

7A Health management issues — attachment

Definitions for the indicators and descriptors in this attachment are in section 7.4 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 Commonwealth, State and Territory governments.

The data contained in this attachment may be subject to revision. The web page version of the Report contains the most up-to-date data where changes have occurred. This attachment can be found at www.pc.gov.au/service/gsp/2002/attach7A.pdf. Users without Internet access can contact the Secretariat to obtain up-to-date data (see details on the inside front cover of the Report).

7A.1 Breast Cancer

Table 7A.1 Number of new cases of breast cancer (a)

	NSW (b)	Vic	Qld	WA	SA	Tas	ACT (c)	NT (d)	Aust
1982	1 796	1 444	809	410	474	132	67	11	5 143
1983	1 855	1 393	873	413	485	155	76	18	5 268
1984	2 032	1 554	872	454	489	135	84	12	5 632
1985	2 060	1 582	874	571	552	156	61	14	5 870
1986	2 185	1 597	960	546	528	149	67	18	6 050
1987	2 368	1 769	1 096	615	565	170	65	29	6 677
1988	2 469	1 749	1 018	640	559	141	81	22	6 679
1989	2 471	1 864	1 072	704	681	170	98	22	7 082
1990	2 570	1 886	1 270	672	667	171	103	22	7 361
1991	2 922	1 989	1 390	694	680	190	90	37	7 992
1992	2 712	2 054	1 357	751	765	204	100	33	7 976
1993	3 053	2 173	1 544	779	794	244	115	29	8 731
1994	3 338	2 605	1 593	846	821	288	141	45	9 677
1995	3 489	2 595	1 621	942	909	255	150	32	9 993
1996	3 417	2 565	1 586	886	823	228	133	46	9 684
1997	3 530	2 560	1 787	923	893	230	141	53	10 117
1998	3 690	2 694	1 903	909	984	271	170	44	10 665
1999	na	na	na	na	na	na	na	na	na

(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.

na Not available.

Source: AIHW (Australian Institute of Health and Welfare), Australasian Association of Cancer Registries and National Health and Medical Research Council National Breast Cancer Centre 1999, *Breast cancer in Australian women 1982 to 1996*, AIHW (Cancer series), Canberra; AIHW 2000, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. No. CAN 8., AIHW (Cancer Series number 13), Canberra; AIHW (unpublished).

Table 7A.2 Incidence rates of breast cancer, women of all age groups (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
1982	67.4	73.2	71.6	69.4	69.6	64.9	79.7	41.4	69.9
1983	68.8	68.9	75.8	67.6	68.8	75.3	90.8	46.3	70.1
1984	73.3	75.5	73.3	72.7	68.7	61.8	92.6	34.5	73.1
1985	73.0	75.5	71.4	88.2	74.6	71.3	68.4	43.0	74.5
1986	75.6	74.6	75.6	81.0	71.1	65.4	71.6	42.4	74.8
1987	80.7	81.3	84.1	87.9	74.2	74.2	62.2	66.7	80.9
1988	82.2	79.1	75.4	88.9	72.4	59.6	76.6	48.3	79.1
1989	80.7	82.3	76.6	94.5	86.9	71.1	88.9	61.3	81.9
1990	82.4	81.7	87.8	87.7	84.0	69.6	89.4	64.3	83.2
1991	91.7	84.4	92.8	87.7	83.6	77.1	75.9	88.6	88.2
1992	83.6	85.6	87.9	91.9	92.1	79.9	83.1	66.4	86.1
1993	92.5	89.3	96.8	93.3	95.1	96.5	90.1	62.3	92.6
1994	99.8	105.2	96.5	100.2	96.1	110.9	108.5	71.5	100.6
1995	102.1	102.9	94.9	107.6	104.4	96.8	107.8	60.4	101.4
1996	97.7	99.7	90.0	98.5	92.9	85.3	92.7	67.8	96.0
1997	99.0	96.8	99.2	99.6	99.5	82.9	98.2	82.3	98.0
1998	101.4	100.4	102.6	95.5	109.2	98.5	113.1	76.2	101.3
1999	na	na	na	na	na	na	na	na	na

(a) Rates are expressed per 100 000 woman years and are age-standardised to the Australian 1991 population standard.

na Not available.

Source: Australian Institute of Health and Welfare, Australasian Association of Cancer Registries and National Health and Medical Research Council National Breast Cancer Centre 1999, *Breast cancer in Australian women 1982 to 1996*, AIHW (Cancer series), Canberra; Australian Institute of Health and Welfare 2000b, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. No. CAN 8., AIHW (Cancer Series number 13), Canberra; AIHW unpublished.

Table 7A.3 Incidence rates of breast cancer, by age (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>
<i>1982–1986</i>									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	0.1	–	0.2	–	–	–	–	–	0.1
15–19 years	0.2	–	–	–	0.4	–	–	–	0.1
20–24 years	1.3	0.3	1.3	0.7	1.0	–	1.8	–	0.9
25–29 years	6.0	6.7	6.1	7.7	7.9	8.9	5.4	5.3	6.6
30–34 years	24.6	23.8	26.4	16.5	24.3	20.4	25.2	2.9	23.6
35–39 years	52.7	57.6	48.4	51.1	52.0	60.6	55.1	49.6	53.3
40–44 years	104.6	100.6	95.9	102.6	92.2	97.7	95.9	90.3	100.5
45–49 years	142.8	139.9	159.2	137.5	128.3	157.4	142.8	69.5	142.7
50–54 years	143.2	155.5	139.4	156.2	161.3	115.8	223.4	97.3	148.7
55–59 years	168.8	177.2	172.4	187.0	168.5	148.6	183.3	97.2	172.4
60–64 years	191.7	203.6	184.3	182.0	192.0	155.4	196.8	95.1	191.7
65–69 years	206.8	229.6	214.4	227.8	196.1	186.5	230.7	28.3	213.7
70–74 years	235.0	237.8	265.2	279.0	221.6	228.0	302.3	337.0	243.1
75–79 years	249.9	245.6	259.6	285.6	249.0	270.1	335.9	90.3	253.9
80–84 years	252.3	256.6	307.9	313.0	278.3	201.9	167.9	–	266.8
85+ years	280.1	245.0	267.5	384.9	301.5	302.8	373.4	–	278.8
All ages ASR (Aust)	71.7	73.6	73.5	76.1	70.6	67.7	80.5	41.4	72.6
Std error	0.7	0.9	1.1	1.6	1.4	2.5	4.5	5.8	0.4
All ages ASR (world)	57.7	59.5	58.9	60.5	56.7	54.2	65.1	34.2	58.4
Std error	0.6	0.7	0.9	1.3	1.2	2.1	3.5	4.5	0.4
50–69 ASR (Aust)	175.7	189.4	175.4	186.2	178.5	149.5	208.7	81.2	179.7

Table 7A.3 Incidence rates of breast cancer, by age (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>
<i>1987–1991</i>									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	1.0	1.2	0.7	1.3	0.7	1.2	–	–	1.0
25–29 years	6.4	8.0	7.3	7.8	5.9	5.4	11.4	2.3	7.1
30–34 years	26.6	29.3	24.7	25.1	25.4	24.0	13.1	17.9	26.3
35–39 years	60.7	54.9	53.5	52.8	58.6	43.4	51.3	44.2	56.2
40–44 years	114.5	110.2	111.3	104.7	108.2	95.0	129.4	73.8	110.8
45–49 years	173.1	160.7	166.2	160.2	160.6	138.9	155.5	125.9	164.9
50–54 years	185.9	176.6	191.3	202.6	176.9	166.2	158.2	149.3	183.9
55–59 years	195.9	193.9	194.3	195.5	190.2	167.2	211.1	139.8	193.7
60–64 years	226.9	230.3	225.8	267.8	224.1	199.9	286.2	198.6	230.5
65–69 years	247.6	244.6	252.6	262.1	242.7	191.9	243.8	156.4	246.4
70–74 years	269.5	258.9	282.8	307.2	241.9	183.2	166.7	168.4	265.6
75–79 years	282.6	286.0	289.1	327.8	272.3	243.5	246.9	356.9	285.9
80–84 years	294.0	301.3	314.8	345.2	286.0	330.5	287.8	241.8	303.6
85+ years	276.1	274.7	291.5	490.3	322.6	329.1	170.1	434.2	300.5
All ages ASR (Aust)	83.6	81.8	83.6	89.3	80.3	70.5	78.9	65.8	82.7
Std error	0.7	0.9	1.1	1.6	1.3	2.4	3.9	6.9	0.4
All ages ASR (world)	67.8	66.1	67.5	71.4	65.0	56.7	65.1	51.9	66.9
Std error	0.6	0.7	0.9	1.3	1.1	2.1	3.2	5.0	0.4
50–69 ASR (Aust)	212.4	209.4	214.4	230.4	206.6	180.6	222.0	160.7	211.9

Table 7A.3 Incidence rates of breast cancer, by age (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>
<i>1992–1996</i>									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	–
10–14 years	–	–	0.3	–	–	–	–	–	0.1
15–19 years	–	–	0.3	–	0.4	–	–	–	0.1
20–24 years	1.3	0.7	1.7	1.2	0.7	–	–	–	1.1
25–29 years	7.3	8.7	7.3	5.2	7	9.5	6.3	4.6	7.4
30–34 years	25.3	24.8	25.6	25.3	28.7	30.7	26.3	21.8	25.6
35–39 years	55.4	58.2	59.2	51.3	51.9	66.8	54.8	54.7	56.3
40–44 years	118.3	116.3	101.2	115.7	112.3	111.6	112.5	101.3	113.6
45–49 years	190.1	182.4	195.3	184.4	182.1	181.6	194.5	160.0	187.5
50–54 years	235.3	231.0	234.7	222.0	249.5	233.9	252.6	151.9	233.7
55–59 years	257.1	265.7	241.1	278.5	279.8	266.8	248.2	223.0	260.5
60–64 years	277.2	276.3	257.1	289.6	273.0	256.5	297.1	222.8	273.8
65–69 years	301.6	306.7	273.9	303.0	316.0	305.5	231.4	159.5	298.8
70–74 years	293.7	306.3	306.0	314.5	280.3	264.8	340.1	117.4	298.6
75–79 years	304.2	321.4	318.6	344.1	306.4	315.4	348.1	185.4	314.9
80–84 years	291.5	321.1	323.9	353.9	316.9	239	266.9	91.2	310.2
85+ years	260.5	264.0	342.0	364.0	312.9	269.8	340.3	112.0	289.0
All ages ASR (Aust)	94.7	95.9	93.4	97.8	96.3	93.5	95.7	65.8	95.0
Std error	0.8	0.9	1.1	1.5	1.5	2.7	3.9	5.6	0.4
All ages ASR (world)	77.9	78.4	76.2	79.3	79.0	77.0	78.5	56.1	77.8
Std error	0.6	0.8	0.9	1.3	1.3	2.3	3.2	4.5	0.4
50–69 ASR (Aust)	265.9	267.7	250.6	270.7	277.7	263.6	257.8	188.5	264.8

Table 7A.3 Incidence rates of breast cancer, by age (a) (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>1994–1997</i>									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.2	–	–	–	–	–	–	–
10–14 years	–	–	0.2	–	–	–	–	–	–
15–19 years	–	0.2	0.4	0.4	0.5	–	–	–	0.2
20–24 years	1.2	0.9	1.9	1.5	1.0	1.5	–	–	1.2
25–29 years	7.8	6.8	7.3	9.7	7.5	13.6	5.8	2.8	7.6
30–34 years	25.7	25.8	29.9	23.1	29.8	26.1	33.0	18.0	26.6
35–39 years	55.1	57.4	63.8	59.9	54.0	67.5	58.1	69.8	58.1
40–44 years	117.9	112.1	102.9	117.1	119.0	105.8	113.0	114.6	113.3
45–49 years	193.6	186.3	197.5	182.3	181.4	175.7	195.1	181.1	189.8
50–54 years	252.4	257.2	231.7	220.7	268.9	233.8	259.3	190.5	247.4
55–59 years	278.2	282.4	263.5	285.6	277.7	285.1	281.1	221.4	277.2
60–64 years	305.7	301.9	279.1	331.2	266.5	247.8	279.9	197.7	296.7
65–69 years	310.6	330.1	284.6	340.4	299.4	309.6	306.6	164.7	312.3
70–74 years	301.0	320.2	333.8	310.3	288.9	249.4	377.1	69.0	309.9
75–79 years	323.2	333.5	337.8	350.4	336.6	332.2	328.5	161.9	331.7
80–84 years	300.1	333.8	289.7	311.2	352.1	273.2	256.4	99.2	311.7
85+ years	255.7	277.0	332.5	330.3	282.6	263.9	291.5	118.3	283.1
All ages ASR	99.0	100.6	97.2	101.3	98.1	93.7	100.5	67.9	98.9
95% CI	97.5–100.4	89.9–102.3	95.2–99.2	98.5–103.9	95.3–100.9	88.6–98.6	92.9–108.0	58.4–77.7	98.1–99.7
Ages 50–69	285.0	290.8	263.1	290.8	277.3	266.8	280.3	194.0	281.5
95% CI	279.0–290.9	283.6–298.0	255.0–27.9	279.1–302.3	265.7–289.0	246.5–286.7	250.8–310.9	152.5–234.5	278.0–285.1

(a) Rates are expressed per 100 000 woman years and are age standardised to the Australian 1991 population standard.

(b) ASR = Age standardised rates; CI = confidence interval.

– Nil or rounded to zero.

Source: AIHW (Australian Institute of Health and Welfare), Australasian Association of Cancer Registries and National Health and Medical Research Council National Breast Cancer Centre 1999, *Breast cancer in Australian women 1982 to 1996*, AIHW (Cancer series), Canberra; AIHW 2000, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. No. CAN 8., AIHW (Cancer Series number 13), Canberra.

Table 7A.4 Incidence rates of breast cancer, by age (calendar years) (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>
1994									
0–4 years	–	0.6	–	–	–	–	–	–	0.2
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.9	–	2.3	1.5	1.8	–	–	–	1.0
25–29 years	9.3	5.7	10.8	9.2	5.6	18.1	8.0	–	8.4
30–34 years	26.9	23.2	33.3	29.7	18.6	31.3	23.1	24.2	26.7
35–39 years	55.4	63.7	62.8	47.7	45.8	59.4	31.5	69.1	57.0
40–44 years	128.8	101.9	101.1	130.7	136.1	116.3	110.6	158.9	117.5
45–49 years	188.6	180.4	206.4	170.4	188.1	199.2	221.1	198.3	188.9
50–54 years	249.8	263.6	215.2	209.9	265.7	215.4	269.1	245.0	244.1
55–59 years	263.9	281.1	248.0	276.4	234.8	307.2	279.1	295.4	265.8
60–64 years	311.1	331.2	270.6	329.2	271.6	315.5	380.7	69.6	307.6
65–69 years	334.6	370.4	280.0	382.2	315.0	520.8	256.3	202.4	340.8
70–74 years	284.7	381.3	342.1	298.5	286.9	335.5	415.1	–	322.7
75–79 years	330.9	357.7	322.0	339.4	307.3	377.5	469.9	–	336.7
80–84 years	283.1	356.6	307.2	252.7	363.9	233.2	418.1	–	311.1
85+ years	284.2	256.6	367.2	316.4	249.9	355.2	300.9	584.8	291.8
All ages ASR (A)	99.8	105.2	96.5	100.2	96.1	110.9	108.5	71.5	100.6
Ages 50–69 ASR (A)	287.5	308.6	251.5	294.4	270.7	331.3	296.3	204.3	286.9

Table 7A.4 Incidence rates of breast cancer, by age (calendar years) (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>
1995									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.7	–	–	–	–	–	–	0.2
10–14 years	–	–	0.8	–	–	–	–	–	0.2
15–19 years	–	–	–	–	2.1	–	–	–	0.2
20–24 years	0.9	1.7	1.5	1.5	–	–	–	–	1.1
25–29 years	7.4	10.7	4.9	9.1	13.2	18.2	7.9	–	8.6
30–34 years	28.3	22.3	32.2	11.3	43.1	32.3	38.5	24.2	27.2
35–39 years	57.5	57.8	50.5	54.0	52.0	69.1	77.7	13.5	55.7
40–44 years	117.4	114.3	101.2	122.9	102.5	115.0	157.9	62.0	113.2
45–49 years	202.5	203.8	199.8	193.1	185.3	175.2	194.8	188.9	199.0
50–54 years	276.6	254.0	233.8	249.8	278.0	287.9	263.5	142.0	259.9
55–59 years	291.7	284.0	260.0	312.8	304.7	381.6	302.7	91.0	288.7
60–64 years	297.5	302.2	256.0	388.7	297.0	224.9	324.9	272.7	297.9
65–69 years	312.2	344.1	275.1	314.5	291.6	230.7	205.0	96.3	308.6
70–74 years	320.8	293.7	295.1	326.9	311.2	212.1	514.1	146.2	307.8
75–79 years	320.3	380.8	374.9	388.0	439.4	327.6	266.0	220.8	361.2
80–84 years	335.5	332.7	296.7	354.9	371.9	307.1	264.2	456.6	332.3
85+ years	240.0	297.7	374.9	421.4	290.6	220.4	281.2	–	297.0
All ages ASR (A)	102.1	102.9	94.9	107.6	104.4	96.8	107.8	60.4	101.4
Ages 50–69 ASR (A)	293.5	293.5	254.9	314.0	292.3	282.2	275.0	151.6	287.3

Table 7A.4 Incidence rates of breast cancer, by age (calendar years) (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>
1996									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	0.8	–	–	–	–	–	0.2
20–24 years	0.4	0.6	1.5	3.0	–	–	–	–	0.9
25–29 years	6.8	6.6	4.7	7.3	5.6	–	–	11.0	6.1
30–34 years	25.7	30.7	20.0	31.3	30.2	33.5	30.8	24.0	27.1
35–39 years	51.9	50.7	64.0	74.1	54.9	78.4	76.7	131.3	58.1
40–44 years	116.7	121.7	95.6	101.0	124.0	96.7	110.6	106.1	112.4
45–49 years	192.4	186.9	186.9	167.3	173.7	176.2	194.5	163.5	185.4
50–54 years	235.8	245.4	223.1	215.8	265.8	200.9	248.6	157.9	235.2
55–59 years	281.9	297.8	239.7	272.1	261.7	217.2	218.4	216.8	272.9
60–64 years	295.1	298.7	259.3	325.1	235.7	257.1	248.4	194.0	285.4
65–69 years	302.9	326.4	256.5	326.1	285.6	284.7	307.6	91.0	300.5
70–74 years	308.8	312.8	300.2	294.4	264.3	200.8	252.6	133.2	299.1
75–79 years	325.5	276.2	316.3	306.8	260.3	303.7	370.1	206.6	303.1
80–84 years	315.9	321.8	294.5	384.7	300.1	237.8	185.2	–	314.3
85+ years	277.1	313.3	311.0	298.4	377.7	212.4	261.8	–	301.6
All ages ASR (A)	97.7	99.7	90.0	98.5	92.9	85.3	92.7	67.8	96.0
Ages 50–69 ASR (A)	276.8	289.6	243.6	281.4	261.8	237.6	254.5	166.1	271.5

Table 7A.4 Incidence rates of breast cancer, by age (calendar years) (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1997									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	0.6	0.8	1.6	–	–	–	–	0.5
20–24 years	2.7	1.2	2.3	–	2.0	6.4	–	–	1.9
25–29 years	7.8	4.3	7.5	12.9	5.6	18.0	7.6	–	7.3
30–34 years	22.0	27.1	30.2	20.0	25.6	11.6	39.7	–	24.6
35–39 years	57.9	56.0	69.8	61.6	63.0	57.7	38.3	77.0	60.2
40–44 years	110.4	112.5	102.9	110.3	115.5	89.9	88.2	146.0	109.4
45–49 years	185.4	171.7	178.1	194.4	173.3	153.2	172.0	175.6	179.4
50–54 years	246.8	268.4	222.8	212.6	271.1	246.2	236.1	218.9	246.2
55–59 years	275.0	268.8	280.4	281.7	307.9	239.4	339.9	360.1	278.2
60–64 years	331.5	283.2	296.6	286.4	267.5	193.6	197.0	246.8	297.6
65–69 years	302.7	282.1	308.0	349.7	308.5	231.6	455.4	266.9	302.5
70–74 years	302.5	301.6	371.4	321.2	293.5	215.4	414.7	127.7	312.8
75–79 years	335.2	332.8	324.8	376.9	342.1	308.1	228.8	202.4	334.7
80–84 years	316.7	342.3	299.8	249.9	367.6	312.6	179.5	–	317.9
85+ years	276.7	314.3	302.0	329.9	240.7	324.5	320.0	–	293.1
All ages ASR (A)	99.0	96.8	99.2	99.6	99.5	82.9	98.2	82.3	98.0
Ages 50–69 ASR (A)	287.2	275.2	274.3	278.5	287.6	228.2	301.1	271.0	279.4

Table 7A.4 Incidence rates of breast cancer, by age (calendar years) (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1998									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	2.4	1.5	–	–	–	–	0.6
20–24 years	2.7	1.8	–	3.0	4.1	–	–	–	2.0
25–29 years	4.1	11.3	8.8	2.8	7.5	6.1	7.5	10.5	7.1
30–34 years	26.1	28.3	21.1	30.2	44.7	48.2	16.3	11.9	27.7
35–39 years	57.3	50.6	48.0	68.9	62.9	47.6	54.8	50.5	55.1
40–44 years	125.1	116.1	124.0	101.5	133.2	134.1	129.8	128.4	121.3
45–49 years	182.4	171.1	175.6	176.7	216.7	151.7	213.6	155.6	180.1
50–54 years	263.7	242.1	243.4	238.8	298.5	308.8	330.1	90.0	256.0
55–59 years	297.1	289.3	286.3	276.9	317.3	297.6	322.8	151.2	292.5
60–64 years	285.1	314.5	341.6	280.7	336.3	320.6	377.3	171.0	308.0
65–69 years	326.4	317.2	336.2	348.6	330.4	252.6	354.8	264.1	326.1
70–74 years	336.6	341.6	324.0	237.8	259.7	283.9	359.7	372.2	319.5
75–79 years	337.2	312.9	349.1	301.1	315.0	324.2	244.2	389.9	326.6
80–84 years	282.6	356.6	354.0	334.1	319.8	154.9	456.6	–	318.9
85+ years	292.5	301.8	328.4	225.5	314.7	287.6	305.3	401.6	297.4
All ages ASR (A)	101.4	100.4	102.6	95.5	109.2	98.5	113.1	76.2	101.3
Ages 50–69 ASR (A)	291.2	288.4	299.0	283.2	319.6	296.3	345.5	164.1	293.5

(a) Rates are expressed per 100 000 woman years and age-standardised to the Australian 1991 population standard.

