

## 7A Health management issues — attachment

Definitions for the indicators and descriptors in this attachment are in section 7.4. 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/2001/Attach7A.pdf](http://www.pc.gov.au/service/gsp/2001/Attach7A.pdf). Users without Internet access can contact the Secretariat to obtain up-to-date data (details on the inside front cover of the Report).

## 7A.1 Breast cancer

Table 7A.1 Number of new cases of breast cancer<sup>a</sup>

	<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>
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	2 709	2 054	1 326	751	766	203	100	34	7 943
1993	3 051	2 173	1 551	779	795	245	115	29	8 738
1994	3 331	2 607	1 571	843	820	287	140	43	9 642
1995	3 462	2 602	1 603	937	912	255	147	33	9 951
1996	3 352	2 444	1 661	875	820	224	134	46	9 556
1997	3 516	2 609	1 886	935	889	233	140	49	10 257

<sup>a</sup> 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.

Sources: AIHW *et al.* (Australian Institute of Health and Welfare and Australasian Association of Cancer Registries and NHMRC National Breast Cancer Centre) 1999, *Breast cancer in Australian women 1982 to 1996*, Canberra: AIHW (Cancer series); 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.2 Incidence rates of breast cancer, for women of all age groups<sup>a</sup>

	<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>
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	83.5	85.6	85.9	91.8	92.3	79.5	82.5	67.7	85.7
1993	92.5	89.3	97.2	93.3	95.3	96.8	90.1	62.3	92.7
1994	99.7	105.3	95.2	99.7	96.1	110.6	107.5	67.9	100.3
1995	101.5	103.2	94.1	107.1	104.7	96.8	105.0	61.5	101.1
1996	96.1	95.6	94.1	97.1	92.7	83.8	93.2	69.8	94.9
1997	na	na	na	na	na	na	na	na	98.5

<sup>a</sup> Rates are expressed per 100 000 woman years and are age standardised to the Australian 1991 population standard.

Sources: AIHW *et al.* (Australian Institute of Health and Welfare and Australasian Association of Cancer Registries and NHMRC National Breast Cancer Centre) 1999, *Breast cancer in Australian women 1982 to 1996*, Canberra: AIHW (Cancer series); 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.3 Incidence rates of breast cancer by age<sup>a, b</sup>

	<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>
1982–1986									
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 years ASR (Aust)	175.7	189.4	175.4	186.2	178.5	149.5	208.7	81.2	179.7
1987–1991									
0–4 years	–	–	–	–	–	–	–	–	–

Table 7A.3 Incidence rates of breast cancer by age<sup>a, b</sup>

	<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>
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 years ASR (Aust)	212.4	209.4	214.4	230.4	206.6	180.6	222.0	160.7	211.9
1992–1996									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	–
10–14 years	–	–	0.3	–	–	–	–	–	0.1

Table 7A.3 Incidence rates of breast cancer by age<sup>a, b</sup>

	<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>
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 years ASR (Aust)	265.9	267.7	250.6	270.7	277.7	263.6	257.8	188.5	264.8
1994–1997									
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

Table 7A.3 Incidence rates of breast cancer by age<sup>a, b</sup>

	<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>
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 (Aust)	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

<sup>a</sup> Rates are expressed per 100 000 woman years and are age standardised to the Australian 1991 population standard.

<sup>b</sup> ASR = Age standardised rates; CI = confidence interval.

– Nil or rounded to zero.

Sources: AIHW *et al.* (Australian Institute of Health and Welfare and Australasian Association of Cancer Registries and NHMRC National Breast Cancer Centre) 1999, *Breast cancer in Australian women 1982 to 1996*, Canberra: AIHW (Cancer series); 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.4 Number of women screened by BreastScreen services, by age

