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>
2004-05	86.0	88.3	85.5	86.3	85.6	86.5	86.1	87.6
2005-06	90.9	91.5	88.9	89.7	89.5	90.5	90.0	90.9
2006-07	95.0	94.5	93.0	93.1	92.9	94.3	93.3	94.4
2007-08	97.7	96.9	96.3	96.2	96.2	97.1	96.5	96.2
2008-09	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 and clinical services.

Source: ABS unpublished, *Australian National Accounts: National Income, Expenditure and Product*, Cat. no. 5204.0.

Table 12A.78 Deflator used to calculate real Australian Government mental health expenditure (a)

	<i>Aus Gov</i>
2004-05	82.6
2005-06	86.7
2006-07	91.1
2007-08	95.1
2008-09	100.0

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

Source: ABS 2009, *Australian System of National Accounts*, Cat. no. 5204.0, table 16.

Table 12A.79

Table 12A.79 Estimated resident populations used in mental health per head calculations (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (c)
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
2007-08	6 926 990	5 246 079	4 228 290	2 130 797	1 591 930	495 772	340 818	217 559	21 180 632
2008-09	7 041 393	5 364 796	4 349 529	2 204 040	1 612 002	500 278	347 843	221 682	21 643 987

(a) The data represent the mid-point of the relevant financial year. For 2008-09 data, the mid-point is 31 December 2008.

(b) For reports before the 2009 Report, 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 2009, *Australian Demographic Statistics, December 2008*, Cat. no. 3101.0.