ASR = age standardised rates.

– Nil or rounded to zero.

Source: Australian Institute of Health and Welfare (unpublished).

Table 7A.5 **BreastScreen Australia: scope of services provided in each jurisdiction, 2000**

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

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

(b) Screens are also provided for residents of South Eastern NSW but those figures are not included in this report.

na Not available.

Source: State and Territory governments.

Table 7A.6 Expenditure on breast cancer screening, 1998-99 (dollars) (a)

	<i>Cwth (b)</i>	<i>NSW</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT (f)</i>	<i>Aust</i>
Direct expenditure	5 133 327	26 130 350	17 750 984	14 926 419	7 665 400	6 263 003	2 512 671	1 365 900	1 020 502	80 592 362
Overhead and program-wide expenses	na	5 798 589	1 116 445	476 206	na	na	476 519	96 774	79 849	10 220 576
Total public health	5 133 327	31 928 939	18 867 429	15 402 625	7 665 400	6 263 003	2 989 191	1 462 674	1 100 351	90 812 938
Medicare funding for radiographic breast	30 222 109	..	..	..	..	..	..	..	..	30 222 109

(a) Total for the Commonwealth excludes Public Health Outcome Funding Agreements (PHOFA) grants to the States, part of which is used to fund breast cancer screening activities. BreastScreen in each jurisdiction is a joint initiative funded by both the jurisdiction government and the Commonwealth under the PHOFA.

(b) The Commonwealth figure is for total direct and overhead expenditure and is made up of direct project expenditure, statistical and other program support, population health non-grant program costs and running costs. This expenditure by the Commonwealth excludes PHOFA grants to the States.

(c) Medicare funding for radiographic breast examinations is reported separately and excluded from public health funding because it is suspected that the majority of examinations performed were for patients showing possible symptoms of breast malignancy and so would not be considered to be public health.

(d) Victorian data includes depreciation

(e) ACT data includes expenditure on BreastScreen and the Cancer Registry.

(f) NT data 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.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: AIHW (Australian Institute of Health and Welfare) 2001, National public health expenditure report 1998-99 (Health and Welfare Expenditure Series), Canberra: AIHW.

Table 7A.7 Number of women screened by BreastScreen services, by age

	NSW (a)	Vic	Qld	WA	SA	Tas	ACT	NT
1996								
<40 years	86	na	na	34	na	na	na	na
40–44 years	18 638	5 538	na	2 999	2 658	1 952	1 048	na
45–49 years	30 540	10 525	na	10 589	6 152	3 017	1 974	na
50–54 years	42 973	32 796	na	12 149	10 637	3 314	2 370	na
55–59 years	38 742	30 971	na	10 514	9 940	3 028	1 707	na
60–64 years	32 831	26 894	na	8 911	8 447	2 551	1 213	na
65–69 years	31 606	25 583	na	7 062	7 892	2 092	933	na
70–74 years	19 645	14 946	na	1 760	1 897	554	291	na
75–79 years	6 973	3 674	na	544	592	184	150	na
80–84 years	2 156	828	na	152	140	55	34	na
80 + years	2 593	994	na	188	161	63	40	na
85 + years	437	166	na	36	21	8	6	na
Not stated	–	–	na	1	–	–	–	na
50–69 years	146 152	116 244	na	38 636	36 916	10 985	6 223	na
40+ years	224 541	151 921	na	54 716	48 375	16 755	9 726	na
1997								
<40 years	71	na	na	61	na	na	na	na
40–44 years	21 806	5 912	na	3 787	2 599	1 527	na	na
45–49 years	33 174	10 924	na	8 767	5 506	2 914	3 083	na
50–54 years	49 346	39 263	na	13 751	12 789	3 751	na	na
55–59 years	41 639	28 438	na	11 465	11 344	2 959	na	na
60–64 years	35 970	24 066	na	9 431	9 705	2 764	na	na
65–69 years	33 277	21 849	na	8 038	8 864	2 494	7 526	na
70–74 years	23 298	15 302	na	2 332	2 268	634	na	na
75–79 years	9 807	3 894	na	913	807	253	na	na
80–84 years	3 045	856	na	224	170	53	na	na
80+ years	3 598	1 029	na	277	195	59	575	–
85 + years	553	173	na	53	25	6	9	na
Not stated	–	–	na	1	–	–	–	na
50–69 years	160 232	113 620	na	42 685	42 702	11 968	7 526	na
40+ years	251 915	150 681	na	58 761	54 077	17 355	11 193	na
1998								
<40 years	100	na	na	27	na	na	na	na
40–44 years	25 392	6 453	na	3 859	3 475	2 006	na	na
45–49 years	37 879	11 695	na	9 188	7 187	3 422	2 972	na
50–54 years	51 400	40 983	na	15 333	14 420	4 517	na	na
55–59 years	43 679	32 135	na	12 071	11 165	3 713	na	na
60–64 years	37 763	28 147	na	10 367	10 182	3 077	na	na
65–69 years	33 841	25 174	na	8 563	8 797	2 563	7 532	na
70–74 years	25 806	19 076	na	2 399	3 327	810	na	na
75–79 years	10 643	4 177	na	946	1 198	317	na	na
80–84 years	3 302	773	na	238	311	68	504	na
80 + years	4 025	950	na	32	359	83	na	na

Table 7A.7 Number of women screened by BreastScreen services, by age

	NSW (a)	Vic	Qld	WA	SA	Tas	ACT	NT
85 + years	723	177	na	36	48	15	8	na
Not stated	–	–	na	–	–	–	–	na
50–69 years	166 683	126 444	na	46 334	44 564	13 870	7 526	na
40+ years	270 428	168 797	na	63 000	60 110	20 508	11 016	na
1999								
<40 years	49	na	na	57	na	na	na	na
40–44 years	22 987	6 189	na	3 975	3 333	1 437	na	na
45–49 years	36 405	11 206	na	8 112	6 698	2 927	3 007	na
50–54 years	52 318	45 284	na	14 063	15 532	4 291	na	na
55–59 years	44 746	32 879	na	11 945	13 081	3 753	na	na
60–64 years	39 054	27 715	na	10 204	11 380	3 256	na	na
65–69 years	33 639	23 897	na	8 439	9 559	2 735	8 736	na
70–74 years	26 507	19 045	na	2 179	3 205	633	na	na
75–79 years	13 315	4 342	na	871	1 110	282	na	na
80–84 years	4 158	644	na	172	256	61	505	na
80 + years	5 024	809	na	205	296	na	na	na
85 + years	866	165	na	33	40	7	8	na
Not stated	–	–	na	–	–	–	–	na
50–69 years	169 757	129 775	na	44 651	49 552	14 035	8 736	na
40+ years	273 995	171 366	na	59 993	64 194	19 382	12 256	na
2000								
<40 years	57	na	na	10	na	na	–	na
40–44 years	22 620	5 590	na	3 737	3 611	na	830	na
45–49 years	37 175	10 700	na	8 096	7 035	na	1 986	na
50–54 years	52 628	44 232	na	16 528	17 082	na	3 212	na
55–59 years	45 818	33 786	na	12 965	12 436	na	2 320	na
60–64 years	39 413	30 206	na	11 379	10 970	na	1 589	na
65–69 years	32 892	25 366	na	9 122	9 144	na	1 062	na
70–74 years	26 886	20 866	na	2 512	3 475	na	287	na
75–79 years	14 619	5 480	na	992	1 374	na	118	na
80–84 years	4 352	843	na	213	315	na	24	na
80 + years	–	–	–	–	–	–	–	–
85 + years	997	163	na	37	52	na	10	na
Not stated	–	–	na	–	–	na	–	na
50–69 years	170 751	133 590	na	49 994	49 632	na	8 183	na
40+ years	277 400	177 232	na	65 581	65 494	na	11 438	na

(a) NSW five-year age group data on women screened were based on the BreastScreen NSW Ten Year Statistical Report: 1988-98.

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

Source: State and Territory governments; AIHW et al. (Australian Institute of Health and Welfare, BreastScreen Australia and the National Cervical Screening Program) 1998, Breast and cervical cancer screening in Australia 1996 to 1997, AIHW Cat. No. CAN 3, Canberra: Australian Institute of Health and Welfare (cancer Series number 8).

Table 7A.8 Number of screens performed by BreastScreen services, by age

	NSW (a)	Vic	Qld	WA	SA	Tas	ACT	NT
1996								
<40 years	86	na	–	34	1	–	–	na
40–44 years	18 642	5 538	2 999	3 000	2 658	1 952	1 048	na
45–49 years	30 554	10 525	16 534	10 592	6 153	3 017	1 974	na
50–54 years	43 201	32 796	17 313	12 150	10 632	3 314	2 370	na
55–59 years	38 960	30 971	14 331	10 523	9 942	3 037	1 707	na
60–64 years	32 621	26 894	11 742	8 919	8 446	2 552	1 213	na
65–69 years	31 406	25 583	10 402	7 057	7 896	2 092	933	na
70–74 years	19 662	14 946	7 076	1 760	1 897	554	291	na
75–79 years	6 978	3 674	3 490	545	591	184	150	na
80–84 years	2 158	828	1 082	152	139	55	34	na
85 + years	437	166	240	36	21	8	6	na
Not stated	–	–	–	1	–	–	–	na
50–69 years	146 188	116 244	53 788	38 649	36 916	10 995	6 223	na
40+ years	224 619	151 921	94 003	54 734	48 376	16 765	9 726	na
1997								
<40 years	71	na	–	63	3	–	–	na
40–44 years	21 791	5 912	13 441	3 790	2 599	1 526	958	na
45–49 years	33 173	10 924	19 095	8 770	5 505	2 916	2 125	na
50–54 years	49 589	39 263	24 161	13 758	12 791	3 752	2 748	na
55–59 years	41 844	28 439	19 421	11 471	11 340	3 297	2 063	na
60–64 years	35 774	24 066	16 122	9 438	9 710	2 762	1 506	na
65–69 years	33 111	21 852	14 359	8 038	8 863	2 496	1 209	na
70–74 years	23 347	15 302	9 466	2 332	2 267	634	387	na
75–79 years	9 834	3 894	5 139	913	807	253	158	na
80–84 years	3 060	856	1 485	224	170	53	30	na
85 + years	554	173	312	53	25	6	9	na
Not stated	–	–	–	1	–	–	–	na
50–69 years	160 318	113 620	74 063	42 705	42 704	12 307	7 526	na
40+ years	252 077	150 681	123 001	58 787	54 080	17 695	11 193	na
1998								
<40 years	100	–	–	27	na	–	–	na
40–44 years	25 408	6 453	16 717	3 860	3 475	2 091	954	na
45–49 years	37 898	11 695	22 768	9 188	7 187	3 625	2 018	na
50–54 years	51 719	40 986	30 734	15 336	14 420	4 656	2 973	na
55–59 years	43 942	32 137	23 291	12 073	11 167	3 763	2 083	na
60–64 years	37 547	28 147	18 640	10 367	10 181	3 143	1 427	na
65–69 years	33 657	25 174	16 529	8 567	8 797	2 604	1 049	na
70–74 years	25 840	19 077	10 332	2 399	3 327	825	312	na
75–79 years	10 654	4 178	5 226	946	1 199	322	159	na
80–84 years	3 309	773	1 635	238	311	70	33	na

Table 7A.8 Number of screens performed by BreastScreen services, by age

	NSW (a)	Vic	Qld	WA	SA	Tas	ACT	NT
85 + years	724	177	395	36	48	15	8	na
Not stated	–	–	–	–	–	–	–	na
50–69 years	166 865	126 444	89 194	46 343	44 565	14 166	7 532	na
40+ years	270 698	168 797	146 267	63 010	60 112	21 114	11 016	na
1999								
<40 years	49	na	–	57	na	–	–	na
40–44 years	23 001	6 189	15 909	3 976	3 334	1 435	931	na
45–49 years	36 432	11 206	23 144	8 113	6 699	2 931	2 076	na
50–54 years	52 367	45 286	30 945	14 066	15 524	4 290	3 229	na
55–59 years	44 790	32 880	24 702	11 949	13 090	3 751	2 409	na
60–64 years	39 094	27 720	20 382	10 209	11 379	3 256	1 769	na
65–69 years	33 690	23 902	17 155	8 445	9 564	2 736	1 329	na
70–74 years	26 544	19 051	12 490	2 180	3 204	632	321	na
75–79 years	13 333	4 343	6 690	872	1 109	282	160	na
80–84 years	4 173	648	2 045	172	256	61	24	na
85 + years	865	165	469	33	40	7	8	na
Not stated	–	–	–	–	–	–	–	na
50–69 years	169 941	129 788	93 184	44 669	49 557	14 033	8 736	na
40+ years	274 289	171 390	153 931	60 015	64 199	19 381	12 256	na
2000								
<40 years	57	na	na	10	na	–	–	na
40–44 years	22 633	5 590	na	3 738	3 611	1 576	830	na
45–49 years	37 197	10 700	na	8 102	7 035	3 273	1 986	na
50–54 years	52 665	44 232	na	16 542	17 083	5 051	3 213	na
55–59 years	45 853	33 788	na	12 971	12 437	4 064	2 320	na
60–64 years	39 442	30 207	na	11 386	10 970	3 476	1 589	na
65–69 years	32 925	25 367	na	9 134	9 145	2 838	1 062	na
70–74 years	26 903	20 867	na	2 513	3 475	703	287	na
75–79 years	14 628	5 480	na	993	1 374	282	118	na
80–84 years	4 353	843	na	214	315	59	24	na
85 + years	998	163	na	37	52	19	10	na
Not stated	–	–	na	–	–	–	–	na
50–69 years	170 885	133 594	na	50 033	49 635	15 429	8 184	na
40+ years	277 597	177 237	na	65 630	65 497	21 341	11 439	na

(a) NSW five-year age group data on women screened were based on the BreastScreen NSW Ten Year Statistical Report: 1988-98.

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

Table 7A.9 Separations and separation rates for selected DRGs related to breast cancer, public hospitals, 1999-2000 (a) (b)

ARDRGs	Units	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A Major procedures for malignant breast conditions	no. separations	1 978.0	1 615.0	1 130.0	630.0	583.0	119.0	107.0	29.0	6 191.0
	separations/10 000	3.1	3.4	3.2	3.4	3.9	2.5	3.4	1.5	3.2
J07A Minor procedures for malignant breast conditions	no. separations	963.0	613.0	396.0	145.0	279.0	72.0	73.0	14.0	2 555.0
	separations/10 000	1.5	1.3	1.1	0.8	1.9	1.5	2.4	0.7	1.3
J10Z Skin, subcutaneous tissue and breast plastic O.R.	no. separations	2 001.0	1 527.0	1 472.0	682.0	829.0	130.0	93.0	38.0	6 772.0
	separations/10 000	3.1	3.2	4.2	3.6	5.5	2.8	3.0	2.0	3.6
J11Z Other skin, subcutaneous tissue and breast procedures	no. separations	9 753.0	7 677.0	10 035.0	3 426.0	4 992.0	822.0	502.0	237.0	37 444.0
	separations/10 000	15.2	16.2	28.4	18.3	33.4	17.5	16.2	12.2	19.7
J62A Malignant breast disorders age>69 W CC	no. separations	129.0	128.0	55.0	27.0	55.0	9.0	1.0	–	404.0
	separations/10 000	0.2	0.3	0.2	0.1	0.4	0.2	<0.1	..	0.2
J62B Malignant breast disorders (age<70 W CC) or (age>69 W/O CC)	no. separations	359.0	604.0	265.0	84.0	116.0	70.0	80.0	9.0	1 587.0
	separations/10 000	0.6	1.3	0.7	0.4	0.8	1.5	2.6	0.5	0.8
J62C Malignant breast disorders age<70 W/O CC	no. separations	112.0	395.0	108.0	140.0	57.0	37.0	30.0	1.0	880.0
	separations/10 000	0.2	0.8	0.3	0.7	0.4	0.8	1.0	0.1	0.5
R63Z Chemotherapy	no. separations	18 146.0	40 589.0	26 686.0	12 758.0	12 578.0	1 727.0	3 694.0	484.0	116 662.0
	separations/10 000	28.2	85.7	75.5	68.2	84.1	36.7	119.0	24.9	61.2
R64Z Radiotherapy	no. separations	230.0	37.0	8.0	22.0	6.0	2.0	3.0	–	308.0
	separations/10 000	0.4	0.1	<0.1	0.1	<0.1	<0.1	0.1	..	0.2

(a) DRGs=diagnosis related groups

(b) Some DRGs are only in part related to breast cancer, for example, J10Z and R63Z.

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

Attach07A.xls

Source: *AIHW (Australian Institute of Health and Welfare) 2001, Australian Hospital Statistics 1999-2000, <http://www.aihw.gov.au/publications/hse/ahs99-00/ahs99-00-xd1001.xls> (accessed 19 Sept 2001)*

Table 7A.10 Participation rates of women in BreastScreen Australia, bi-calendar years (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>
1996–1997									
40–49 years	23.8	9.9	24.4	19.2	15.3	27.6	23.7	15.3	19.3
50–54 years	53.0	55.4	42.2	52.3	54.2	52.7	55.8	43.6	51.7
55–59 years	56.6	56.1	44.2	55.2	61.1	56.7	60.2	46.7	54.6
60–64 years	54.8	54.3	43.8	54.7	58.0	54.4	58.9	36.9	53.1
65–69 years	51.8	51.6	40.1	47.9	52.5	48.4	53.4	33.3	49.4
70 plus years	20.5	16.8	18.4	8.0	6.8	7.0	11.7	11.3	16.4
40 plus years	36.0	30.5	31.0	30.9	30.4	33.5	35.5	25.4	32.6
50–69 years									
Crude rate	54.0	54.5	42.9	52.7	56.4	53.2	57.1	42.0	52.2
ASR	51.6	54.4	42.9	52.6	56.4	53.1	57.1	40.4	51.4
95% CI	51.5-51.8	54.3-54.6	42.7-43.1	52.3-52.9	56.1-56.8	52.5-53.7	56.3-57.9	39.2-41.6	51.3-51.5
1997–1998									
40–44 years	19.5	7.1	23.1	10.4	10.7	19.8	14.9	12.4	15.3
45–49 years	31.6	14.1	34.2	27.2	23.3	38.6	32.9	23.6	26.7
50–54 years	51.1	57.9	51.9	53.8	58.3	58.2	57.2	54.3	54.1
55–59 years	55.1	56.2	53.6	56.2	62.3	61.7	63.0	53.9	56.1
60–64 years	54.2	55.0	53.3	56.5	61.7	59.0	60.3	42.8	55.3
65–69 years	50.6	51.8	50.4	51.7	55.6	53.2	54.9	42.1	51.5
70–74 years	39.1	39.9	34.9	16.9	17.8	16.4	19.0	23.4	33.9
75–79 years	20.3	11.9	22.6	8.5	7.9	7.8	11.5	17.7	15.9
80–84 years	9.2	3.5	10.0	3.0	2.8	2.4	3.7	7.1	6.5
85 + years	2.2	0.9	2.7	0.7	0.5	0.5	1.3	0.4	1.6
40 plus years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crude rate	36.9	31.7	37.4	31.8	32.9	36.5	36.6	30.7	34.5
ASR	36.2	32.6	38.3	32.9	34.6	38.1	37.0	31.3	35.6
95% CI	36.2-36.3	32.5-32.7	38.2-38.4	32.8-33.1	34.5-34.8	37.7-38.4	36.6-37.5	30.6-32.0	35.5-35.7

Table 7A.10 Participation rates of women in BreastScreen Australia, bi-calendar years (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Ages 50–69									
Crude rate	52.7	55.5	52.7	54.6	59.4	58.2	58.9	50.8	54.3
ASR	52.7	55.4	52.7	54.6	59.5	58.2	58.9	48.6	54.3
95% CI	52.6–52.8	55.2–55.6	52.5–52.9	54.2–54.9	59.2–59.9	57.6–58.8	58.0–59.7	47.4–49.9	54.2–54.4
1998–1999									
40–44 years	19.7	7.2	24.5	10.6	11.9	19.2	14.8	na	na
45–49 years	32.4	14.0	36.5	25.7	25.2	38.0	32.4	na	na
50–54 years	50.3	58.6	55.0	52.1	60.4	58.4	58.2	na	na
55–59 years	55.0	57.6	57.2	56.5	64.8	62.6	64.2	na	na
60–64 years	55.2	57.1	57.7	57.5	65.4	61.3	62.3	na	na
65–69 years	51.5	53.3	54.9	52.7	58.4	54.4	57.5	na	na
70–74 years	41.5	43.4	39.6	16.2	20.9	16.4	16.9	na	na
75–79 years	22.5	11.7	24.7	8.0	5.8	7.9	10.6	na	na
80–84 years	10.7	3.0	11.5	2.7	3.2	2.5	3.2	na	na
85 + years	2.6	0.8	3.1	0.5	0.6	0.5	1.2	na	na
40 plus years									
Crude rate	36.9	32.6	na	31.5	33.7	36.9	37.2	na	na
ASR	36.9	33.5	na	32.7	na	na	37.2	na	na
Ages 50–69									
Crude rate	52.8	56.9	56.1	54.5	62.1	59.3	60.5	na	na
ASR	52.9	56.8	na	54.6	na	na	60.5	na	na

Table 7A.10 Participation rates of women in BreastScreen Australia, bi-calendar years (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>
1999–2000									
40–44 years	18.5	6.7	na	10.3	11.9	16.2	13.8	na	na
45–49 years	31.8	13.4	na	23.3	24.7	35.4	32.6	na	na
50–54 years	50.0	60.4	na	51.6	64.1	58.7	57.9	na	na
55–59 years	55.2	58.6	na	55.6	65.2	62.1	63.7	na	na
60–64 years	55.9	59.9	na	57.7	66.2	62.5	63.2	na	na
65–69 years	51.1	55.7	na	53.5	59.9	56.4	56.6	na	na
70–74 years	42.5	47.1	na	16.1	21.6	14.8	16.4	na	na
75–79 years	25.6	13.4	na	7.6	9.0	7.1	8.5	na	na
80–84 years	12.2	na	na	2.5	3.2	2.3	2.5	na	na
85 + years	2.9	na	na	0.5	0.5	0.5	1.2	na	na
40 plus years									
Crude rate	37.0	33.7	na	31.0	36.0	36.1	na	na	na
ASR	37.0	34.6	na	32.1	na	na	na	na	na
Ages 50–69									
Crude rate	52.8	58.9	na	54.3	64.0	59.9	na	na	na
ASR	52.9	58.8	na	54.5	na	na	na	na	na

(a) Rates are expressed as the percentage of the eligible female population. Rates for '40 plus years' and '50–69 years' are age-standardised to the Australian population at 30 June 1991, for years 1996–1997 and 1997–1998.