	NSW	Vic <sup>a</sup>	Qld	WA	SA	Tas	ACT	NT
1996								
40–44 years	na	5 538	11 793	2 999	2 658	1 952	1 048	na
45–49 years	na	10 525	16 534	10 589	6 152	3 017	1 974	na
50–54 years	na	32 796	17 313	12 149	10 637	3 314	2 370	na
55–59 years	na	30 971	14 331	10 514	9 940	3 028	1 707	na
60–64 years	na	26 894	11 742	8 911	8 447	2 551	1 213	na
65–69 years	na	25 583	10 402	7 062	7 892	2 092	933	na
70–74 years	na	14 946	7 076	1 760	1 897	554	291	na
75–79 years	na	3 674	3 490	544	592	184	150	na
80–84 years	na	na	1 082	152	140	55	34	na
80 + years	na	994	na	na	161	63	40	na
85 + years	na	na	240	36	21	8	6	na
Not stated	na	–	na	1	–	–	–	na
<b>40+ years</b>	<b>224 935</b>	<b>151 921</b>	<b>94 003</b>	<b>54 717</b>	<b>48 375</b>	<b>16 755</b>	<b>9 726</b>	<b>na</b>
<b>50–69 years</b>	<b>146 424</b>	<b>116 244</b>	<b>53 788</b>	<b>38 636</b>	<b>36 916</b>	<b>10 985</b>	<b>6 223</b>	<b>na</b>
1997								
40–44 years	na	5 912	13 441	na	2 599	1 527	na	na
45–49 years	na	10 924	19 095	na	5 506	2 914	3 083	na
50–54 years	na	39 263	24 161	na	12 789	3 751	na	na
55–59 years	na	28 439	19 421	na	11 344	2 959	na	na
60–64 years	na	24 066	16 122	na	9 705	2 764	na	na
65–69 years	na	21 852	14 359	na	8 864	2 494	7 526	na
70–74 years	na	15 302	9 466	na	2 268	634	na	na
75–79 years	na	3 894	5 139	na	807	253	na	na
80–84 years	na	1 029	1 485	na	170	53	na	na
80 + years	na	na	na	na	195	59	575	na
40–49 years	na	16 836	na	12 547	8 105	4 441	3 083	na
<b>50–69 years</b>	<b>160 602</b>	<b>113 620</b>	<b>74 063</b>	<b>42 700</b>	<b>42 702</b>	<b>11 968</b>	<b>7 526</b>	<b>na</b>
70–84 years	na	na	na	3 465	3 245	940	575	na
85 + years	na	na	312	54	25	6	9	na
Not stated	na	–	na	1	–	–	–	na
<b>40+ years</b>	<b>252 502</b>	<b>150 681</b>	<b>123 001</b>	<b>58 827</b>	<b>54 077</b>	<b>17 355</b>	<b>11 193</b>	<b>na</b>
1998								
40–44 years	25 110	6 453	16 717	na	3 475	2 006	na	na
45–49 years	37 403	11 695	22 768	na	7 187	3 422	2 972	na
50–54 years	50 466	40 986	30 734	na	14 420	4 517	na	na
55–59 years	42 891	32 137	23 291	na	11 165	3 713	na	na
60–64 years	37 052	28 147	18 640	na	10 182	3 077	na	na
65–69 years	33 218	25 174	16 529	na	8 797	2 563	7 532	na
70–74 years	25 395	19 077	10 332	na	3 327	810	na	na
75–79 years	10 496	4 178	5 226	na	1 198	317	na	na



Table 7A.4 **Number of women screened by BreastScreen services, by age**

	NSW	Vic <sup>a</sup>	Qld	WA	SA	Tas	ACT	NT
80–84 years	3 272	na	1 635	na	311	68	504	na
80 + years	3 985	950	na	na	359	83	na	na
40–49 years	62 513	18 148	na	13 038	10 662	5 428	2 972	na
<b>50–69 years</b>	<b>163 627</b>	<b>126 444</b>	<b>89 194</b>	<b>46 343</b>	<b>44 564</b>	<b>13 870</b>	<b>7 526</b>	<b>na</b>
70–84 years	39 163	na	na	3 581	4 836	1 195	504	na
85 + years	713	na	395	36	48	15	8	na
Not stated	–	–	na	–	–	–	–	na
<b>40+ years</b>	<b>266 016</b>	<b>168 797</b>	<b>146 267</b>	<b>62 998</b>	<b>60 110</b>	<b>20 508</b>	<b>11 016</b>	<b>na</b>
1999								
40–44 years	na	na	15 909	na	3 333	1 437	na	na
45–49 years	na	na	23 144	na	6 698	2 927	3 007	na
50–54 years	na	na	30 945	na	15 532	4 291	na	na
55–59 years	na	na	24 702	na	13 081	3 753	na	na
60–64 years	na	na	20 382	na	11 380	3 256	na	na
65–69 years	na	na	17 155	na	9 559	2 735	8 736	na
70–74 years	na	na	12 490	na	3 205	633	na	na
75–79 years	na	na	6 690	na	1 110	282	na	na
80–84 years	na	na	2 045	na	256	61	505	na
80 + years	na	na	na	na	296	na	na	na
40–49 years	na	na	na	12 081	10 031	4 364	3 007	na
<b>50–69 years</b>	<b>na</b>	<b>na</b>	<b>93 184</b>	<b>44 663</b>	<b>49 552</b>	<b>14 035</b>	<b>8 736</b>	<b>na</b>
70–84 years	na	na	na	3 223	4 571	976	505	na
85 + years	na	na	469	33	40	7	8	na
Not stated	na	na	na	–	na	–	–	na
<b>40+ years</b>	<b>na</b>	<b>na</b>	<b>153 931</b>	<b>60 000</b>	<b>64 194</b>	<b>19 382</b>	<b>12 256</b>	<b>na</b>

<sup>a</sup> Excludes women less than 40 years old. Data not available for age groupings 70–84 years, and 85 years plus.