(b) NSW rates only include women resident in NSW. The rate in 1999–2000 expressed as percentage of estimated population in 1999.

(c) WA used June 1998 ERP as denominator for 1998–99 and June 1999 ERP as denominator for 1999–2000

ASR = Age standardised rate. CI = Confidence interval.

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

Source: State and Territory governments; AIHW et al. (Australian Institute of Health and Welfare, BreastScreen Australia and the National Cervical Screening Program) 1998, Breast and cervical cancer screening in Australia 1996 to 1997, AIHW Cat. No. CAN 3, Canberra: Australian Institute of Health and Welfare (cancer Series number 8); AIHW 2000b, BreastScreen Australia Achievement Report: 1997 and 1998, AIHW Cat. No. CAN 8. Canberra: Australian Institute of Health and Welfare (Cancer Series number 13); Queensland and SA governments (unpublished).

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
1996-1997								
Indigenous (b)								
Aged 40–49 years	15.3	na	24.9	15.1	11.3	18.6	18.0	na
Aged 50–69 years								
Crude	29.8	na	36.4	41.3	36.4	32.4	35.0	na
ASR	na	na	na	41.4	na	na	35.0	na
Aged 70 + years	15.5	na	na	15.2	10.6	26.0	15.0	na
Total (40+)								
Crude	21.4	na	na	25.9	21.6	24.4	23.0	na
ASR	na	na	na	27.2	na	na	23.0	na
NESB (c)								
Aged 40–49 years	15.5	9.1	27.7	19.3	14.9	10.7	25.0	na
Aged 50–69 years								
Crude	41.8	50.5	50.0	50.8	50.6	30.3	57.0	na
ASR	na	na	na	50.8	na	na	57.0	na
Aged 70 + years	15.7	21.9	na	6.7	6.6	5.1	13.0	na
Total (40+)								
Crude	26.9	31.7	na	30.3	30.7	18.6	37.0	na
ASR	na	na	na	30.7	na	na	37.0	na
Metropolitan or capital city (all women) (d)								
Aged 40–49 years	22.0	9.4	19.9	18.1	15.1	23.3	24.0	na
Aged 50–69 years								
Crude	51.0	55.1	39.2	52.1	53.8	48.6	57.0	na
ASR	na	na	na	52.0	na	na	57.0	na
Aged 70 + years	19.2	25.3	na	7.7	6.0	5.9	12.0	na

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
Total (40+)								
Crude	33.5	33.0	na	30.0	28.7	29.7	36.0	na
ASR	na	na	na	31.3	na	na	36.0	na
Rural and remote or Rest of State (all women) (e)								
Aged 40–49 years	25.1	12.3	31.3	22.8	16.0	29.2	na	na
Aged 50–69 years								
Crude	53.5	63.9	47.4	58.1	61.1	50.6	na	na
ASR	na	na	na	58.0	na	na	na	na
Aged 70 + years	20.6	29.4	na	9.4	9.1	7.2	na	na
Total (40+)								
Crude	36.6	39.4	na	35.4	34.2	33.4	na	na
ASR	na	na	na	36.1	na	na	na	na
1997-1998								
Indigenous (b)								
Aged 40–49 years	16.3	na	27.9	15.0	12.0	20.2	16.0	na
Aged 50–69 years								
Crude	32.8	na	45.5	41.9	42.0	39.9	44.0	na
ASR	na	na	na	42.0	na	na	44.0	na
Aged 70 + years	19.3	na	na	15.8	11.0	6.7	8.0	na
Total (40+)								
Crude	23.5	na	na	26.1	23.9	26.4	25.0	na
ASR	na	na	na	27.5	na	na	25.0	na
NESB (c)								
Aged 40–49 years	17.4	9.6	32.7	18.5	16.0	11.9	26.0	na
Aged 50–69 years								
Crude	44.6	54.0	61.2	55.5	54.6	34.3	58.0	na

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
ASR	na	na	na	55.5	na	na	58.0	na
Aged 70 + years	18.2	25.4	na	8.0	8.5	5.7	11.0	na
Total (40+)								
Crude	29.3	34.1	na	32.3	33.4	20.6	38.0	na
ASR	na	na	na	32.9	na	na	38.0	na
Metropolitan or capital city (all women) (d)								
Aged 40–49 years	24.6	9.8	24.8	16.9	16.3	25.0	24.0	na
Aged 50–69 years								
Crude	52.0	54.3	49.1	52.6	57.2	56.1	59.0	na
ASR	na	na	na	52.6	na	na	59.0	na
Aged 70 + years	21.6	26.5	na	8.2	8.2	5.6	12.0	na
Total (40+)								
Crude	35.6	33.3	na	30.0	31.2	33.4	37.0	na
ASR	na	na	na	31.3	na	na	37.0	na
Rural and remote or Rest of State (all women) (e)								
Aged 40–49 years	28.2	12.8	34.1	24.1	18.7	31.2	na	na
Aged 50–69 years								
Crude	56.4	62.4	57.0	64.6	66.2	56.3	na	na
ASR	na	na	na	64.5	na	na	na	na
Aged 70 + years	23.8	31.7	na	12.5	12.1	8.8	na	na
Total (40+)								
Crude	39.6	39.7	na	39.7	38.0	36.9	na	na
ASR	na	na	na	40.2	na	na	na	na

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
1998-1999								
Indigenous (b)								
Aged 40–49 years	16.7	na	33.4	15.2	14.0	19.8	20.0	na
Aged 50–69 years								
Crude	35.1	na	54.4	42.7	43.0	42.5	52.0	na
ASR	na	na	na	42.8	na	na	52.0	na
Aged 70 + years	19.3	na	na	11.4	13.0	6.7	14.0	na
Total (40+)								
Crude	24.8	na	na	26.1	25.7	27.2	30.0	na
ASR	na	na	na	27.2	na	na	30.0	na
NESB (c)								
Aged 40–49 years	18.5	9.7	35.5	17.3	16.6	12.3	26.0	na
Aged 50–69 years								
Crude	46.7	57.2	65.6	56.0	57.7	33.8	59.0	na
ASR	na	na	na	56.1	na	na	59.0	na
Aged 70 + years	20.2	28.5	na	7.6	9.7	6.6	9.0	na
Total (40+)								
Crude	31.0	36.2	na	32.1	35.4	21.1	39.0	na
ASR	na	na	na	32.7	na	na	39.0	na
Metropolitan or capital city (all women) (d)								
Aged 40–49 years	25.3	9.9	27.0	16.1	17.6	25.0	24.0	na
Aged 50–69 years								
Crude	52.1	55.8	53.5	51.4	60.3	58.6	61.0	na
ASR	na	na	na	51.6	na	na	61.0	na
Aged 70 + years	23.2	27.9	na	7.3	9.4	7.6	10.0	na
Total (40+)								
Crude	36.1	34.4	na	29.1	33.3	34.8	37.0	na
ASR	na	na	na	30.4	na	na	37.0	na

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
Rural and remote or Rest of State (all women) (e)								
Aged 40–49 years	28.3	12.7	35.2	23.1	20.8	30.7	na	na
Aged 50–69 years								
Crude	57.3	63.7	59.8	63.8	68.2	58.6	na	na
ASR	na	na	na	63.9	na	na	na	na
Aged 70 + years	25.4	33.6	na	12.8	13.3	9.0	na	na
Total (40+)								
Crude	40.5	40.6	na	39.0	39.8	37.8	na	na
ASR	na	na	na	39.7	na	na	na	na
1999-2000								
Indigenous (b)								
Aged 40–49 years	17.0	na	na	15.2	17.0	18.6	24.0	na
Aged 50–69 years								
Crude	37.8	na	na	43.5	48.0	43.6	49.0	na
ASR	na	na	na	43.9	na	na	49.0	na
Aged 70 + years	20.3	na	na	12.8	17.0	5.8	14.0	na
Total (40+)								
Crude	26.0	na	na	26.6	30.1	26.8	32.0	na
ASR	na	na	na	28.0	na	na	32.0	na
NESB (c)								
Aged 40–49 years	18.4	9.4	na	16.2	16.2	11.0	26.0	na
Aged 50–69 years								
Crude	47.7	60.9	na	58.3	60.3	32.1	59.0	na
ASR	na	na	na	58.4	na	na	59.0	na
Aged 70 + years	21.9	32.1	na	7.6	9.5	5.6	8.0	na
Total (40+)								
Crude	31.7	38.4	na	32.6	36.5	19.6	38.0	na
ASR	na	na	na	33.4	na	na	38.0	na

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	NSW (g)	Vic (a)	Qld	WA (f)	SA	Tas	ACT	NT
Metropolitan or capital city (all women) (d)								
Aged 40–49 years	24.3	9.2	na	15.1	17.1	23.5	23.0	na
Aged 50–69 years								
Crude	51.3	56.4	na	51.5	62.8	60.7	60.0	na
ASR	na	na	na	51.8	na	na	60.0	na
Aged 70 + years	24.4	29.6	na	7.1	9.3	7.2	9.0	na
Total (40+)								
Crude	35.9	34.8	na	28.9	34.4	35.2	37.0	na
ASR	na	na	na	30.1	na	na	37.0	na
Rural and remote or Rest of State (all women) (e)								
Aged 40–49 years	26.8	12.0	na	21.0	21.0	27.3	na	na
Aged 50–69 years								
Crude	57.0	65.6	na	62.5	67.5	60.3	na	na
ASR	na	na	na	62.7	na	na	na	na
Aged 70 + years	26.5	36.1	na	12.7	14.1	7.9	na	na
Total (40+)								
Crude	40.2	41.8	na	37.7	39.7	37.2	na	na
ASR	na	na	na	38.4	na	na	na	na

(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 ABS ERP data. Where service boundaries cross state localised areas, calculation of resident women to be 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 post-code or SLA. Reference period is 24 months.

(g) NSW ATSI rates only include women resident in NSW. The ATSI rates are expressed as a percentage of 1996 Census Population. NSW NESB rates only include women resident in NSW. The NESB rates are expressed as a percentage of 1996 Census Population. NSW metropolitan and rest of state rates only include women resident in NSW. The rate in 1999-2000 expressed as percentage of estimated population in 1999 (ERP 2000 not available).

(b) Indigenous is defined as women who have self identified as being Aboriginal or Torres Strait Islander.

Table 7A.11 Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)

	<i>NSW (g)</i>	<i>Vic (a)</i>	<i>Qld</i>	<i>WA (f)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
(c) NESB is defined as persons who speak a language other than English at home.								
(d) Metropolitan' includes 'capital city' (State and Territory capital city statistical divisions) and 'other metropolitan centre' (one or more statistical subdivisions that have an urban centre with a population of 100 000 or more).								
(e) Rural and remote' includes 'large rural centre' (SLAs where most of the population resides in urban centres with a population of 25 000 or more), 'small rural centre' (SLAs in rural zones containing urban centres with populations between 10 000 and 24 999), 'other rural area' (all remaining SLAs in the rural zone), 'remote centre' (SLAs in the remote zone containing populations of 5000 or more) and 'other remote area' (all remaining SLAs in the remote zone).								
(f) For WA, total is for all ages, not just women aged 40+. In addition, the metropolitan/rural and remote totals may not add up to the total number of women screened for each year since the area/region of residence for some women is unknown. – Nil or rounded to zero. .. Not applicable. na Not available.								

Table 7A.12 Rate of small diameter invasive cancers detected, per 10 000 women screened, all rounds of screening (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>
1996									
40–44 years	6.4	1.8	4.2	6.7	3.8	5.1	–	na	na
45–49 years	9.5	7.6	6.0	4.7	4.9	19.9	–	na	na
50–54 years	10.9	7.6	11.0	11.5	10.3	6.1	4.2	na	na
55–59 years	14.2	13.9	11.2	14.3	17.1	6.6	–	na	na
60–64 years	15.5	14.5	19.6	18.0	24.9	31.3	–	na	na
65–69 years	24.6	25.0	19.2	17.0	19.0	4.8	21.4	na	na
70–74 years	21.8	21.4	22.6	22.7	10.5	–	–	na	na
75–79 years	30.0	21.8	25.8	36.8	67.7	–	–	na	na
80–84 years	27.8	24.2	18.5	–	–	181.8	–	na	na
85 + years	–	60.2	–	–	–	–	–	na	na
Total 40+									
Crude no.	15.2	14.7	12.8	12.8	15.3	12.5	3.1	na	na
Age-standardised rate	na	13.4	na	12.8	na	na	3.1	na	na
50–69 years									
Crude no.	15.8	14.7	14.5	14.8	17.3	11.8	4.8	na	na
Age-standardised rate	na	14.8	na	15.0	na	na	4.8	na	na
Not stated	–	–	na	–	na	–	–	na	na
1997									
40–44 years	3.2	6.8	2.2	5.3	–	–	–	na	na
45–49 years	5.7	5.5	4.2	5.7	5.4	3.4	4.7	na	na
50–54 years	9.1	11.2	11.2	10.2	16.4	2.7	36.0	na	na
55–59 years	15.3	13.7	11.8	13.1	15.9	9.1	24.3	na	na
60–64 years	19.7	14.5	16.7	17.0	11.3	10.9	–	na	na
65–69 years	19.8	23.3	16.0	14.9	22.6	–	24.8	na	na
70–74 years	23.5	30.7	31.7	17.2	30.9	15.8	–	na	na

Table 7A.12 Rate of small diameter invasive cancers detected, per 10 000 women screened, all rounds of screening (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>
75–79 years	23.4	38.5	35.0	21.9	49.6	78.7	–	na	na
80–84 years	36.0	58.4	20.2	–	117.6	–	33.3	na	na
85 + years	36.2	57.8	32.1	–	400.0	–	–	na	na
Total 40+									
Crude no.	14.4	16.4	13.3	11.7	16.1	6.2	9.8	na	na
Age-standardised rate	na	17.2	na	10.7	na	na	9.8	20.7	na
50–69 years									
Crude no.	15.3	14.9	13.5	13.4	16.4	5.7	12.0	na	na
Age-standardised rate	na	15.4	na	13.6	na	na	12.0	23.2	na
Not stated	–	–	na	–	na	–	–	na	na
1998									
40–44 years	2.8	1.5	4.2	–	2.9	–	10.5	–	na
45–49 years	6.1	10.3	6.6	5.5	5.6	5.8	–	14.3	na
50–54 years	9.1	13.2	10.1	7.8	11.1	19.9	16.8	8.3	na
55–59 years	15.3	15.2	10.7	18.2	14.3	10.8	24.0	15.9	na
60–64 years	14.3	24.2	20.4	17.4	19.7	26.0	18.4	59.0	na
65–69 years	24.8	22.2	16.3	30.3	15.9	27.3	19.1	–	na
70–74 years	21.7	28.3	35.8	20.9	30.1	–	–	–	na
75–79 years	33.8	28.7	34.4	21.2	25.0	94.6	–	344.8	na
80–84 years	15.1	64.7	24.5	–	129.4	–	–	–	na
85 + years	27.7	–	101.3	–	–	666.7	–	–	na
Total 40+									
Crude no.	14.1	18.4	14.1	14.5	15.2	18.5	13.8	na	na
Age-standardised rate	na	na	na	na	na	na	na	25.6	na
50–69 years									
Crude no.	15.1	18.0	13.6	17.0	14.8	20.3	19.5	na	na

Table 7A.12 Rate of small diameter invasive cancers detected, per 10 000 women screened, all rounds of screening (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>
Age-standardised rate	na	na	na	na	na	na	na	19.9	na
Not stated	na	na	na	na	na	na	–	na	na
1999									
40–44 years	5.2	4.8	4.4	5.0	–	–	–	na	na
45–49 years	4.1	8.9	9.1	4.9	–	3.4	–	na	na
50–54 years	8.8	11.5	10.7	14.2	10.3	9.3	15.5	na	na
55–59 years	13.6	12.5	16.2	17.6	17.6	24.0	16.6	na	na
60–64 years	13.6	19.1	19.6	28.4	23.7	12.3	28.3	na	na
65–69 years	16.1	29.3	23.9	27.3	19.9	14.6	22.6	na	na
70–74 years	21.1	27.8	26.4	36.7	15.6	15.8	31.2	na	na
75–79 years	19.5	50.7	26.9	45.9	18.0	–	125.0	na	na
80–84 years	19.2	–	44.0	58.1	–	–	–	na	na
85 + years	23.1	60.6	21.3	–	–	–	–	na	na
Total 40+									
Crude no.	12.2	17.8	15.8	18.7	14.3	11.9	16.3	na	na
Age-standardised rate	na	16.9	na	19.0	na	na	16.3	na	na
50–69 years									
Crude no.	12.6	16.6	16.5	20.8	17.2	15.0	19.5	na	na
Age-standardised rate	na	17.6	na	21.5	na	na	19.5	na	na
Not stated	–	–	na	–	na	–	–	na	na
2000									
40–44 years	4.9	5.4	na	2.7	2.8	6.3	12.0	na	na
45–49 years	4.8	14.0	na	7.4	8.5	6.1	5.0	na	na
50–54 years	10.8	10.2	na	8.5	14.0	9.9	15.6	na	na
55–59 years	15.7	18.9	na	12.3	17.7	14.8	25.9	na	na
60–64 years	12.4	21.8	na	20.2	22.8	31.6	25.2	na	na

Table 7A.12 **Rate of small diameter invasive cancers detected, per 10 000 women screened, all rounds of screening (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>
65–69 years	16.7	18.1	na	28.5	26.2	17.6	18.8	na	na
70–74 years	21.6	31.6	na	23.9	20.1	71.1	–	na	na
75–79 years	19.2	23.7	na	20.2	43.7	–	–	na	na
80–84 years	27.6	11.9	na	–	95.2	–	–	na	na
85 + years	30.1	122.7	na	–	–	–	–	na	na
Total 40+									
Crude no.	13.1	18.1	na	14.3	18.0	16.4	16.6	na	na
Age-standardised rate	na	18.1	na	12.3	na	na	16.6	na	na
50–69 years									
Crude no.	13.6	16.5	na	15.8	19.1	17.5	20.8	na	na
Age-standardised rate	na	17.0	na	16.8	na	na	20.8	na	na
Not stated	–	–	na	–	na	–	–	na	na