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

Sources: Jurisdiction 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.5 Participation rates of women in BreastScreen Australia, bi-calendar years<sup>a</sup>

	<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
Age standardised rate	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	31.5	14.1	34.2	27.2	23.3	38.6	32.9	23.6	26.7
50–54 years	51.0	57.9	51.9	53.8	58.3	58.2	57.2	54.3	54.1
55–59 years	55.0	56.2	53.6	56.2	62.3	61.7	63.0	53.9	56.1
60–64 years	54.0	55.0	53.3	56.5	61.7	59.0	60.3	42.8	55.3
65–69 years	50.5	51.8	50.4	51.7	55.6	53.2	54.9	42.1	51.5
70–74 years	38.9	39.9	34.9	16.9	17.8	16.4	19.0	23.4	33.9
75–79 years	20.2	11.9	22.6	8.5	7.9	7.8	11.5	17.7	15.9
80–84 years	9.1	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									
Crude rate	36.1	31.7	37.4	31.8	32.9	36.5	36.6	30.7	34.5
Age standardised rate	37.1	32.6	38.3	32.9	34.6	38.1	37.0	31.3	35.6

Table 7A.5 Participation rates of women in BreastScreen Australia, bi-calendar years<sup>a</sup>

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
95% CI	37.1–37.2	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
Ages 50–69									
Crude rate	52.5	55.5	52.7	54.6	59.4	58.2	58.9	50.8	54.3
Age standardised rate	52.6	55.4	52.7	54.6	59.5	58.2	58.9	48.6	54.3
95% CI	52.4–52.8	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	na	na	24.5	na	na	na	na	na	na
45–49 years	na	na	36.5	na	na	na	na	na	na
50–54 years	na	na	55.0	na	60.4	na	na	na	na
55–59 years	na	na	57.2	na	64.8	na	na	na	na
60–64 years	na	na	57.7	na	65.4	na	na	na	na
65–69 years	na	na	54.9	na	58.4	na	na	na	na
70–74 years	na	na	39.6	na	na	na	na	na	na
75–79 years	na	na	24.7	na	na	na	na	na	na
80–84 years	na	na	11.5	na	na	na	na	na	na
85 + years	na	na	3.1	na	na	na	na	na	na
50–69 years	na	na	56.1	na	62.1	na	na	na	na

<sup>a</sup> 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.

CI = Confidence interval.

Sources: 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); Jurisdiction governments; 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.6 Number of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds)**

	NSW	Vic <sup>a</sup>	WA <sup>f</sup>	SA	Tas	ACT	NT
1996							
Indigenous <sup>b</sup>							
Aged 40–49 years	na	na	69	47	57	12	na
Aged 50–69 years	632	na	162	83	65	10	na
Aged 70 + years	na	na	2	4	3	1	na
<b>Total (40+)</b>	<b>1 034</b>	<b>na</b>	<b>234</b>	<b>134</b>	<b>125</b>	<b>23</b>	<b>na</b>
NESB <sup>c</sup>							
Aged 40–49 years	na	6 720	1 444	902	112	435	na
Aged 50–69 years	19 039	42 947	4 158	4 677	373	1 091	na
Aged 70 + years	na	4 312	217	256	34	96	na
<b>Total (40+)</b>	<b>27 812</b>	<b>53 979</b>	<b>5 823</b>	<b>5 835</b>	<b>519</b>	<b>1 622</b>	<b>na</b>
Metropolitan or capital city (all women) <sup>d</sup>							
Aged 40–49 years	na	24 049	9 747	6 511	na	2 963	na
Aged 50–69 years	na	146 835	26 582	25 762	na	6 063	na
Aged 70 + years	na	22 107	1 579	1 758	na	480	na
<b>Total (40+)</b>	<b>na</b>	<b>192 991</b>	<b>37 915</b>	<b>34 031</b>	<b>na</b>	<b>9 506</b>	<b>na</b>
Rural and remote or Rest of State (all women) <sup>e</sup>							
Aged 40–49 years	na	11 527	3 826	2 299	na	59	na
Aged 50–69 years	na	66 077	12 008	11 154	na	160	na
Aged 70 + years	na	11 015	913	891	na	1	na
<b>Total (40+)</b>	<b>na</b>	<b>88 619</b>	<b>16 804</b>	<b>14 344</b>	<b>na</b>	<b>220</b>	<b>na</b>
1997							
Indigenous <sup>b</sup>							
Aged 40–49 years	na	na	273	70	68	14	na
Aged 50–69 years	659	na	630	223	83	15	na
Aged 70 + years	na	na	68	17	3	1	na
<b>Total (40+)</b>	<b>1 154</b>	<b>na</b>	<b>974</b>	<b>310</b>	<b>154</b>	<b>30</b>	<b>na</b>
NESB <sup>c</sup>							
Aged 40–49 years	na	na	1 281	851	88	449	na
Aged 50–69 years	22 737	na	4 603	5 713	399	1 291	na
Aged 70 + years	na	na	336	340	25	93	na
<b>Total (40+)</b>	<b>34 144</b>	<b>na</b>	<b>6 223</b>	<b>6 904</b>	<b>512</b>	<b>1 833</b>	<b>na</b>
Metropolitan or capital city (all women) <sup>d</sup>							
Aged 40–49 years	na	22 331	8 382	5 825	na	3 038	na
Aged 50–69 years	na	158 254	31 088	30 053	na	7 444	na
Aged 70 + years	na	25 215	2 672	2 258	na	581	na
<b>Total (40+)</b>	<b>na</b>	<b>205 800</b>	<b>42 147</b>	<b>38 136</b>	<b>na</b>	<b>11 063</b>	<b>na</b>
Rural and remote or Rest of State (all women) <sup>e</sup>							
Aged 40–49 years	na	10 206	4 158	2 280	na	38	na
Aged 50–69 years	na	69 536	11 587	12 649	na	75	na