(a) Number of small invasive cancers (with diameter equal to or less than 10mm) detected on the first or subsequent attendance expressed as a rate per 10 000 women screened.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: State and Territory governments

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	NSW	Vic (b)	Qld	WA	SA	Tas	ACT	NT
1996								
Grade 1								
10mm or less	105	90	49	28	33	6	1	na
11mm to 15mm	69	71	31	23	23	1	7	na
> 15mm	34	39	16	20	21	1	5	na
Unknown size	3	3	1	–	1	–	–	na
All grade 1 cancers	211	203	97	71	78	8	13	na
Grade 2								
10mm or less	76	76	53	31	20	10	1	na
11mm to 15mm	82	114	52	26	18	5	1	na
> 15mm	102	114	50	30	28	12	3	na
Unknown size	3	4	3	–	2	1	–	na
All grade 2 cancers	263	308	158	87	68	28	5	na
Grade 3								
10mm or less	29	33	9	11	4	3	1	na
11mm to 15mm	23	32	22	6	5	1	–	na
> 15mm	67	82	40	11	14	5	6	na
Unknown size	4	2	–	–	1	–	1	na
All grade 3 cancers	123	149	71	28	24	9	8	na
Grade unknown or undifferentiated								
10mm or less	20	24	9	54	17	3	–	na
11mm to 15mm	3	18	12	46	3	4	1	na
> 15mm	9	15	14	54	5	1	2	na
Unknown size	2	2	4	5	–	–	3	na
All unknown or undifferentiated	34	59	39	159	25	8	6	na
All grades								
10mm or less	230	223	120	124	74	22	3	na

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
11mm to 15mm	177	235	117	101	49	11	9	na
> 15mm	212	250	120	115	68	19	16	na
Unknown size	12	11	8	5	6	1	4	na
Total	631	719	365	345	197	53	32	na
1997								
Grade 1								
10mm or less	120	92	55	39	47	6	6	na
11mm to 15mm	76	66	39	32	38	5	5	na
> 15mm	41	34	30	17	23	7	2	na
Unknown size	2	7	1	–	–	1	–	na
All grade 1 cancers	239	199	125	88	108	19	13	na
Grade 2								
10mm or less	89	115	66	36	22	3	3	na
11mm to 15mm	76	88	57	25	29	11	9	na
> 15mm	105	92	91	46	34	3	13	na
Unknown size	5	8	1	–	–	–	–	na
All grade 2 cancers	275	303	215	107	85	17	25	na
Grade 3								
10mm or less	26	21	28	10	5	1	–	na
11mm to 15mm	26	28	30	10	6	3	–	na
> 15mm	66	69	55	11	20	3	2	na
Unknown size	1	4	–	–	1	–	–	na
All grade 3 cancers	119	122	113	31	32	7	2	na
Grade unknown or undifferentiated								
10mm or less	10	19	14	61	14	1	2	na
11mm to 15mm	1	8	14	50	3	1	3	na
> 15mm	4	19	12	62	5	1	2	na

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Unknown size	1	11	6	3	1	–	–	na
All unknown or undifferentiated	16	57	46	176	23	3	7	na
All grades								
10mm or less	245	247	163	146	89	11	11	na
11mm to 15mm	179	190	140	117	76	20	17	na
> 15mm	216	214	188	136	83	14	19	na
Unknown size	9	30	8	3	5	1	–	na
Total	649	681	499	402	253	46	47	na
1998								
Grade 1								
10mm or less	121	138	81	50	49	12	7	na
11mm to 15mm	70	74	53	27	41	7	3	na
> 15mm	55	45	42	16	23	3	5	na
Unknown size	5	2	1	1	1	–	–	na
All grade 1 cancers	251	259	177	94	114	22	15	na
Grade 2								
10mm or less	98	120	75	34	29	13	5	na
11mm to 15mm	69	85	83	35	32	11	4	na
> 15mm	105	114	108	43	41	14	5	na
Unknown size	2	5	2	–	2	1	–	na
All grade 2 cancers	274	324	268	112	104	39	14	na
Grade 3								
10mm or less	28	26	35	6	6	5	1	na
11mm to 15mm	26	25	26	3	12	2	1	na
> 15mm	64	60	61	23	20	5	3	na
Unknown size	2	1	–	–	–	–	–	na
All grade 3 cancers	120	112	122	32	38	12	5	na

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	NSW	Vic (b)	Qld	WA	SA	Tas	ACT	NT
Grade unknown or undifferentiated								
10mm or less	6	27	15	74	3	5	1	na
11mm to 15mm	3	13	7	50	1	1	1	na
> 15mm	5	10	11	70	6	1	–	na
Unknown size	1	9	2	–	3	1	2	na
All unknown or undifferentiated	15	59	35	194	13	8	4	na
All grades								
10mm or less	253	311	206	164	87	35	14	na
11mm to 15mm	168	197	169	115	86	21	9	na
> 15mm	229	229	222	152	90	23	13	na
Unknown size	10	17	5	1	6	2	2	na
Total	660	754	602	432	269	81	38	na
1999								
Grade 1								
10mm or less	156	126	107	54	59	6	11	na
11mm to 15mm	117	71	68	40	38	7	6	na
> 15mm	77	45	57	13	29	7	6	na
Unknown size	3	3	–	1	–	–	–	na
All grade 1 cancers	353	245	232	108	126	20	23	na
Grade 2								
10mm or less	107	130	71	38	21	11	3	na
11mm to 15mm	128	91	86	35	34	10	4	na
> 15mm	159	128	103	56	41	14	12	na
Unknown size	3	7	–	–	1	–	–	na
All grade 2 cancers	397	356	260	129	97	35	19	na
Grade 3								
10mm or less	42	31	41	17	7	1	6	na

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	NSW	Vic (b)	Qld	WA	SA	Tas	ACT	NT
11mm to 15mm	44	38	34	12	13	5	2	na
> 15mm	88	62	79	26	10	4	3	na
Unknown size	na	1	3	–	–	1	–	na
All grade 3 cancers	174	132	157	55	30	11	11	na
Grade unknown or undifferentiated								
10mm or less	28	18	24	–	5	4	1	na
11mm to 15mm	8	8	15	–	–	–	1	na
> 15mm	10	15	21	1	4	–	1	na
Unknown size	12	4	3	1	6	–	–	na
All unknown or undifferentiated	58	45	63	2	15	4	3	na
All grades								
10mm or less	333	305	243	109	92	22	21	na
11mm to 15mm	297	208	203	87	85	22	13	na
> 15mm	334	250	260	96	84	25	22	na
Unknown size	18	15	6	2	7	1	–	na
Total	982	778	712	294	268	70	56	na
2000								
Grade 1								
10mm or less	187	147	na	43	64	22	13	na
11mm to 15mm	122	77	na	30	37	12	14	na
> 15mm	78	48	na	13	43	7	8	na
Unknown size	4	–	na	–	–	–	–	na
All grade 1 cancers	391	272	na	86	144	41	35	na
Grade 2								
10mm or less	120	124	na	40	45	7	5	na
11mm to 15mm	122	121	na	48	42	10	5	na
> 15mm	188	152	na	44	46	4	7	na

Table 7A.13 Numbers of detected invasive cancers, by size and grade (all ages) (a)

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Unknown size	7	2	na	–	1	–	–	na
All grade 2 cancers	437	399	na	132	134	21	17	na
Grade 3								
10mm or less	38	23	na	7	8	4	1	na
11mm to 15mm	46	41	na	10	10	2	5	na
> 15mm	101	79	na	24	25	7	2	na
Unknown size	8	4	na	–	–	–	–	na
All grade 3 cancers	193	147	na	41	43	13	8	na
Grade unknown or undifferentiated								
10mm or less	18	27	na	3	1	2	–	na
11mm to 15mm	5	14	na	1	–	–	–	na
> 15mm	8	13	na	–	–	1	–	na
Unknown size	3	8	na	–	9	–	–	na
All unknown or undifferentiated	34	62	na	4	10	3	–	na
All grades								
10mm or less	363	321	na	93	120	35	19	na
11mm to 15mm	295	253	na	89	89	24	24	na
> 15mm	375	292	na	81	114	19	17	na
Unknown size	22	14	na	–	10	–	–	na
Total	1 055	880	na	263	333	78	60	na

(a) Non-breast malignancies not counted.

(b) Data sourced from the relevant Annual Statistical Report of BreastScreen Victoria. Excludes women aged less than 40 years old.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Table 7A.14 Interval cancer rate for women by age, per 10 000 women screened (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>1996 (d) (e)</i>								
First screening round								
0–12 months following a 1996 screening episode								
Asymptomatic								
40–49 years	9.7	5.2	8.9	5.3	5.6	–	9.6	–
50–59 years	6.9	5.9	1.8	7.0	8.7	5.8	–	–
60–69 years	6.9	4.8	3.2	2.3	3.5	–	30.9	–
70 + years	6.1	3.9	3.1	–	–	–	–	–
All ages	7.5	5.2	3.8	4.4	5.5	2.3	10.6	–
50–69 years	6.9	5.5	2.4	5.0	6.5	3.4	12.8	–
Symptomatic (f)								
40–49 years	na	–	–	–	–	–	–	–
50–59 years	na	14.3	–	181.8	–	–	–	–
60–69 years	na	36.2	–	–	–	–	–	–
70 + years	na	–	87.0	–	–	–	–	–
All ages	na	15.7	10.8	71.0	–	–	–	–
50–69 years	na	23.4	–	106.2	–	–	–	–
Subsequent screening round, 0–12 months following a 1996 screening episode								
Asymptomatic								
40–49 years	6.5	2.7	3.1	10.4	4.3	3.5	–	–
50–59 years	8.3	8.4	4.9	4.4	5.7	4.6	8.4	–
60–69 years	5.2	6.1	5.5	7.1	8.4	5.8	7.1	–
70 + years	8.5	2.6	7.8	–	–	–	–	–
All ages	7.0	5.9	5.1	5.8	5.5	4.1	5.3	–
50–69 years	6.9	7.5	5.2	5.5	6.8	5.1	7.9	–
Symptomatic								
40–49 years	na	–	–	–	–	–	–	–
50–59 years	na	13.8	51.2	–	–	58.1	–	–
60–69 years	na	59.9	22.5	–	–	–	–	–
70 + years	na	–	–	–	–	–	–	–
All ages	na	22.0	26.2	–	–	22.7	–	–
50–69 years	na	33.0	39.2	–	–	33.1	–	–
<i>1997</i>								
First screening round (0-12 months)								
Asymptomatic and symptomatic								
40–49 years	10.6	6.3	4.4	8.7	2.7	6.1	8.9	na
50–59 years	8.7	na	na	na	na	na	na	na
60–69 years	5.9	na	na	na	na	na	na	na
70 + years	5.8	7.6	2.4	–	–	30.8	–	na
All ages	8.5	8.0	5.2	6.6	5.4	7.5	3.8	na
50–69 years	7.7	8.0	6.2	6.2	7.3	4.9	–	na
Subsequent screening round (0-12 months)								

Table 7A.14 Interval cancer rate for women by age, per 10 000 women screened (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>
Asymptomatic and symptomatic				–				
40–49 years	10.5	9.0	3.1	5.3	20.7	10.7	20.4	na
50–59 years	8.0	na	na	na	na	na	na	na
60–69 years	8.6	na	na	na	na	na	na	na
70 + years	4.6	5.0	4.4	10.1	4.4	16.1	–	na
All ages	8.0	6.0	5.7	9.4	9.0	10.2	12.8	na
50–69 years	8.3	6.0	7.0	10.1	7.9	9.7	11.2	na
1998								
First screening round (0-12 months)								
Asymptomatic and symptomatic								
40–49 years	na	na	na	4.7	7.2	4.4	7.9	na
50–59 years	na	na	na	3.9	18.2	–	–	na
60–69 years	na	na	na	4.7	5.6	13.1	–	na
70 + years	na	na	na	–	–	–	–	na
All ages	na	na	na	4.1	11.0	3.8	3.6	na
50–69 years	na	na	na	4.2	15.4	3.7	–	na
Subsequent screening round (0-12 months)								
Asymptomatic and syn								
40–49 years	na	na	na	13.5	13.8	8.8	–	na
50–59 years	na	na	na	9.5	7.2	10.7	7.5	na
60–69 years	na	na	na	7.3	8.8	8.0	18.3	na
70 + years	na	na	na	–	2.6	11.5	30.9	na
All ages	na	na	na	8.8	8.2	9.5	9.7	na

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

(b) 1997 data preliminary. Data for 1998 onwards not available until June 2001.

(d) Data for 1996 are sourced from AIHW 2000d, BreastScreen Australia Achievement Report: 1997 and 1998, AIHW Cat. No. CAN 8. Canberra: Australian Institute of Health and Welfare (Cancer Series number 13).

(e) Rates are expressed as number of invasive cancers per 10 000 women screened and standardised to the Australian population of women attending a BreastScreen service in 1998.

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

(g) NSW data for 1996 include symptomatic and asymptomatic.

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

Source: Jurisdictions; AIHW 2000b, BreastScreen Australia Achievement Report: 1997 and 1998, AIHW Cat. No. CAN 8. Canberra: Australian Institute of Health and Welfare (Cancer Series number 13).

Table 7A.15 Ratio of benign to malignant diagnostic open biopsies

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (a)</i>	<i>ACT (a)</i>	<i>NT</i>
1996								
First round attendance								
40–49 years	1.66	na	1.50	1.20	0.50	1.20	na	na
50–69 years	0.75	na	0.50	0.50	0.50	0.60	na	na
70 + years	0.44	na	0.30	0.20	0.10	0.80	na	na
All ages	0.78	na	0.60	0.60	0.40	0.70	0.40	1.50
Subsequent round attendance								
40–49 years	1.44	na	1.40	1.30	0.56	0.50	na	na
50–69 years	0.56	na	0.58	0.20	0.22	0.40	na	na
70 + years	0.28	na	0.26	0.40	0.13	0.00	na	na
All ages	0.57	na	0.65	0.30	0.20	0.50	0.50	na
All rounds of attendance (b)								
40–49 years	1.58	na	1.44	1.20	0.16	0.90	na	na
50–69 years	0.66	na	0.55	0.30	0.32	0.50	na	na
70 + years	0.38	na	0.26	0.20	0.09	0.60	na	na
All ages	0.69	na	0.64	0.40	0.30	0.60	0.44	na
1997								
First round attendance								
40–49 years	1.62	na	1.10	1.00	0.53	0.70	na	na
50–69 years	0.67	na	0.39	0.50	0.42	0.40	na	na
70 + years	0.29	na	0.27	0.30	0.17	0.40	na	na
All ages	0.71	na	0.48	0.60	0.40	0.50	0.60	0.83
Subsequent round attendance								
40–49 years	2.64	na	1.12	0.60	0.27	1.00	na	na
50–69 years	0.57	na	0.43	0.30	0.23	0.40	na	na
70 + years	0.35	na	0.24	0.20	0.13	0.20	na	na
All ages	0.60	na	0.46	0.30	0.20	0.50	2.50	2.00
All rounds of attendance (b)								
40–49 years	1.86	na	1.11	0.90	0.41	0.90	na	na
50–69 years	0.62	na	0.41	0.40	0.28	0.40	na	na
70 + years	0.32	na	0.25	0.20	0.15	0.30	na	na
All ages	0.65	na	0.47	0.40	0.30	0.50	1.40	1.13
1998								
First round attendance								
40–49 years	1.80	na	1.06	1.20	1.57	1.00	na	na
50–69 years	0.70	na	0.58	0.70	0.62	0.80	na	na
70 + years	0.27	na	0.21	1.00	0.06	0.30	na	na
All ages	0.80	na	0.60	0.80	0.60	0.80	3.50	0.50
Subsequent round attendance								
40–49 years	0.93	na	0.85	1.20	0.43	1.20	na	na
50–69 years	0.67	na	0.37	0.30	0.25	0.30	na	na
70 + years	0.28	na	0.28	0.04	0.17	0.20	na	na
All ages	0.60	na	0.41	0.30	0.30	0.40	1.00	0.80

Table 7A.15 **Ratio of benign to malignant diagnostic open biopsies**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (a)</i>	<i>ACT (a)</i>	<i>NT</i>
All rounds of attendance (b)								
40–49 years	1.38	na	0.98	0.60	0.89	1.10	na	na
50–69 years	0.68	na	0.47	0.40	0.33	0.60	na	na
70 + years	0.27	na	0.25	0.20	0.13	0.20	na	na
All ages	0.67	na	0.50	0.50	0.40	0.60	1.80	0.67
1999								
First round attendance								
40–49 years	1.57	na	0.88	0.80	0.50	1.40	na	na
50–69 years	0.75	na	0.29	0.40	0.50	0.80	na	na
70 + years	0.30	na	0.11	0.10	0.08	0.00	na	na
All ages	0.81	na	0.38	0.40	0.40	0.70	0.50	na
Subsequent round attendance								
40–49 years	1.68	na	0.76	0.30	0.29	1.00	na	na
50–69 years	0.46	na	0.29	0.20	0.21	0.20	na	na
70 + years	0.47	na	0.14	0.09	0.29	0.60	na	na
All ages	0.54	na	0.31	0.20	0.20	0.30	1.20	na
All rounds of attendance (b)								
40–49 years	1.62	na	0.82	0.50	0.39	1.20	na	na
50–69 years	0.53	na	0.29	0.20	0.28	0.30	na	na
70 + years	0.43	na	0.13	0.10	0.22	0.30	na	na
All ages	0.61	na	0.33	0.20	0.30	0.40	1.00	na
2000								
First round attendance								
40–49 years	1.58	na	na	0.50	0.54	2.00	2.00	na
50–69 years	0.68	na	na	0.28	0.19	0.80	0.00	na
70 + years	0.61	na	na	0.00	0.20	0.00	0.00	na
All ages	0.86	0.39	na	0.34	0.24	1.00	2.00	na
Subsequent round attendance								
40–49 years	0.98	na	na	0.54	0.17	1.00	0.00	na
50–69 years	0.44	na	na	0.17	0.04	0.30	0.50	na
70 + years	0.24	na	na	0.04	0.08	0.00	0.00	na
All ages	0.42	0.23	na	0.17	0.05	0.40	0.50	na
All rounds of attendance (b)								
40–49 years	1.23	na	na	0.51	0.31	0.40	2.00	na
50–69 years	0.48	na	na	0.18	0.07	0.40	0.50	na
70 + years	0.27	na	na	0.03	0.10	0.00	0.00	na
All ages	0.51	0.26	na	0.21	0.10	0.40	0.80	na

(a) Data include diagnosed premalignant lesions.

(b) Includes both first and subsequent rounds of attendance.

(c) NSW data include surgical operations following core biopsy and are not valid for the interpretation or comparison of benign:malignant ratios.

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

Table 7A.16 Cost per woman screened (a)

	Unit	NSW (b) (c)	Vic	Qld	WA (d)	SA (e)	Tas	ACT	NT
1996-97									
Labour costs	\$'000	11 885.0	na	na	na	na	653.0	946.0	na
Materials and supplies	\$'000	1 907.0	na	na	na	na	–	326.0	na
Accommodation	\$'000	881.0	na	na	247 278.0	na	–	200.0	na
Other recurrent	\$'000	5 951.0	na	na	na	na	306.0	67.0	na
Depreciation & amortization	\$'000	1 358.0	na	na	na	na	148.0	61.0	na
User cost of capital	\$'000	1 144.0	na	na	na	na	–	24.0	na
Other costs	\$'000	–	na	na	na	na	1 191.0	–	na
Total cost	\$'000	23 126.0	na	na	6 127 800.0	na	2 298.0	1 624.0	na
Number of women screened	no.	231 679.0	na	na	56 019.0	na	16 149.0	10 172.0	na
Cost per woman screened	\$	99.8	na	na	109.4	na	142.3	159.7	na
1997-98									
Labour costs	\$'000	13 621.0	6 721.0	na	3 016 737.0	na	746.0	1 012.0	na
Materials and supplies	\$'000	1 125.0	4 869.0	na	1 089 958.0	na	–	313.0	na
Accommodation	\$'000	738.0	528.0	na	278 636.0	na	–	220.0	na
Other recurrent	\$'000	4 541.0	4 393.0	na	1 605 450.0	na	404.0	50.0	na
Depreciation & amortization	\$'000	1 532.0	423.0	na	379 861.0	na	187.0	112.0	na
User cost of capital	\$'000	622.0	–	na	–	na	–	52.0	na
Other costs	\$'000	–	–	na	–	na	1 177.0	–	na
Total cost	\$'000	22 179.0	16 934.0	na	6 370 642.0	na	2 514.0	1 707.0	na
Number of women screened	no.	261 080.0	161 297.0	136 675.0	61 561.0	58 341.0	20 287.0	11 004.0	na
Cost per woman screened	\$	85.0	105.0	101.0	103.5	91.7	123.9	155.1	na
1998-99									
Labour costs	\$'000	na	7 784.0	9 213.6	2 595.4	na	842.0	na	na
Materials and supplies	\$'000	na	3 950.0	2 085.3	600.4	na	–	na	na
Accommodation	\$'000	na	542.0	347.3	266.8	na	–	na	na

Table 7A.16 Cost per woman screened (a)

	Unit	NSW (b) (c)	Vic	Qld	WA (d)	SA (e)	Tas	ACT	NT
Other recurrent	\$'000	na	4 562.0	2 993.1	2 677.5	na	384.0	na	na
Depreciation & amortization	\$'000	na	411.0	na	na	na	149.0	na	na
User cost of capital	\$'000	na	–	na	na	na	–	na	na
Other costs	\$'000	na	–	na	396.3	na	1 031.0	na	na
Total cost	\$'000	na	17 249.0	14 639.3	6 536.4	na	2 406.0	na	na
Number of women screened	no.	na	171 312.0	149 088.0	58 810.0	na	19 847.0	na	na
Cost per woman screened	\$	90.9	101.0	98.2	111.1	98.6	121.2	na	na
<i>1999-2000</i>									
Labour costs	\$'000	14 183.0	7 860.0	9 449 636.0	3 413 476.0	na	889.0	1 048.0	na
Materials and supplies	\$'000	1 216.0	4 819.0	2 228 047.0	821 357.0	na	na	410.0	na
Accommodation	\$'000	541.0	570.0	413 234.0	247 385.0	na	na	270.0	na
Other recurrent	\$'000	5 596.0	4 921.0	3 937 435.0	3 193 309.0	na	386.0	96.0	na
Depreciation & amortization	\$'000	1 690.0	407.0	–	268 667.0	na	213.0	168.0	na
User cost of capital	\$'000	500.0	na	–	–	na	na	58.0	na
Other costs	\$'000	–	na	–	–	na	1 167.0	–	na
Total cost	\$'000	23 726.0	18 577.0	16 028 352.0	7 944 194.0	na	2 655.0	1 992.0	na
Number of women screened	no.	280 829.0	179 488.0	160 500.0	63 661.0	65 134.0	20 518.0	12 112.0	na
Cost per woman screened	\$	84.5	103.0	99.9	124.8	101.2	129.4	164.5	na

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

(b) Total expenditure reported does not include actual capital or non recurrent expenditure. 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 practises, expenditure for contracted screens is included in other recurrent costs. State Coordination Unit expenditure does not include expenditure against 1996-97 Commonwealth Enhancement Funding. State Coordination Unit expenditure does not include expenditure against 1998-99 Commonwealth Incentive and Demonstration Funding. State Coordination Unit expenditure does not include expenditure for the development of the BreastScreen Information System.

(c) NSW cost for 1998-99 includes capital expenditure. Without capital expenditure, it was \$87.40 per woman screened.

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

(e) The data for SA are calculated on an accrual basis and not on a cash basis.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Table 7A.17 **Ratio of breast conserving surgery to mastectomy**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (a)</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1996								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	45	35	20	9	4	–	na
>10mm to 15mm	na	61	46	13	10	3	2	na
Over 15mm	na	125	70	29	29	7	9	na
Unknown size								
(invasive)	na	10	4	2	1	1	1	na
DCIS	na	40	23	21	22	3	1	na
Unknown type	na	–	–	–	–	–	–	na
Total	na	281	178	85	71	18	13	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	164	85	50	65	17	3	na
>10mm to 15mm	na	164	71	38	39	8	7	na
Over 15mm	na	121	50	32	40	12	7	na
Unknown size								
(invasive)	na	1	4	3	2	–	–	na
DCIS	na	93	42	34	47	17	13	na
Unknown type	na	2	–	–	2	–	–	na
Total	na	545	252	157	195	54	27	na
Ratio	na	1.93	1.42	1.85	2.75	3.00	2.08	na
1997								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	39	47	24	19	–	3	na
>10mm to 15mm	na	44	47	18	16	2	7	na
Over 15mm	na	84	97	33	32	2	11	na
Unknown size								
(invasive)	na	8	–	1	–	–	–	na
DCIS	na	29	24	12	20	2	5	na
Unknown type	na	–	–	–	–	–	–	na
Total	na	204	215	88	87	6	26	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	206	116	55	69	11	8	na
>10mm to 15mm	na	145	93	48	59	18	10	na
Over 15mm	na	127	91	41	51	12	8	na
Unknown size								
(invasive)	na	21	8	2	3	1	–	na
DCIS	na	104	53	31	44	22	4	na
Unknown type	na	–	–	–	4	–	–	na
Total	na	603	361	177	230	64	30	na
Ratio	na	2.96	1.68	2.01	2.64	10.67	1.15	na
1998								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	46	62	15	12	5	7	na
>10mm to 15mm	na	45	47	19	13	–	3	na

Table 7A.17 **Ratio of breast conserving surgery to mastectomy**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (a)</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Over 15mm	na	104	125	35	37	3	9	na
Unknown size (invasive)	na	5	2	2	3	–	2	na
DCIS	na	29	40	34	24	1	3	na
Unknown type	na	–	–	–	–	–	–	na
Total	na	229	276	104	89	9	24	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	265	144	74	76	34	7	na
>10mm to 15mm	na	152	122	44	73	21	6	na
Over 15mm	na	125	97	45	51	20	4	na
Unknown size (invasive)	na	12	3	5	–	2	–	na
DCIS	na	136	89	33	47	20	5	na
Unknown type	na	–	–	–	3	–	–	na
Total	na	690	455	201	250	97	22	na
Ratio	na	3.01	1.65	1.93	2.80	10.78	0.92	na

1999

Number of women undergoing mastectomy, by cancer type and size

10mm or less	na	49	55	22	13	5	8	na
>10mm to 15mm	na	36	60	20	17	5	3	na
Over 15mm	na	86	131	54	30	9	14	na
Unknown size (invasive)	na	6	1	–	1	–	–	na
DCIS	na	32	40	24	24	3	6	na
Unknown type	na	–	–	–	–	–	–	na
Total	na	209	287	120	85	22	31	na

Number of women undergoing breast conserving surgery, by cancer type and size

10mm or less	na	256	188	90	80	17	13	na
>10mm to 15mm	na	172	143	67	69	17	10	na
Over 15mm	na	164	129	45	55	16	8	na
Unknown size (invasive)	na	9	5	3	6	1	–	na
DCIS	na	125	99	42	42	24	11	na
Unknown type	na	–	–	–	–	–	–	na
Total	na	726	564	247	252	75	42	na
Ratio	na	3.47	1.97	2.06	2.96	3.41	1.35	na

2000

Number of women undergoing mastectomy, by cancer type and size

10mm or less	na	47	na	18	12	4	3	na
>10mm to 15mm	na	53	na	20	13	2	9	na
Over 15mm	na	115	na	35	48	3	4	na
Unknown size (invasive)	na	2	na	1	2	–	–	na
DCIS	na	39	na	33	21	4	4	na
Unknown type	na	na	na	na	na	na	na	na
Total	na	256	na	107	96	13	20	na

Table 7A.17 **Ratio of breast conserving surgery to mastectomy**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (a)</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	274	na	76	108	17	16	na
>10mm to 15mm	na	200	na	69	76	12	15	na
Over 15mm	na	177	na	47	66	6	13	na
Unknown size (invasive)	na	12	na	–	10	–	–	na
DCIS	na	162	na	61	66	10	10	na
Unknown type	na	na	na	na	na	na	na	na
Total	na	825	na	253	326	45	54	na
Ratio	na	3.20	na	2.36	3.40	3.50	2.70	na

(a) Rate applies for women of all ages.

(b) In 1996, 38 women had both a mastectomy and wider local excision or open biopsy. The numbers for the other years were 28 in 1997, 21 in 1998 and 33 in 1999.

DCIS = Ductal carcinoma in situ.

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

Table 7A.18 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 1999-00 (a) (e)**

<i>DRG</i>	<i>Units</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
J06A Separations	no.	1 931	1 733	1 136	724	628	119	107	32	6 410
Patient days	no.	8 759	8 830	3 646	2 494	2 459	417	448	246	27 300
ALOS (b)	days	5	5	3	3	4	4	4	8	4
Sample size (c)	no. hospitals	59	25	18	5	15	3	2	3	130
Average cost (d)	\$/DRG	4 098	4 538	3 990	4 428	3 446	3 604	3 805	5 868	4 166
Direct	\$/DRG	2 800	3 382	3 025	3 166	2 429	2 772	2 291	3 896	2 999
Overhead	\$/DRG	1 298	1 156	965	1 263	1 016	832	1 514	1 972	1 167
J07A Separations	no.	980	599	404	167	308	70	73	*	2 615
Patient days	no.	2 137	1 119	665	217	557	144	89	*	4 952
ALOS (b)	days	2	2	2	1	2	2	1	*	2
Sample size (c)	no. hospitals	58	24	17	5	13	3	2	*	125
Average cost (d)	\$/DRG	2 122	2 033	2 245	1 992	2 014	2 347	1 635	*	2 099
Direct	\$/DRG	1 451	1 520	1 698	1 332	1 427	1 854	1 060	*	1 497
Overhead	\$/DRG	671	514	546	660	586	492	576	*	602
J10Z Separations	no.	1 949	1 493	1 545	499	897	132	93	39	6 648
Patient days	no.	3 009	2 084	1 842	776	1 385	157	116	80	9 448
ALOS (b)	days	2	1	1	2	2	1	1	2	1
Sample size (c)	no. hospitals	74	27	28	6	17	4	2	3	161
Average cost (d)	\$/DRG	1 811	1 616	1 391	2 021	1 793	1 755	1 994	2 696	1 690
Direct	\$/DRG	1 267	1 205	1 057	1 319	1 227	1 382	1 244	1 584	1 207
Overhead	\$/DRG	544	411	334	701	567	374	750	1 112	483

Table 7A.18 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 1999-00 (a) (e)**

<i>DRG</i>	<i>Units</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
J11Z Separations	no.	9 216	6 893	10 380	3 015	5 635	846	502	235	36 724
Patient days	no.	12 657	9 779	12 224	4 538	6 968	1 021	606	432	48 227
ALOS (b)	days	1	1	1	2	1	1	1	2	1
Sample size (c)	no. hospitals	77	29	31	8	19	4	2	4	174
Average cost (d)	\$/DRG	1 487	1 297	900	1 804	1 085	1 534	1 847	2 019	1 259
Direct	\$/DRG	1 041	981	668	1 092	696	1 207	1 109	1 201	881
Overhead	\$/DRG	446	316	232	712	389	326	738	818	378
J62A Separations	no.	107	119	46	21	57	10	*	–	361
Patient days	no.	840	528	415	106	529	210	*	–	2 628
ALOS (b)	days	8	4	9	5	9	21	*	–	7
Sample size (c)	no. hospitals	33	16	13	3	8	4	*	–	78
Average cost (d)	\$/DRG	4 390	2 849	5 166	3 241	3 980	7 689	*	–	3 932
Direct	\$/DRG	2 894	1 982	3 821	2 240	2 540	6 131	*	–	2 702
Overhead	\$/DRG	1 496	867	1 345	1 001	1 440	1 558	*	–	1 231
J62B Separations	no.	334	502	277	96	105	70	81	*	1 474
Patient days	no.	1 554	1 126	568	514	376	143	102	*	4 430
ALOS (b)	days	5	2	2	5	4	2	1	*	3
Sample size (c)	no. hospitals	50	19	23	6	12	5	1	*	118
Average cost (d)	\$/DRG	3 060	1 304	1 389	2 855	1 809	2 286	944	*	1 895
Direct	\$/DRG	2 075	992	1 091	2 029	1 194	1 771	642	*	1 361
Overhead	\$/DRG	985	312	298	826	615	515	303	*	534

Table 7A.18 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 1999-00 (a) (e)**

<i>DRG</i>	<i>Units</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
J62C Separations	no.	122	281	123	143	52	36	30	*	788
Patient days	no.	219	354	146	181	81	41	31	*	1 055
ALOS (b)	days	2	1	1	1	2	1	1	*	1
Sample size (c)	no. hospitals	33	14	17	6	5	3	1	*	80
Average cost (d)	\$/DRG	1 015	650	793	976	1 390	1 539	420	*	869
Direct	\$/DRG	669	478	583	753	990	1 103	286	*	629
Overhead	\$/DRG	347	172	210	224	401	436	134	*	240
R63Z Separations	no.	20 911	36 227	25 671	12 473	13 668	1 724	3 691	499	114 868
Patient days	no.	21 018	36 273	25 676	12 488	13 805	1 898	3 699	512	115 373
ALOS (b)	days	1	1	1	1	1	1	1	1	1
Sample size (c)	no. hospitals	47	23	26	8	17	9	2	4	136
Average cost (d)	\$/DRG	604	482	515	527	547	1 179	383	546	532
Direct	\$/DRG	449	369	369	401	396	851	285	272	395
Overhead	\$/DRG	155	113	146	126	150	328	98	273	137

(a) Population estimates derived by NHCDC from NHCDC sample data.

(b) ALOS=Average length of stay

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

(d) Average cost is affected by a number of factors, including admission practices, sample size, remoteness and the type of hospitals contributing to the collection. Approximately 60 per cent of the separations in NSW are from tertiary referral hospitals, which have higher infrastructure and operational costs. For example, the large disparity between NSW and Victoria for J62B indicate practice differences or episode definition differences and not necessarily differences in efficiency.

(e) Asterisks indicate small numbers that have not been published to protect confidentiality

Source: Commonwealth Department of Health and Aged Care, National Hospital Cost Data Collection, Round 4.

Table 7A.19 Mortality rates from breast cancer for women, by age, 1995–1998 (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.1	0.3	–	–	0.5	–	–	–	0.1
25–29 years	0.9	0.7	1.3	2.2	–	–	–	–	0.9
30–34 years	4.4	4.4	4.2	1.8	5.5	5.6	3.8	–	4.2
35–39 years	9.1	12.2	9.8	10.7	10.7	13.2	5.8	6.4	10.3
40–44 years	20.4	20.4	14.9	21.8	17.7	19.7	13.9	11.0	19.1
45–49 years	31.6	34.0	31.2	34.1	30.5	30.9	39.1	13.5	32.3
50–54 years	47.9	52.1	49.5	41.9	41.5	41.0	48.2	46.6	48.0
55–59 years	55.0	64.9	56.1	60.6	63.3	49.4	53.9	10.0	58.5
60–64 years	69.2	77.5	70.2	59.0	77.3	48.3	111.3	78.8	71.3
65–69 years	83.3	88.8	71.6	68.6	86.3	73.6	114.8	113.1	81.9
70–74 years	86.7	94.1	81.2	96.4	88.9	101.1	76.8	97.6	89.0
75–79 years	114.5	117.9	113.0	105.3	132.7	92.4	137.1	99.3	115.7
80–84 years	139.3	142.1	132.9	150.2	148.4	114.1	292.5	114.2	141.4
85 + years	169.4	205.5	205.0	207.4	228.9	196.4	209.6	102.0	194.8
All ages									
ASR (Aust)	23.9	26.1	23.3	23.6	25.4	22.1	29.0	20.1	24.4
95% CI	23.4–24.3	25.7–26.5	22.8–23.7	23.2–24.1	24.9–25.8	21.7–22.6	28.6–29.5	19.7–20.5	24.0–24.9
Ages 50–69									
ASR (Aust)	62.8	69.7	61.3	56.5	65.7	52.2	79.7	60.0	63.9
95% CI	59.6–66.1	65.7–73.7	56.7–65.9	50.4–62.7	58.9–72.4	41.4–62.9	60.3–99.2	30.0–90.0	62.0–65.9

(a) Rates are expressed per 100 000 women and are age standardised to the Australian population at 30 June 1991.

ASR = Age standardised rate, CI = Confidence interval

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: AIHW 2000b, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. No. CAN 8., AIHW (Cancer Series number 13), Canberra.

Table 7A.20 Mortality rates from breast cancer per 100 000 women by age

	<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>
1995									
15-39	2.3	3.2	2.7	2.4	1.5	4.6	4.6	0.0	2.6
40-49	26.7	28.0	23.4	22.3	26.4	33.0	20.4	17.0	25.9
50-69	66.3	72.5	64.0	65.9	68.5	61.1	91.7	85.1	67.9
70 +	124.1	132.1	124.9	152.8	141.1	148.8	143.9	64.2	131.0
All ages total	36.4	39.0	33.1	35.1	40.8	41.1	33.3	16.5	36.6
All ages ASR	25.1	27.3	24.5	26.6	26.4	27.8	31.1	21.7	25.9
50-69 ASR	66.3	72.5	64.0	65.9	68.5	61.1	91.7	85.1	67.9
1996									
15-39	2.9	5.6	3.6	2.7	2.6	6.9	3.0	0.0	3.7
40-49	25.9	24.0	25.5	29.9	23.2	17.6	32.0	0.0	25.2
50-69	59.8	73.4	59.1	55.8	75.6	44.0	101.2	45.7	64.2
70 +	123.9	124.8	120.6	127.3	143.2	121.5	194.0	115.2	126.3
All ages total	35.3	39.1	32.7	32.2	43.2	32.4	41.0	9.6	35.9
All ages ASR	24.1	27.4	24.0	24.1	27.8	21.7	37.3	16.4	25.3
50-69 ASR	59.8	73.4	59.1	55.8	75.6	44.0	101.2	45.7	64.2
1997									
15-39	3.8	3.7	4.2	3.5	3.4	1.2	1.5	4.9	3.7
40-49	27.6	28.6	19.8	32.4	21.3	17.6	24.3	15.9	26.0
50-69	62.9	67.1	60.9	54.8	57.5	47.3	66.6	42.8	62.0
70 +	113.2	130.3	108.4	118.2	138.7	99.7	152.8	163.9	119.8
All ages total	35.7	38.7	31.4	32.2	39.0	28.1	30.2	17.1	35.2
All ages ASR	24.5	26.5	22.9	24.0	24.4	18.4	26.7	23.6	24.5
50-69 ASR	62.9	67.1	60.9	54.8	57.5	47.3	66.6	42.8	62.0

Table 7A.20 **Mortality rates from breast cancer per 100 000 women by age**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1998									
15-39	3.1	2.6	2.2	3.2	6.1	3.6	3.2	0.0	3.0
40-49	22.8	26.8	22.6	26.6	25.8	32.0	32.7	15.6	24.7
50-69	58.6	61.8	59.6	47.0	59.0	48.4	59.5	40.1	58.2
70 +	108.9	123.0	126.9	115.1	124.8	93.9	188.6	106.2	118.0
All ages total	33.3	36.1	33.1	29.2	39.7	31.7	35.1	12.3	33.9
All ages ASR	22.5	24.4	23.6	21.5	25.3	21.0	29.9	16.9	23.3
50-69 ASR	58.6	61.8	59.6	47.0	59.0	48.4	59.5	40.1	58.2

ASR = Age standardised rate. – Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: AIHW (unpublished).

7A.2 Mental health

Table 7A.21 **Prevalence of selected mental disorders among adults aged 18 years and over, 1997 (a) (b)**

<i>Mental disorder</i>	<i>Number of affected persons</i>			<i>Proportion of population affected</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	no.	no.	no.	%	%	%
Any affective disorder	275 300	503 300	778 600	4.2	7.4	5.8
Any anxiety disorder	470 400	829 600	1 300 000	7.1	12.0	9.7
Any substance use disorder	734 300	307 500	1 041 800	11.1	4.5	7.7
Total	1 151 600	1 231 500	2 383 100	17.4	18.0	17.7

(a) Includes any occurrence of the disorder during the 12 months prior to the survey.

(b) A person may have more than one mental disorder, so percentages may not add to 100.

Source: ABS 1998, *Mental Health and Wellbeing: Profile of Adults, Australia, 1997*, cat. no. 4326.0, Canberra.

Table 7A.22 **Persons with affective disorders, anxiety disorders, and/or substance use disorders: Services used, Australia, 1997, (per cent)**
(a)

<i>Health service used</i>	<i>% of persons with a mental disorder</i>
GP	29.4
Psychiatrist	7.5
Psychologist	6.5
Other mental health professional (b)	9.8
Other health professional (c)	9.9
Total who used health services (d)	38.0
Did not use health services	62.0

(a) During the 12 months prior to interview.

(b) Other mental health professional includes social worker, welfare officer, drug and alcohol counsellor, other counsellor and mental health team.

(c) Other health professional includes medical specialist, nurse, chemist, ambulance officer and other health professional.

(d) A person may have used more than one service, so the components may not add to the total shown. Also includes hospital admissions.

Source: ABS 1998, *Mental Health and Wellbeing: Profile of Adults, Australia, 1997*, cat. no. 4326.0, AGPS, Canberra.

Table 7A.23 Real estimated Commonwealth expenditure on mental health services (1999-2000 \$'000)

	1995-96	1996-97	1997-98	1998-99	1999-2000
National Mental Health Strategy	68 378.2	54 259.2	65 599.7	60 468.0	62 951.5
Research	12 635.6	12 633.7	12 661.3	6 668.8	6 252.6
MBS - consultant psychiatrist services	210 110.9	200 989.1	195 455.4	195 727.6	193 384.6
Pharmaceutical Benefits Schedule - psychiatric drugs	202 310.6	198 009.7	232 726.1	288 776.3	349 849.5
General practitioners (est)	150 159.0	148 622.8	148 169.9	149 030.9	149 572.0
Private hospital insurance premium rebates (est) (c)	–	–	–	23 369.9	34 390.9
Department of Veterans' Affairs	70 689.7	73 941.0	73 302.9	82 277.0	85 991.5
Other (d)	8 611.6	8 529.8	8 454.5	2 594.1	2 725.9
Total	722 895.7	696 985.2	736 369.7	808 912.5	885 118.6

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Constant price expenditure for all years, expressed in 1999-2000 dollars, using Implicit Price Deflator for Non-Farm GDP.

(c) Private hospital insurance premium rebates estimated as a proportion of total Commonwealth outlays.

(d) Other' refers to time limited projects or specific programs that have been absorbed in to general Commonwealth programs. It includes Commonwealth Rehabilitation Service Psychiatric Teams, Community Organisations Support Program, Division of General Practice Grants and Rural Health Support, Education and Training Grants.

(e) See *National Mental Health Report 2001* for full description of derivation of expenditure items.

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

Source: Department of Health and Aged Care.

Table 7A.24 Real estimated recurrent expenditure and expenditure per person by jurisdiction (1999-2000 dollars) (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>
<i>Real recurrent expenditure (\$'000)</i>									
1995-96	412 026	366 514	197 565	127 829	104 176	38 198	18 735	11 847	1 276 890
1996-97	440 365	374 762	223 370	146 844	115 836	38 634	20 805	12 779	1 373 396
1997-98	454 907	374 918	237 594	168 502	125 279	38 611	19 935	13 911	1 433 656
1998-99	476 517	385 917	261 552	173 000	123 652	38 618	19 450	14 255	1 492 960
1998-99 (f)	466 374	356 104	259 864	171 801	119 806	35 951	19 083	14 255	1 443 237
1999-2000	na	400 466	284 003	179 318	128 861	37 443	21 487	14 578	na
1999-2000 (f)	na	377 805	280 731	177 936	126 134	33 997	21 019	14 401	na
<i>Real spending per person (\$)</i>									
1995-96	66.79	80.73	59.81	73.07	70.81	80.56	61.26	65.64	70.17
1996-97	70.55	81.76	66.30	82.41	78.45	81.46	67.40	69.23	74.55
1997-98	72.20	81.02	69.37	93.01	84.51	81.70	64.89	73.86	77.00
1998-99	74.73	82.39	75.11	93.74	83.01	82.00	63.08	74.51	79.20
1998-99 (f)	73.14	76.03	74.62	93.09	80.43	76.34	61.89	74.51	76.56
1999-2000	na	84.54	80.36	95.87	86.19	79.60	69.24	75.10	na
1999-2000 (f)	na	79.76	79.44	95.13	84.36	72.27	67.73	74.19	na

(a) Preliminary data: final validation ongoing prior to publication in National Mental Health Report 2001.

(b) Constant price expenditure for all years, expressed in 1999-2000 dollars, Government Final Consumption Expenditure on Hospital and Clinical Services used as deflator.

(c) Estimates of State and Territory government spending include revenue from other sources (including patient fees and reimbursement by third party compensation insurers) and 'other Commonwealth funds', but exclude Commonwealth funding provided under the National Mental Health Strategy Funds and through the Department of Veterans' Affairs. This applies to all data in the table except those data labelled with footnote (f).

(d) Depreciation excluded for all years.

(e) See National Mental Health Report 2001 for full description of derivation of expenditure items.

Table 7A.24 **Real estimated recurrent expenditure and expenditure per person by jurisdiction
(1999-2000 dollars) (a, b)**

- (f) Estimates of State and Territory government spending exclude all non-State funds. Revenue from other sources and 'other Commonwealth funds' excluded. These estimates should be treated with care as all other revenue categories are subject to minimal validation and may be treated inconsistently across jurisdictions. In addition, it is not possible to extract these amounts uniformly across time.
- (g) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.25 **Real Commonwealth expenditure per person on mental health services (1999-2000 dollars)**

	<i>\$ per person</i>
1995-96	\$39.73
1996-97	\$37.83
1997-98	\$39.55
1998-99	\$42.91
1999-2000	\$46.46

- (a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.
- (b) Constant price expenditure for all years, expressed in 1999-2000 dollars, using Implicit Price Deflator for Non-Farm GDP.
- (c) Private Hospital Insurance Premium Rebates estimated as a proportion of total Commonwealth outlays.
- (d) Other' refers to time-limited project or specific programs that have been absorbed within general Commonwealth programs. It includes Commonwealth Rehabilitation Service Psychiatric Teams, Community Organisations Support Program, Division of General Practice Grants and Rural Health Support, Education & Training Grants.
- (e) See National Mental Health Report 2001 for full description of derivation of expenditure items.
 – Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care.

Table 7A.26 Total recurrent expenditure by service category (current prices)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>1998-99</i>									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	143 088.5	32 488.0	80 602.2	47 297.5	56 286.4	12 569.7	..	..	372 332.3
Public acute hospital	123 680.9	103 418.1	72 696.5	50 338.1	23 248.8	9 211.1	5 864.9	7 007.1	395 465.4
Total inpatient expenditure	266 769.4	135 906.1	153 298.7	97 635.6	79 535.2	21 780.8	5 864.9	7 007.1	767 797.7
Community residential	20 720.0	61 152.9	..	2 765.4	411.6	4 952.7	2 632.2	..	92 634.9
Ambulatory	171 310.7	142 005.4	82 006.4	60 700.1	39 576.0	10 596.5	8 923.9	6 704.9	521 824.0
Non-government organisation	8 288.4	38 491.2	19 604.2	9 336.4	3 154.6	1 325.5	1 365.5	623.0	82 188.8
Indirect	26 279.7	17 073.1	10 993.0	5 323.8	5 837.1	545.0	1 286.0	570.0	67 907.7
Total expenditure	493 368.3	394 628.8	265 902.4	175 761.3	128 514.4	39 200.5	20 072.5	14 905.0	1 532 353.2
<i>Per cent</i>									
Public psychiatric hospital	29.0	8.2	30.3	26.9	43.8	32.1	..	..	24.3
Public acute hospital	25.1	26.2	27.3	28.6	18.1	23.5	29.2	47.0	25.8
Total inpatient expenditure	54.1	34.4	57.7	55.6	61.9	55.6	29.2	47.0	50.1
Community residential	4.2	15.5	..	1.6	0.3	12.6	13.1	..	6.0
Ambulatory	34.7	36.0	30.8	34.5	30.8	27.0	44.5	45.0	34.1
Non-government organisation	1.7	9.8	7.4	5.3	2.5	3.4	6.8	4.2	5.4
Indirect	5.3	4.3	4.1	3.0	4.5	1.4	6.4	3.8	4.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>1999-2000</i>									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	n.a	28 263.4	79 946.1	44 782.9	59 314.0	11 967.8	..	..	n.a
Public acute hospital	n.a	114 048.7	82 245.7	53 492.8	22 628.8	8 732.3	6 017.8	6 205.6	n.a
Total inpatient expenditure	n.a	142 312.1	162 191.9	98 275.7	81 942.8	20 700.1	6 017.8	6 205.6	n.a
Community residential	n.a	69 528.2	210.4	2 716.2	435.0	5 504.1	3 178.2	415.0	n.a
Ambulatory	n.a	152 610.7	95 305.1	66 765.0	44 808.5	10 456.8	11 353.6	7 337.5	n.a
Non-government organisation	n.a	36 436.6	23 060.4	10 292.6	3 445.7	1 388.9	1 124.8	1 056.5	n.a

Indirect	n.a	17 608.0	13 490.6	6 265.7	5 358.0	869.0	1 390.3	599.5	n.a
Total expenditure	n.a	418 495.6	294 258.3	184 315.2	135 990.0	38 918.9	23 064.7	15 614.0	n.a
<i>Per cent</i>									
Public psychiatric hospital	n.a	6.8	27.2	24.3	43.6	30.8	..	..	n.a
Public acute hospital	n.a	27.3	28.0	29.0	16.6	22.4	26.1	39.7	n.a
Total inpatient expenditure	n.a	34.0	55.1	53.3	60.3	53.2	26.1	39.7	n.a
Community residential	n.a	16.6	0.1	1.5	0.3	14.1	13.8	2.7	n.a
Ambulatory	n.a	36.5	32.4	36.2	32.9	26.9	49.2	47.0	n.a
Non-government organisation	n.a	8.7	7.8	5.6	2.5	3.6	4.9	6.8	n.a
Indirect	n.a	4.2	4.6	3.4	3.9	2.2	6.0	3.8	n.a
Total	n.a	100.0	100.0	100.0	100.0	100.0	100.0	100.0	n.a

(a) Preliminary data: final validation ongoing prior to publication in National Mental Health Report 2001.

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

(c) Depreciation excluded for all years.

(d) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has been broadened to incorporate all staffed community-based units, regardless of the number of hours that staff are present. The impact of this is to transfer a significant proportion of expenditure previously aggregated under the NGO category across to residential services.

(e) See National Mental Health Report 2001 for full description of derivation of expenditure items.

(f) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.27 Available mental health beds (a) (b) (c) (d) (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>No. beds</i>									
Public psychiatric hospitals									
1996	1 293	718	937	407	488	157	..	..	4 000
1997	1 212	611	855	415	507	123	..	..	3 723
1998	1 204	386	799	380	504	123	..	..	3 396
1999	1 110	189	676	293	480	99	..	..	2 847
2000	n.a	159	589	293	477	99	..	..	n.a
Public acute hospitals with psychiatric units or wards									
1996	861	487	549	315	174	79	52	34	2 551
1997	901	511	577	327	168	78	52	31	2 645
1998	924	713	574	347	159	78	52	29	2 876
1999	917	866	628	376	176	78	53	31	3 125
2000	n.a	928	722	368	178	74	49	32	n.a
Publicly funded community residential facilities									
1996	306	631	..	72	20	68	60	..	1 157
1997	325	768	..	72	20	68	60	..	1 313
1998	293	868	..	70	20	62	50	..	1 363
1999	317	916	..	66	20	62	30	..	1 411
2000	n.a	1 144	20	26	20	62	83	20	n.a
<i>Beds per 100 000 people</i>									
Public psychiatric hospitals									
1996	21.0	15.8	28.4	23.3	33.2	33.1	..	..	22.0
1997	19.4	13.3	25.4	23.3	34.3	25.9	..	..	20.2
1998	19.1	8.3	23.3	21.0	34.0	26.0	..	..	18.2
1999	17.4	4.0	19.4	15.9	32.2	21.0	..	..	15.1
2000	n.a	3.4	16.7	15.7	31.9	21.0	..	..	n.a

Table 7A.27 Available mental health beds (a) (b) (c) (d) (e)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Public acute hospitals with psychiatric units or wards									
1996	14.0	10.7	16.6	18.0	11.8	16.7	17.0	18.8	14.0
1997	14.4	11.1	17.1	18.4	11.4	16.4	16.8	16.8	14.4
1998	14.7	15.4	16.8	19.2	10.7	16.5	16.9	15.4	15.4
1999	14.4	18.5	18.0	20.4	11.8	16.6	17.2	16.2	16.6
2000	n.a	19.6	20.4	19.7	11.9	15.7	15.8	16.5	n.a
Publicly funded community residential facilities									
1996	5.0	13.9	..	4.1	1.4	14.3	19.6	..	6.4
1997	5.2	16.8	..	4.0	1.4	14.3	19.4	..	7.1
1998	4.7	18.8	..	3.9	1.3	13.1	16.3	..	7.3
1999	5.0	19.6	..	3.6	1.3	13.2	9.7	..	7.5
2000	n.a	24.2	0.6	1.4	1.3	13.2	26.7	10.3	n.a
Total									
1996	39.9	40.4	45.0	45.4	46.4	64.1	36.6	18.8	42.4
1997	39.1	41.2	42.5	45.7	47.1	56.7	36.3	16.8	41.7
1998	38.4	42.5	40.1	44.0	46.1	55.6	33.2	15.4	41.0
1999	36.8	42.1	37.4	39.8	45.4	50.7	26.9	16.2	39.2
2000	n.a	47.1	37.7	36.7	45.1	50.0	42.5	26.8	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Bed numbers represent available beds at June 30 of each year.

(c) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has been broadened to incorporate all staffed community-based units, regardless of the number of hours that staff are present. The impact of this is to transfer a significant number of beds previously grouped but not enumerated under the NGO category.

(d) See *National Mental Health Report 2001* for full description of data sources and analysis.

(e) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.28 **Full time equivalent staff (FTE) employed in specialised mental health services by service setting (number) (a) (b) (d) (e)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Inpatient services (psychiatric hospitals and public acute hospitals with specialised psychiatric units or wards)									
1996	3 520	2 232	2 371	1 565	1 282	417	99	78	11 566
1997	3 472	2 006	2 410	1 557	1 234	350	90	84	11 202
1998	3 495	1 714	2 442	1 583	1 155	342	98	80	10 909
1999	3 800	1 758	2 332	1 536	1 199	311	90	81	11 106
2000	n.a	1 923	2 393	1 437	1 202	298	84	79	n.a
Publicly funded community residential (c)									
1996	268	676	..	48	10	88	56	..	1 146
1997	277	828	..	47	10	84	57	..	1 303
1998	290	778	..	40	10	66	59	..	1 243
1999	340	906	..	38	6	90	40	..	1 419
2000	n.a	918	..	44	5	83	54	4	n.a
Ambulatory services									
1996	1 866	1 644	798	596	551	145	97	74	5 771
1997	2 056	1 912	889	722	584	135	88	70	6 456
1998	2 203	1 845	964	760	623	138	107	80	6 719
1999	2 519	1 998	1 074	830	601	134	121	77	7 355
2000	n.a	2 009	1 202	857	644	134	140	80	n.a
Total									
1996	5 654	4 553	3 169	2 209	1 843	650	252	152	18 483
1997	5 805	4 746	3 298	2 326	1 828	569	235	154	18 961
1998	5 987	4 337	3 406	2 383	1 788	545	264	159	18 870
1999	6 659	4 663	3 406	2 404	1 805	535	252	158	19 881
2000	n.a	4 850	3 595	2 338	1 851	515	278	163	n.a
FTE per 100 000 people									
1996	92.8	101.2	98.3	128.7	125.6	137.4	83.4	86.9	103.0
1997	94.1	104.5	99.8	133.0	124.2	119.9	76.9	85.1	104.2
1998	95.9	94.6	101.1	133.7	121.1	114.9	85.4	86.3	102.4
1999	105.7	100.8	99.4	132.7	121.8	113.2	81.9	83.9	106.8
2000	n.a	103.5	103.2	126.7	124.3	109.4	90.1	85.1	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) FTE includes all health professional and non-direct care occupational categories.

(c) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has been broadened to incorporate all staffed community-based units regardless of the number of hours that staff are present. The effect of this is to transfer a significant number of staff previously included but not enumerated under the NGO category.

(d) See *National Mental Health Report 2001* for full description of data sources and analysis.

(e) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.29 **Full time equivalent (FTE) direct care staff employed in specialised mental health services (per 100 000 persons)**

	<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>1998-99</i>									
Medical									
Consultant psychiatrist	2.4	4.3	0.9	4.6	4.8	3.2	2.1	3.1	3.0
Psychiatry registrar	3.5	3.9	3.8	5.3	5.2	1.6	3.8	2.9	3.9
Other medical officers	1.1	2.5	3.7	1.1	1.7	2.0	0.5	1.0	2.0
Total	7.0	10.7	8.5	11.1	11.6	6.8	6.5	7.0	8.9
Nursing									
Registered nursing	43.6	48.8	43.7	53.7	53.5	44.9	37.3	42.2	46.6
Non-registered	6.1	6.4	7.6	9.3	10.3	8.1	2.4	4.2	7.1
Total	49.7	55.2	51.3	63.0	63.9	53.1	39.8	46.4	53.7
Allied health									
Occupation therapist	2.3	3.6	2.4	5.2	2.6	2.0	1.4	0.5	2.9
Social worker	3.9	6.0	5.0	6.3	9.7	5.0	8.3	2.1	5.4
Psychologist	5.4	6.4	5.4	6.1	4.3	5.2	7.2	5.7	5.7
Other allied health staff	4.8	2.4	2.6	7.9	3.1	0.8	0.2	6.8	3.8
Total	16.4	18.4	15.4	25.5	19.7	12.9	17.1	15.2	17.8
Total	73.1	84.2	75.1	99.6	95.2	72.8	63.3	68.6	80.3
<i>1999-2000</i>									
Medical									
Consultant psychiatrist	n.a	3.7	0.9	4.7	4.7	2.7	2.1	4.1	n.a
Psychiatry registrar	n.a	3.1	4.4	5.4	5.4	1.8	3.4	3.4	n.a
Other medical officers	n.a	3.2	3.7	1.2	1.6	1.8	0.4	1.0	n.a
Total	n.a	10.0	9.0	11.3	11.7	6.3	5.9	8.6	n.a
Nursing									
Registered nursing	n.a	53.2	44.7	52.6	52.1	43.5	37.2	44.3	n.a

Table 7A.29 **Full time equivalent (FTE) direct care staff employed in specialised mental health services (per 100 000 persons)**

	<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>
Non-registered	n.a	4.3	7.9	9.3	11.6	8.0	2.5	4.6	n.a
Total	n.a	57.5	52.6	61.8	63.8	51.5	39.7	48.9	n.a
Allied health									
Occupation therapist	n.a	4.1	2.5	6.2	2.8	1.5	1.6	0.5	n.a
Social worker	n.a	6.4	5.5	6.3	10.6	5.6	10.7	2.6	n.a
Psychologist	n.a	5.6	5.9	6.1	4.1	5.4	11.0	5.2	n.a
Other allied health staff	n.a	2.2	2.6	6.2	2.9	0.5	0.2	6.0	n.a
Total	n.a	18.3	16.5	24.8	20.5	12.9	23.5	14.2	n.a
Total	n.a	85.7	78.1	98.0	95.9	70.7	69.1	71.7	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) FTE includes health professional occupational categories only.

(c) The modified definition of community residential services introduced in 1999-2000 affects trend data for this item. Previously, staffing provided in NGO facilities was not included but has been incorporated in the 1999-2000 Survey.

(d) See *National Mental Health Report 2001* for full description of derivation of expenditure items.

(e) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.30 **Mental health patient days (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>
<i>No. days</i>									
Public psychiatric hospitals									
1996	399 343.0	217 945.0	267 085.0	124 430.0	156 078.0	53 360.0	..	..	1 218 241.0
1997	377 710.0	186 667.0	263 954.0	126 573.0	163 948.0	39 960.0	..	..	1 158 812.0
1998	368 893.0	122 910.0	246 043.0	116 617.0	160 995.0	31 250.0	..	..	1 046 708.0
1999	337 391.0	64 355.0	212 877.0	104 899.0	155 225.0	34 256.0	..	..	909 003.0
2000	n.a	52 299.0	185 054.0	94 895.0	159 326.0	29 496.0	..	..	n.a
Public acute hospitals with psychiatric units or wards									
1996	250 845.0	145 588.0	162 104.0	99 179.0	50 780.0	20 873.0	16 352.0	8 371.0	754 092.0
1997	268 929.0	155 577.0	162 556.0	96 020.0	50 961.0	22 700.0	18 975.0	9 932.0	785 650.0
1998	281 619.0	216 949.0	170 068.0	103 271.0	49 295.0	20 838.0	17 255.0	9 096.0	868 391.0
1999	280 188.0	260 730.0	191 108.0	106 890.0	55 608.0	20 112.0	16 272.0	8 485.0	939 393.0
2000	n.a	272 303.0	192 343.0	103 104.0	57 995.0	19 925.0	16 241.0	8 696.0	n.a
Publicly funded community residential facilities									
1996	103 539.0	171 678.0	..	21 898.0	4 322.0	20 120.0	21 733.0	..	343 290.0
1997	101 845.0	255 258.0	..	21 764.0	3 285.0	23 789.0	21 267.0	..	427 208.0
1998	90 039.0	278 745.9	..	17 309.0	2 535.0	15 634.0	19 777.0	..	424 039.9
1999	97 271.0	315 296.0	..	13 349.0	4 500.0	18 796.0	11 882.0	..	461 094.0
2000	n.a	382 411.0	281.0	10 639.0	4 500.0	20 918.0	29 132.0	6 780.0	n.a
<i>Days per 1000 people</i>									
Public psychiatric hospitals									
1996	64.7	48.0	80.9	71.1	106.1	112.5	..	..	67.0
1997	60.5	40.7	78.3	71.0	111.0	84.3	..	..	62.9
1998	58.6	26.6	71.8	64.4	108.6	66.1	..	..	56.2
1999	52.9	13.7	61.1	56.8	104.2	72.7	..	..	48.2

Table 7A.30 **Mental health patient days (a) (b) (c) (d) (e)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
2000	n.a	11.0	52.4	50.7	106.6	62.7	..	..	n.a
Public acute hospitals with psychiatric units or wards									
1996	40.7	32.1	49.1	56.7	34.5	44.0	53.5	46.4	41.4
1997	43.1	33.9	48.2	53.9	34.5	47.9	61.5	53.8	42.6
1998	44.7	46.9	49.7	57.0	33.3	44.1	56.2	48.3	46.6
1999	43.9	55.7	54.9	57.9	37.3	42.7	52.8	44.3	49.8
2000	n.a	57.5	54.4	55.1	38.8	42.4	52.3	44.8	n.a
Publicly funded community residential facilities									
1996	16.8	37.8	..	12.5	2.9	42.4	71.1	..	18.9
1997	16.3	55.7	..	12.2	2.2	50.2	68.9	..	23.2
1998	14.3	60.2	..	9.6	1.7	33.1	64.4	..	22.8
1999	15.3	67.3	..	7.2	3.0	39.9	38.5	..	24.5
2000	n.a	80.7	0.1	5.7	3.0	44.5	93.9	34.9	n.a
Total patient days									
1996	122.2	117.9	129.9	140.3	143.5	199.0	124.5	46.4	127.3
1997	119.9	130.4	126.6	137.1	147.8	182.3	130.4	53.8	128.7
1998	117.5	133.7	121.5	130.9	143.6	143.3	120.5	48.3	125.6
1999	112.1	136.7	116.0	122.0	144.6	155.4	91.3	44.3	122.5
2000	n.a	149.3	106.9	111.5	148.4	149.5	146.2	79.7	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001* .

(b) Bed numbers represent available beds at June 30 of each year.

(c) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has been broadened to incorporate all staffed community-based units, regardless of the number of hours that staff present. The effect of this is to transfer a significant number of beds previously grouped by not enumerated under the NGO category.

(d) See *National Mental Health Report 2001* for full description of data sources and analysis.

(e) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.31 Separations, patient days and psychiatric care days for acute separations with specialised psychiatric care, by AR-DRG and hospital type, Australia, 1998–99

AR-DRG	Description(a)	Public acute hospitals					Public psychiatric hospitals				
		Same day separations	Overnight separations	Total separations	Total patient days	Total psychiatric care days(b)	Same day separations	Overnight separations	Total separations	Total patient days	Total psychiatric care days(b)
U40Z	Mental health treatment, same day with Ect	3 936	–	3 936	3 936	3 916	50	–	50	50	50
U60Z	Mental health treatment, same day without Ect	17 243	–	17 243	17 243	13 565	1 584	–	1 584	1 584	1 584
U61A	Schizophrenia disorders with involuntary Mhls	–	9 133	9 133	206 676	195 162	–	3 068	3 068	407 862	287 522
U61B	Schizophrenia disorders without involuntary Mhls	–	8 103	8 103	131 804	119 612	–	1 700	1 700	220 900	172 590
U62A	Paranoid & acute psych disorder with Csccl/involuntary Mhls	–	1 534	1 534	20 030	16 845	–	499	499	10 737	10 735
U62B	Paranoid & acute psych disorder without Csccl/involuntary Mhls	–	1 249	1 249	16 158	13 479	–	166	166	2 414	2 362
U63A	Major affective disorder with Csccl or Age > 69 without Csccl	–	2 541	2 541	66 678	57 488	–	488	488	41 840	36 191
U63B	Major affective disorder Age < 70 without Csccl	–	11 904	11 904	171 749	154 120	–	2 558	2 558	99 730	96 487
U64Z	Other affective & somatoform disorders	–	4 106	4 106	43 687	37 424	–	434	434	7 634	7 547
U65Z	Anxiety disorders	–	737	737	7 995	6 263	–	112	112	3 635	3 047
U66Z	Eating & obsessive–compulsive disorders	–	826	826	16 779	15 199	–	64	64	1 874	1 621
U67Z	Personality disorders & acute reactions	–	9 542	9 542	63 190	52 215	–	2 647	2 647	25 929	25 101
U68Z	Childhood mental disorders	–	327	327	5 388	2 640	–	71	71	39 176	26 194
V60Z	Alcohol intoxication and withdrawal	264	887	1 151	6 191	4 846	73	578	651	35 234	22 367

Table 7A.31 **Separations, patient days and psychiatric care days for acute separations with specialised psychiatric care, by AR-DRG and hospital type, Australia, 1998–99**

		<i>Public acute hospitals</i>					<i>Public psychiatric hospitals</i>				
V61A	Drug intoxication and withdrawal with CC	36	342	378	3 435	3 181	306	127	433	2 595	2 549
V61B	Drug intoxication and withdrawal without CC	135	1 453	1 588	11 288	10 092	83	467	550	5 046	4 986
V62A	Alcohol use disorder & dependence	–	558	558	3 686	3 409	–	651	651	10 931	10 922
V62B	Alcohol use disorder & dependence, same day	270	–	270	270	270	30	–	30	30	30
V63Z	Opioid use disorder & dependence	51	216	267	979	861	71	964	1 035	4 858	4 634
V64Z	Other drug use disorder & dependence	96	513	609	2 841	2 658	29	427	456	3 839	3 827
All other AR-DRGS		2 852	6 201	9 053	124 583	87 760	38	2 041	2 079	333 613	311 086
Total		24 883	60 172	85 055	924 586	801 005	2 264	17 062	19 326	1 259 511	1 031 432

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Australian Institute of Health and Welfare 2001, *Mental Health Services in Australia 1998-99 National Minimum Data Sets Mental Health Care*, AIHW cat. No. HSE 15 (Mental Health Series no. 2), Canberra

Table 7A.32 Specialised care separations reported for Indigenous patients Australia 1998-99 (a), (b)

	Same day separations	Overnight separations	Total separations	Separations per 1000 Indigenous (c)	Total patient days	Patient days per 1 000 Indigenous people (d)	Total psychiatric care days (d)	Psychiatric care days per 1000 Indigenous people (c)	Average length of stay (overnight)	Psychiatric care days per overnight separation
Indigenous	383.0	2 678.0	3 061.0	9.0	65 416.0	221.2	62 305.0	210.7	24.3	23.1
Total	71 514.0	97 065.0	168 579.0	8.9	2 571 154.0	136.5	2 174 551.0	115.4	25.8	21.7

(a) The completeness of data on Indigenous status varies, hence these data should be used with caution.

(b) Specialised psychiatric care refers to separations in which at least one day of specialised psychiatric care was received.

(c) Rates are indirectly age-standardised based on December 1998 Estimated Resident Population and the December 1998 Indigenous population projections.

(d) Does not include psychiatric care days from WA public acute or private hospitals. The total is therefore an underestimate of total psychiatric care days.

Source: Australian Institute of Health and Welfare (AIHW) 2001, *Mental health services in Australia 1998-99: National Minimum Data Sets-Mental Health Care*. AIHW cat. no. HSE 15. AIHW (Mental Health Series no. 2), Canberra.

Table 7A.33 Percentage of specialised public mental health services reviewed against National Standards for Mental Health Services (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>
2000									
Review commenced (a)	29	–	96	–	30	39	100	–	33
Review completed (b)	9	–	25	–	–	3	81	–	9
2001									
Review commenced (a)	55	–	100	11	99	52	100	100	49
Review completed (b)	15	–	39	–	16	3	100	–	16

- (a) 'Review commenced' means the percentage of specialised public mental health services that have formally registered for review against the National Standards for Mental Health Services by an external accreditation agency.
- (b) 'Review completed' means the percentage of specialised public mental health services that have formally completed review against the National Standards for Mental Health Services by an external accreditation agency.
- (c) External accreditation agencies such as the Australian Council on Healthcare Standards (ACHS) undertake accreditation processes in relation to a parent health organisation (for example, a hospital) which may cover a number of specialist services including mental health services. Accreditation of a parent organisation does not currently require a mental health service to be separately assessed against the National Standards for Mental Health Services. Accreditation *per se* does not assess, or provide information on, implementation of the National Standards for Mental Health Services (NSMHS). Assessment of a service against the NSMHS must be requested and involves a separate review process. Data relate to the percentage of specialised public mental health services that have participated in, or are currently participating in, an external review, against the NSMHS by an external accreditation agency. Such reviews may take place in conjunction with, or separately to, overall accreditation of a parent organisation. Review against the NSMHS will, in some cases and in some jurisdictions, be delayed until an appropriate point is reached.
- (d) Data 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 specialist mental health services. As a result, data are aggregated.
- (e) All jurisdictions have indicated intent to formally commence external review against the National Standards for Mental Health Services in all specialist public mental health services by June 2003.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source : Department of Health and Aged Care

Table 7A.34 **Organisations with consumer participation in decision making (a)**
(b) (c)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>Per cent of organisations</i>									
Consumer with a formal position on the management committee or specific mental health consumer/carer advisory group to advise on all aspects of service delivery (level 1)									
1996	50	15	26	–	45	100	–	50	32
1997	64	24	30	4	31	33	–	20	38
1998	70	41	33	4	47	33	–	20	45
1999	75	39	48	17	47	100	–	40	56
2000	na	34	50	26	47	67	100	100	na
Specific mental health consumer/carer advisory group to advise on some aspects of service delivery (level 2)									
1996	15	15	32	8	6	–	50	50	16
1997	9	10	30	15	10	–	–	20	14
1998	9	14	40	19	13	–	–	20	16
1999	3	22	17	21	17	–	50	–	11
2000	na	19	27	30	19	33	–	–	na
Mental health consumers/carers invited to participate on broadly based committees (level 3)									
1996	15	21	6	42	10	–	–	–	17
1997	7	14	3	15	21	67	50	0	12
1998	4	14	3	33	13	67	50	20	13
1999	12	22	3	25	20	–	–	20	14
2000	na	22	13	13	16	–	–	–	na
Other arrangements/No arrangements (level 4)									
1996	20	48	35	50	39	–	50	–	35
1997	19	52	37	65	38	–	50	60	37
1998	16	32	23	44	28	–	50	40	26
1999	10	17	31	38	17	–	50	40	19
2000	na	25	10	30	19	–	–	–	na
<i>Number of organisations reporting</i>									
1996	60	33	31	26	31	3	2	2	188
1997	67	21	30	26	29	3	2	5	183
1998	67	22	30	27	32	3	2	5	188
1999	93	23	29	24	30	3	2	5	209
2000	n.a	32	30	23	32	3	3	7	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) See *National Mental Health Report 2001* for full description of data sources and analysis.

(c) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.35 **Services provided in the appropriate setting (per cent) (a) (b) (c) (d) (e)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>Recurrent expenditure on psychiatric hospitals as a proportion of recurrent spending on inpatient services and community residential services</i>									
1995-96	56.8	42.8	59.6	57.9	78.6	49.5	..	..	54.4
1996-97	53.3	37.2	60.6	55.3	79.6	49.0	..	..	51.8
1997-98	51.3	25.5	59.1	52.1	75.3	47.7	..	..	47.8
1998-99	49.8	16.5	59.3	47.1	70.4	47.0	..	..	43.3
1999-00	na	13.3	52.6	44.3	72.0	45.7	..	..	na
<i>Patient days in public acute hospitals as a proportion of total inpatient bed days</i>									
1995-96	38.6	40.0	37.8	44.4	24.5	28.1	100.0	100.0	38.2
1996-97	41.6	45.5	38.1	43.1	23.7	36.2	100.0	100.0	40.4
1997-98	43.3	63.8	40.9	47.0	23.4	40.0	100.0	100.0	45.3
1998-99	45.4	80.2	47.3	50.5	26.4	37.0	100.0	100.0	50.8
1999-00	na	83.9	51.0	52.1	26.7	40.3	100.0	100.0	na

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Separate psychiatric hospitals do not exist in the ACT and the NT.

(c) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has been broadened to incorporate all staff community-based units, regardless of the number of hours that staff are present. The effect of this is to transfer a significant number of patient days previously grouped but not enumerated under the NGO category.

(d) See *National Mental Health Report 2001* for full description of data sources and analysis.

(e) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.36 Prevalence of mental disorders among adults aged 18 years and over, 1997 (a), (b)

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Mental disorders</i>										
Anxiety disorders	no.	456 035	314 956	215 097	139 004	108 045	28 636	26 246	11 908	1 299 929
Affective disorders	no.	246 871	180 602	155 171	78 449	66 442	25 515	17 556	8 004	778 611
Substance use disorders	no.	369 285	270 057	196 897	128 672	85 460	13 935	24 545	15 236	1 104 088
Total mental disorders	no.	817 119	600 976	422 314	276 022	197 070	51 102	47 819	26 560	2 438 981
<i>Mental disorders</i>										
Anxiety disorders	%	9.9	9.3	8.9	10.7	9.9	8.4	12.0	11.9	9.7
Affective disorders	%	5.4	5.3	6.4	6.1	6.1	7.5	8.0	8.0	5.8
Substance use disorders	%	8.0	7.9	8.1	9.9	7.8	4.1	11.2	15.2	8.2
<i>People with mental disorders as a proportion of the total population</i>										
	%	17.8	17.7	17.4	21.3	18.0	15.0	21.8	26.5	18.1

(a) Includes any occurrence of the disorder during the 12 months prior to the survey.

(b) A person may have more than one mental disorder.

Source: ABS 1998, *Mental Health and Wellbeing: Profile of Adults, Australia, 1997*, cat. no. 4326.0, AGPS, Canberra.

Table 7A.37 **Prevalence rates of mental disorders, by age, as a proportion of all adults, 1997 (per cent) (a)**

	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years or more	Total
Anxiety disorders	11.2	9.8	11.4	11.9	7.8	4.5	9.7
Depressive disorders (b)	6.7	6.6	7.2	6.4	5.0	1.7	5.8
Substance abuse	16.1	11.3	8.2	5.3	3.2	1.1	7.7
All conditions	26.6	21.3	19.9	17.5	12.3	6.1	17.7

(a) Percentage of all adults with a mental disorder. Components do not add to 100 because respondents may have reported symptoms for more than one mental disorder.

(b) Includes all affective disorders.

Source: ABS 1998, *Mental Health and Wellbeing: Profile of Adults, Australia, 1997*, cat. no. 4326.0, AGPS, Canberra.

Table 7A.38 Prevalence rates of mental disorders among adults, by geographic location, 1997 (per cent)

	<i>Capital city</i>	<i>Rest of State/Territory</i>	<i>Total</i>
Anxiety disorders	9.4	10.1	9.7
Affective disorders	5.6	6.1	5.8
Substance abuse disorders	7.7	7.8	7.7
All conditions	17.5	18.0	17.7

Source: ABS 1998, *Mental Health and Wellbeing: Profile of Adults, Australia, 1997*, cat. no. 4326.0, AGPS, Canberra.

Table 7A.39 **Suicides and mortality rate, by sex, Australia**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Suicides (no.)												
Males	1 730	1 658	1 735	1 847	1 820	1 687	1 830	1 872	1 931	2 146	2 150	2002
Females	467	438	426	513	474	394	428	495	462	577	533	490
Persons	2 197	2 096	2 161	2 360	2 294	2 081	2 258	2 367	2 393	2 723	2 683	2492
Mortality rate (per 100 000 people) (a)												
Males	21.0	19.8	20.4	21.4	20.9	19.2	20.6	20.8	21.2	23.3	23.0	21.1
Females	5.6	5.2	5.0	5.9	5.4	4.4	4.8	5.5	5.0	6.2	5.7	5.1
Persons	13.3	12.5	12.7	13.7	13.1	11.8	12.6	13.1	13.1	14.7	14.3	13.1

(a) At 30 June.

Source: ABS, *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra.

Table 7A.40 **Suicide and self inflicted injury: deaths and death rate**

	<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>
Suicide deaths (no.)									
1988	730	538	407	207	184	72	31	28	2 197
1989	681	499	411	185	202	59	35	24	2 096
1990	675	499	423	215	214	70	35	30	2 161
1991	767	607	423	212	231	67	34	19	2 360
1992	732	557	428	214	213	96	31	23	2 294
1993	703	497	367	216	166	83	27	22	2 081
1994	781	511	455	217	169	70	36	19	2 258
1995	765	566	495	218	200	66	34	23	2 367
1996	815	500	539	218	185	64	37	35	2 393
1997	935	670	535	255	197	51	42	38	2 723
1998	862	579	579	287	244	59	31	42	2 683
1999	869	552	480	236	200	78	45	32	2 492
Suicide death rate per 100 000 persons									
1988	12.8	12.6	14.9	13.5	13.1	16.0	11.4	17.6	13.3
1989	11.8	11.6	14.5	11.7	14.2	13.0	12.7	14.9	12.5
1990	11.6	11.4	14.6	13.3	14.9	15.1	12.4	18.3	12.7
1991	13.0	13.7	14.3	13.0	16.0	14.4	11.8	11.5	13.7
1992	12.3	12.5	14.1	12.9	14.6	20.4	10.5	13.7	13.1
1993	11.7	11.1	11.8	12.9	11.4	17.6	9.0	12.9	11.8
1994	12.9	11.4	14.3	12.7	11.5	14.8	11.9	11.0	12.6
1995	12.5	12.5	15.2	12.6	13.6	13.9	11.2	13.0	13.1
1996	13.1	11.0	16.1	12.3	12.5	13.5	12.0	19.2	13.1
1997	14.9	14.5	15.7	14.2	13.3	10.8	13.6	20.3	14.7
1998	13.6	12.4	16.8	15.7	16.4	12.5	10.1	22.1	14.3
1999	13.6	11.7	13.7	12.7	13.4	16.6	14.5	16.6	13.1

Source: ABS (unpublished), *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra.

Table 7A.41 **Suicide deaths and death rate, 15–24 year olds**

	<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>
Number of suicide deaths of people aged 15–24 years									
1988	143	98	72	49	44	21	10	11	448
1989	111	84	73	40	50	13	7	na	na
1990	120	104	94	44	45	15	11	6	439
1991	135	127	79	48	48	12	6	7	462
1992	130	102	100	52	37	24	6	na	na
1993	118	123	75	43	21	11	6	na	na
1994	135	93	103	45	29	16	7	na	na
1995	123	107	93	53	39	11	na	na	434
1996	124	78	113	47	24	7	7	7	407
1997	170	117	118	43	37	na	11	11	na
1998	146	94	93	55	36	na	6	12	na
1999	122	76	79	47	22	12	9	13	380
Suicide death rate per 100 000 persons aged 15–24 years									
1988	15.6	13.6	15.6	19.1	19.3	28.9	19.8	37.2	16.4
1989	12.1	11.6	15.4	15.4	22.2	18.1	13.6	6.7	13.8
1990	13.1	14.4	19.5	16.8	20.1	20.9	20.9	20.0	15.9
1991	14.8	17.7	16.3	18.3	21.6	16.8	11.0	23.2	16.7
1992	14.3	14.4	20.3	19.8	16.8	33.8	10.9	na	na
1993	13.1	17.6	15.0	16.4	9.7	15.7	10.8	na	na
1994	15.0	13.6	20.4	17.1	13.7	23.1	12.7	na	na
1995	13.8	15.9	18.3	20.0	18.8	16.2	na	na	16.1
1996	14.0	11.8	22.2	17.7	11.8	10.5	13.1	22.8	15.2
1997	19.3	17.7	23.3	16.0	18.4	na	20.9	35.2	na
1998	16.6	14.2	18.3	20.2	18.0	na	11.5	38.4	na
1999	13.7	11.4	15.3	16.9	11.0	18.7	17.4	41.4	14.1

na Small numbers not reported for privacy reasons

Source: ABS (2001), *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra.

Table 7A.42 Suicide deaths and suicide death rate by area (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>Number of suicide deaths by area</i>									
1988									
Capital city	444	351	191	149	140	31	31	18	1 355
Other urban	168	81	120	8	8	28	–	na	na
Rural	118	103	96	50	36	13	–	9	425
1989									
Capital city	427	333	200	133	131	27	34	14	1 299
Other urban	164	61	109	11	9	22	–	6	382
Rural	90	102	102	41	62	10	–	na	na
1990									
Capital city	412	346	174	155	162	26	34	14	1 323
Other urban	133	57	141	13	6	22	–	–	372
Rural	130	95	108	47	46	22	na	15	na
1991									
Capital city	474	417	191	153	169	25	34	14	1 477
Other urban	163	70	149	18	11	26	–	–	437
Rural	130	116	83	41	50	16	–	5	441
1992									
Capital city	436	394	163	152	154	34	30	12	1 375
Other urban	168	59	151	16	na	36	–	na	na
Rural	127	104	114	46	53	26	na	10	na
1993									
Capital city	415	339	174	164	116	31	27	14	1 280
Other urban	143	68	97	12	6	34	–	na	na
Rural	142	88	92	40	44	18	–	7	431
1994									

Table 7A.42 Suicide deaths and suicide death rate by area (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>
Capital city	472	363	198	156	120	22	35	9	1 375
Other urban	174	72	141	13	6	32	–	na	na
Rural	134	72	110	48	41	15	–	5	425
1995									
Capital city	480	403	237	150	148	30	34	11	1 493
Other urban	170	60	146	17	na	21	–	na	na
Rural	114	100	109	50	48	15	–	9	445
1996									
Capital city	455	348	228	145	135	28	37	20	1 396
Other urban	213	61	168	19	5	23	–	na	491
Rural	141	89	141	51	43	13	–	13	491
1997									
Capital city	527	460	224	176	144	20	40	20	1 611
Other urban	218	89	165	18	3	13	–	–	506
Rural	187	119	142	60	49	18	–	18	593
1998									
Capital city	496	388	269	181	172	37	30	16	1589
Other urban	226	67	183	26	7	15	–	–	524
Rural	133	123	122	73	62	7	na	23	na
1999									
Capital city	497	375	221	155	147	34	45	13	1487
Other urban	192	67	150	19	7	27	–	–	462
Rural	167	110	103	58	46	17	–	19	520
<i>Suicide death rate per 100 000 persons by area</i>									
1998									
Capital city	12.4	11.5	17.1	13.5	15.8	19	9.8	18.5	13.3

Table 7A.42 **Suicide deaths and suicide death rate by area (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>
Other urban	16.5	12.4	16.1	21.1	14.9	8.5	–	–	15.3
Rural	13.6	16.5	16.4	19.9	17.6	7	na	29.5	na
Total	13.6	12.4	16.8	15.7	16.4	12.5	10.1	22.1	14.3
1999									
Capital city	12.3	10.9	13.8	11.4	13.5	17.5	14.6	14.8	12.3
Other urban	13.9	12.3	14.2	15.3	15	15.3	–	–	13.8
Rural	17	15.5	12.1	15.6	13	17	–	24	15.1
Total	13.6	11.7	13.7	12.7	13.4	16.6	14.5	16.6	13.2

(a) Other urban = centres with more than 20 000 population.

(b) The 'overseas' and 'no fixed abode' suicides are included in the Australian total.

(c) The Australian estimated residential population total includes the 'Other Territories' — Jervis Bay, Christmas Island and the Cocos (Keeling) Islands.

– Nil or rounded to zero. .. Not applicable

na Small numbers not reported for privacy reasons

Source: ABS (unpublished), *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra.

Table 7A.43 **Suicide and self inflicted injury rates by Indigenous status (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>1988</i>									
Non-Indigenous	725	534	407	200	179	72	31	23	2 171
Indigenous	5	na	–	7	5	–	–	5	na
Total	730	538	407	207	184	72	31	28	2 197
<i>1989</i>									
Non-Indigenous	675	498	411	177	190	59	35	24	2 069
Indigenous	6	na	–	8	12	–	–	–	na
Total	681	499	411	185	202	59	35	24	2 096
<i>1990</i>									
Non-Indigenous	671	497	423	208	206	70	35	29	2 139
Indigenous	na	na	–	7	8	–	–	na	22
Total	675	499	423	215	214	70	35	30	2 161
<i>1991</i>									
Non-Indigenous	761	606	423	208	223	66	34	18	2 339
Indigenous	6	na	–	na	8	na	–	na	21
Total	767	607	423	212	231	67	34	19	2 360
<i>1992</i>									
Non-Indigenous	729	555	428	209	206	96	31	16	2 270
Indigenous	na	na	–	5	7	–	–	7	24
Total	732	557	428	214	213	96	31	23	2 294
<i>1993</i>									
Non-Indigenous	696	494	367	207	164	82	27	20	2 057
Indigenous	7	na	–	9	na	na	–	na	24
Total	703	497	367	216	166	83	27	22	2 081
<i>1994</i>									
Non-Indigenous	774	509	455	208	161	70	36	14	2 227

Table 7A.43 **Suicide and self inflicted injury rates by Indigenous status (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>
Indigenous	7	na	–	9	8	–	–	5	na
Total	781	511	455	217	169	70	36	19	2 258
<i>1995</i>									
Non-Indigenous	752	563	495	207	193	65	33	20	2 328
Indigenous	13	na	–	11	7	na	na	na	39
Total	765	566	495	218	200	66	34	23	2 367
<i>1996</i>									
Non-Indigenous	813	496	523	206	184	64	37	27	2 350
Indigenous	na	na	16	12	na	–	–	8	43
Total	815	500	539	218	185	64	37	35	2 393
<i>1997</i>									
Non-Indigenous	933	667	496	246	191	51	42	27	2 653
Indigenous	na	na	39	9	6	–	–	11	70
Total	935	670	535	255	197	51	42	38	2 723
<i>1998</i>									
Non-Indigenous	842	575	535	267	235	58	31	31	2 574
Indigenous	20	na	44	20	9	na	–	11	109
Total	862	579	579	287	244	59	31	42	2 683
<i>1999</i>									
Non-Indigenous	862	548	456	224	198	78	45	16	2427
Indigenous	7	na	24	12	na	–	–	16	65
Total	869	552	480	236	200	78	45	32	2492
<i>Indigenous suicide rate per 100 000 Indigenous population</i>									
1996	na	na	15.3	21.4	na	–	–	15.4	11.1
1997	na	na	37.2	16.0	27.2	–	–	21.2	18.1
1998	18.2	na	42.0	35.6	40.8	na	–	21.2	16.8

Table 7A.43 **Suicide and self inflicted injury rates by Indigenous status (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>
1999	6.4	na	22.9	21.4	na	–	–	30.8	16.8

(a) Differences across States/Territories may arise because of differences in the rate of identification of Indigenous people. Only Queensland, SA, WA and the NT data from 1998 are considered to be of publishable standard. It is estimated that more than 90 per cent of Indigenous deaths in these States and Territories are identified. All other States are considered to be under-identified except for the ACT, for which the numbers of Indigenous deaths are too small to be considered publishable.

(b) Indigenous suicide rate based on the Indigenous 1996 Census counts - Cat. No. 3231.0 - Experimental Projections of the Indigenous Population - 1996 to 2006. Australian total Indigenous population includes Jervis Bay Territory.

(c) Non-Indigenous includes not stated.

na Small numbers not reported for privacy reasons

– Nil or rounded to zero.

Source: ABS (unpublished), *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra.

Table 7A.44 Suicide deaths by birthplace (number)

	<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>
1988									
Australia	525	385	315	136	122	59	23	22	1 587
English speaking	85	59	51	47	32	8	4	4	290
Non-English speaking	112	90	41	23	30	4	4	na	na
Inadequate description, at sea, nec (a)	8	4	–	1	–	1	–	–	14
Total	730	538	407	207	184	72	31	28	2 197
1989									
Australia	516	346	319	128	140	47	22	12	1 530
English speaking	70	62	58	40	27	na	5	5	na
Non-English speaking	91	87	34	17	34	10	8	7	288
Inadequate description, at sea, nec (a)	4	4	–	–	1	–	–	–	9
Total	681	499	411	185	202	59	35	24	2 096
1990									
Australia	505	365	331	133	153	61	26	24	1 598
English speaking	78	43	56	45	30	5	7	na	na
Non-English speaking	88	90	36	34	31	na	na	na	286
Inadequate description, at sea, nec (a)	4	1	–	3	–	2	–	–	10
Total	675	499	423	215	214	70	35	30	2 161
1991									
Australia	565	451	340	140	176	57	22	12	1 763
English speaking	82	61	44	47	26	6	6	na	na
Non-English speaking	105	91	38	25	28	na	6	4	300

Table 7A.44 Suicide deaths by birthplace (number)

	<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>
Inadequate description, at sea, nec (a)	15	4	1	–	1	1	–	–	22
Total	767	607	423	212	231	67	34	19	2 360
1992									
Australia	549	416	323	136	152	81	22	18	1 697
English speaking	63	52	66	50	31	5	4	–	271
Non-English speaking	112	86	39	27	29	9	5	5	312
Inadequate description, at sea, nec (a)	8	3	–	1	1	1	–	–	14
Total	732	557	428	214	213	96	31	23	2 294
1993									
Australia	519	360	284	146	110	73	21	16	1 529
English speaking	59	54	51	41	30	4	na	na	242
Non-English speaking	121	79	31	29	26	6	5	4	301
Inadequate description, at sea, nec (a)	4	4	1	–	–	–	–	–	9
Total	703	497	367	216	166	83	27	22	2 081
1994									
Australia	578	353	349	145	120	61	27	16	1 649
English speaking	76	48	63	53	31	5	5	na	na
Non-English speaking	119	105	42	19	18	4	4	na	na
Inadequate description, at sea, nec (a)	8	5	1	–	–	–	–	1	15
Total	781	511	455	217	169	70	36	19	2 258
1995									
Australia	568	420	385	148	146	55	21	18	1 761
English speaking	74	46	64	41	33	4	4	na	na

Table 7A.44 Suicide deaths by birthplace (number)

	<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>
Non-English speaking	118	95	41	26	20	6	8	na	na
Inadequate description, at sea, nec (a)	5	5	5	3	1	1	1	–	21
Total	765	566	495	218	200	66	34	23	2 367
1996									
Australia	626	351	429	148	128	54	23	29	1 788
English speaking	77	57	65	46	26	4	4	na	na
Non-English speaking	100	90	43	23	25	4	10	4	299
Inadequate description, at sea, nec (a)	12	2	2	1	6	2	–	–	25
Total	815	500	539	218	185	64	37	35	2 393
1997									
Australia	702	497	423	180	156	43	32	30	2 063
English speaking	94	67	63	46	18	6	4	4	302
Non-English speaking	130	99	44	27	23	na	6	4	na
Inadequate description, at sea, nec (a)	9	7	5	2	–	1	–	–	24
Total	935	670	535	255	197	51	42	38	2 723
1998									
Australia	648	446	472	200	186	47	20	36	2 055
English speaking	91	50	66	54	35	6	5	4	311
Non-English speaking	118	81	38	33	21	na	6	na	302
Inadequate description, at sea, nec (a)	5	2	3	–	2	3	–	–	15
Total	862	579	579	287	244	59	31	42	2 683

Table 7A.44 Suicide deaths by birthplace (number)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
1999									
Australia	635	409	366	167	141	67	39	28	1 852
English speaking	86	53	72	43	31	6	na	na	294
Non-English speaking	141	84	40	25	26	3	5	na	na
Inadequate description, at sea, nec (a)	7	6	2	1	2	2	–	1	21
Total	869	552	480	236	200	78	45	32	2 492

(a) nec = Not elsewhere classified.

– Nil or rounded to zero.

Source: ABS (unpublished), *Causes of Deaths, Australia, cat. no. 3303.0, Canberra.*

Table 7A.45 **Average and median length of stay of overnight separations with specialised psychiatric care by hospital type, 1998-99 (days) (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Average length of stay</i>									
Public acute hospitals	16.7	16.1	12.0	19.3	13.5	8.5	11.7	11.0	15.0
Public psychiatric hospitals	57.1	27.2	350.6	42.3	27.6	89.0	..	..	73.7
Total (b)	28.2	16.5	37.8	23.9	19.4	26.3	12.0	11.0	25.8
<i>Median length of stay</i>									
Public acute hospitals	8.0	8.0	6.0	10.0	8.0	5.0	6.0	6.0	8.0
Public psychiatric hospitals	13.0	12.0	12.0	8.0	13.0	..	17.0	na	12.0
Total (b)	9.0	9.0	7.0	10.0	10.0	5.0	6.0	6.0	9.0

(a) ICD-9-CM data reported by Queensland, Western Australia, South Australia and Tasmania have been mapped to ICD-10-AM. Comparisons with data reported by other jurisdictions in ICD-10-AM should be made cautiously, with reference to the classifications and maps, as appropriate.

(b) Includes private hospitals.

(c) Queensland does not artificially discharge hospital patients at the end of each financial year and, as a result, length of stay for public psychiatric hospitals is not comparable with other jurisdictions and the average length of stay for mental health patients in Queensland hospitals would appear significantly higher than other states that do 'artificially separate' patients at 30 June.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Australian Institute of Health and Welfare (AIHW) 2001. *Mental health services in Australia 1998-99: National Minimum Data Sets-Mental Health Care*, AIHW cat. no. HSE 15. AIHW (Mental Health Series no. 2), Canberra.

Table 7A.46 **Average and median length of stay of overnight separations with specialised psychiatric care by hospital type and major diagnostic category, 1998-99 (a) (b)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<i>Average length of stay</i>									
Public acute hospitals									
MDC 19	14.4	13.3	10.8	14.6	12.9	8.0	11.6	9.0	12.8
MDC 20	5.8	6.8	5.3	7.5	8.4	4.1	5.2	5.6	6.1
Public psychiatric hospitals									
MDC 19	16.6	51.0	61.8	24.4	20.3	29.4	..	..	23.8
MDC 20	5.7	..	59.9	10.4	7.1	13.7	..	..	7.9
<i>Median length of stay</i>									
Public acute hospitals									
MDC 19	9.0	8.0	6.0	10.0	9.0	5.0	7.0	6.0	8.0
MDC 20	4.0	5.0	4.0	5.0	6.0	3.0	3.0	5.0	4.0
Public psychiatric hospitals									
MDC 19	9.0	37.0	21.0	15.0	9.0	13.0	..	..	11.0
MDC 20	4.0	..	11.0	7.0	3.0	9.0	..	..	4.0

(a) MDC = Major Diagnostic Category. MDC 19 covers mental diseases and disorders. MDC 20 covers Alcohol/drug use and alcohol/drug induced organic mental disorders.

(b) Total includes private hospitals.

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

Source: Australian Institute of Health and Welfare (AIHW) 2001. *Mental health services in Australia 1998-99: National Minimum Data Sets-Mental Health Care*, AIHW cat. no. HSE 15. AIHW (Mental Health Series no. 2), Canberra.

Table 7A.47 Real average recurrent cost per inpatient bed day, public hospitals (1999-2000 dollars) (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>
<i>Dollars per bed day</i>									
1995-96	409.22	463.64	325.32	384.24	345.73	292.75	468.09	680.59	388.76
1996-97	413.37	419.15	355.80	419.47	354.00	350.15	463.29	729.21	395.96
1997-98	419.67	418.91	369.17	433.78	372.82	421.54	430.53	712.42	406.58
1998-99	442.80	427.89	388.47	466.59	385.15	409.80	368.37	846.61	424.68
1999-2000	n.a	438.42	429.76	496.34	377.06	418.85	370.53	713.61	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Depreciation excluded for all years.

(c) See *National Mental Health Report 2001* for full description of data sources and analysis.

(d) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, National Survey of Mental Health Services.

Table 7A.48 Average recurrent cost to government per patient day for community residential services (dollars per patient day, current prices) (a) (b) (c) (d) (g) (h)

	NSW	Vic	Qld (e, f)	WA	SA	Tas	ACT	NT (e)	Aust
<i>1998-99</i>									
24 hour staffed units	217.11	204.24	..	207.16	91.47	263.50	221.70	..	208.81
<i>1999-2000</i>									
24 hour staff units	na	200.85	778.69	265.62	96.67	263.13	218.27	..	na
Non 24 hour staffed units	na	123.13	..	..	..	..	47.77	62.83	na

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Depreciation included for all years, variably handled by jurisdictions.

(c) Unit costs, not casemix-adjusted.

(d) Prior to 1999-2000, community residential was defined as 24 hour staffed residential units in community settings (external to the campus of a general hospital or psychiatric institution) and funded by government. From 1999-2000, the definition has broadened to incorporate all staffed community based units, regardless of the number of hours that staff are present.

(e) 24 hour residential services not available in 1998-99 in the NT and Queensland.

(f) High unit costs for Queensland in 1999-2000 reflect establishment of single, new unit late in the year.

(g) See *National Mental Health Report 2001* for full description of data sources and analysis.

(h) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.49 **Average recurrent cost to government per treated patient in the community, 1999-2000 (a) (b) (c) (d) (e) (f)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Unit cost (dollars per treated patient in the community)	n.a	1 746.55	1 281.50	1 284.32	1 057.15	1 153.33	1 135.66	1 145.05	n.a
Services with missing patient data (per cent)	n.a	8.1	1.1	18.9	19.8	21.1	8.3	–	n.a
Expenditure covered by missing services (per cent)	n.a	3.0	0.6	13.8	4.8	30.8	11.7	–	n.a

(a) Preliminary data: final validation ongoing prior to publication in *National Mental Health Report 2001*.

(b) Reporting of number of patients treated has variable level of missing data across jurisdictions. In some jurisdictions, it is not possible to calculate the exact number of patients treated, so a best estimate is provided. Additionally, the absence of unique patient identifiers in most jurisdictions creates overcounting of the number of patients treated, artificially reducing average costs.

(c) Depreciation included, variably handled by jurisdictions.

(d) Unit costs not casemix adjusted.

(e) See National Mental Health Report 2001 for full description of data sources and analysis.

(f) National totals and per capita averages not available. NSW data for 1999-2000 not released for the purposes of this Report.

– Nil or rounded to zero. .. Not applicable. **na** Not available.

Source: Department of Health and Aged Care, *National Survey of Mental Health Services*.

Table 7A.50 **NSW Mental Health Clinical Care and Prevention (MH-CCP) model, Version 1.11 (a) (b) (c) (d)**

	0-1	36 983	37 200	43 070	18-64	65+	Total
<i>Mental health and clinical care prevention model parameters (NSW 1996)</i>							
<i>Population Parameters</i>							
Standard populations ('000s)	100	100	100	100	100	100	100
NSW 1996 population ('000s)	175	265	612	516	3 856	782	6 205
Per cent by age group	0.0	0.0	0.1	0.1	0.6	0.1	1.0
Age-specific population (per 100 000)	2 814	4 266	9 861	8 311	62 142	12 606	100 000
<i>Prevalence Parameters (%)</i>							
Total 12 month prevalence	5.8	10.0	16.0	20.6	17.8	12.9	16.6
Severe	0.8	2.1	2.1	2.4	2.8	2.0	2.5
Moderate	–	2.9	5.9	7.9	4.2	4.2	4.5
At risk/ early intervention/mild	5.0	5.0	8.0	10.3	10.8	6.7	9.6
Early intervention for psychosis program	na	na	na	na	0.03	na	0.02
Post natal depression program	na	na	na	na	0.01	na	0.01
ED attendances (MH DRGs) per cent of population, per year	0.14	0.06	0.09	0.29	0.66	0.53	0.52

(a) The Table above is slightly adapted from Appendix B of the MH-CCP model, and represents the best available State-wide estimates of prevalence, by severity level and age group. The NSW Health Survey of adults aged 16+ (N>=1000 per Area Health Service x 17 x 2 Years, 1997 and 1998; N=35,000) contains the Kessler K10+-LM measure. All the data may be seen at www.health.nsw.gov.au. The K10-LM is strongly related to current diagnoses of anxiety and/or depressive disorders in the National Survey of Mental Health and Wellbeing (N=10,641, 1997). The NSW Older People's Health Survey of 1999 (N>=500 people aged 65+ in each AHS, N>8500) provides similar evidence with the K6-LM measure, and also estimates of dementia prevalence that align with other estimates used in the prevalence data given for people aged 65+ below.

Table 7A.50 **NSW Mental Health Clinical Care and Prevention (MH-CCP) model, Version 1.11 (a) (b) (c) (d)**

	<i>0-1</i>	<i>36 983</i>	<i>37 200</i>	<i>43 070</i>	<i>18-64</i>	<i>65+</i>	<i>Total</i>
(b) Some results of Collaborative work between the NSW Health Department Centre for Mental Health and Professor Kessler (Dept of Health Care Policy, Harvard Medical School) and Professor Gavin Andrews (UNSW) can be found at www.crufad.org , including the Sensitivity and Specificity of the K10-LM versus diagnosis. This allows the calculation of synthetic estimates of relative prevalence of mild and moderate levels of mental illness, by Area Health Service, in NSW. The K10+-LM measure used in the NSW Health Survey is being introduced as a standard self-report assessment measure in all NSW mental health services, which will assist alignment of population and treated prevalence data, by Area Health Service. The K10-LM measure has also been adopted in other jurisdictions for population surveying (WA/SA/NT survey; ABS National Health Survey, 2001). Finally, the K10-LM is being used by Kessler and others in the WMH2000 series of mental health epidemiological surveys in 26 countries (N=200,000) under the auspices of WHO.							
(c) Thus, for levels of mental illness for which most treatment is in primary care or ambulatory specialist mental health care, there is an emerging cost-effective technology for prevalence estimation at the local area level. However, estimates of the "Severe" levels of illness which are most relevant to current State public sector mental health expenditures, especially inpatient services, can only be assembled in Australia by a combination of modelling and other processes that rely on service data, especially from those States (Victoria, WA) that maintain psychiatric case registers, combined with overseas estimates from surveys that made the (expensive) investment in clinical re-interviewing and rigorous ascertainment.							
(d) The NSW Mental Health Clinical Care and Prevention (MH-CCP) model, Version 1.11, was released to Area Health Services for population-based service planning in January 2001. – Nil or rounded to zero. .. Not applicable. na Not available.							

Source: NSW Health Department

Table 7A.51 **SA mental health survey 1997**

Time period	June and July 1997
Survey method	SERCIS (telephone using CATI)
Respondents	SA residential households with a telephone connected and telephone number listed in the White Pages. Only adults eligible to participate (18 years and over). Interviews conducted in English, Italian, Vietnamese and Greek.
Sample size	2500
Response rate	0.74
Organisation conducting the survey	Centre for Population Studies in Epidemiology, SA Department of Human Services
Organisation funding the survey	SA Department of Human Services
<i>General Health Questionnaire 28 item (GHQ-28)</i>	
Description	The GHQ is a self-administered screening test used to detect psychiatric disorders among people in the community. It has been found to be an efficient, reliable and valid instrument for measuring non-psychotic psychological disturbances.
Results	Overall, 19.5 per cent of adults in South Australia have a mental health condition according to the GHQ-28.
<i>Self-reported mental health condition</i>	
Description	Current self-reported mental health condition was defined as: <p style="margin-left: 40px;">If the respondent has been told by a doctor in the previous 12 months that they had anxiety, depression, a stress related problem or another mental health problem; or</p> <p style="margin-left: 40px;">If the respondent was currently receiving treatment for anxiety, depression, a stress related problem or another mental health problem.</p>
Results	Overall, 12.0 per cent of the SA population who reported a current mental health condition.

Source: SA Health Department.