**Table 7A.6 Number of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds)**

	<i>NSW</i>	<i>Vic</i> <sup>a</sup>	<i>WA</i> <sup>f</sup>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Aged 70 + years	na	12 244	845	1 012	na	3	na
<b>Total (40+)</b>	<b>na</b>	<b>91 986</b>	<b>16 657</b>	<b>15 941</b>	<b>na</b>	<b>116</b>	<b>na</b>
1998							
Indigenous <sup>b</sup>							
Aged 40–49 years	na	na	65	49	68	11	na
Aged 50–69 years	756	na	177	131	101	18	na
Aged 70 + years	na	na	6	5	5	0	na
<b>Total (40+)</b>	<b>1 238</b>	<b>na</b>	<b>248</b>	<b>185</b>	<b>174</b>	<b>29</b>	<b>na</b>
NESB <sup>c</sup>							
Aged 40–49 years	na	na	1 318	1 026	136	491	na
Aged 50–69 years	22 028	na	4 967	5 557	482	1 273	na
Aged 70 + years	na	na	326	439	41	71	na
<b>Total (40+)</b>	<b>33 474</b>	<b>na</b>	<b>6 612</b>	<b>7 022</b>	<b>659</b>	<b>1 835</b>	<b>na</b>
Metropolitan or capital city (all women) <sup>d</sup>							
Aged 40–49 years	na	23 752	9 380	7 539	na	2 951	na
Aged 50–69 years	na	166 199	33 020	30 745	na	7 424	na
Aged 70 + years	na	28 079	2 366	3 282	na	503	na
<b>Total (40+)</b>	<b>na</b>	<b>218 030</b>	<b>44 762</b>	<b>41 566</b>	<b>na</b>	<b>10 878</b>	<b>na</b>
Rural and remote or Rest of State (all women) <sup>e</sup>							
Aged 40–49 years	na	10 889	3 643	3 123	na	21	na
Aged 50–69 years	na	71 978	13 272	13 819	na	108	na
Aged 70 + years	na	14 020	1 251	1 602	na	9	na
<b>Total (40+)</b>	<b>na</b>	<b>96 887</b>	<b>18 232</b>	<b>18 544</b>	<b>na</b>	<b>138</b>	<b>na</b>
1999							
Indigenous <sup>b</sup>							
Aged 40–49 years	na	na	269	91	64	20	na
Aged 50–69 years	na	na	639	236	99	20	na
Aged 70 + years	na	na	48	20	2	2	na
<b>Total (40+)</b>	<b>na</b>	<b>na</b>	<b>959</b>	<b>347</b>	<b>165</b>	<b>42</b>	<b>na</b>
NESB <sup>c</sup>							
Aged 40–49 years	na	na	1 079	930	99	457	na
Aged 50–69 years	na	na	4 692	6 439	404	1 481	na
Aged 70 + years	na	na	312	439	35	74	na
<b>Total (40+)</b>	<b>na</b>	<b>na</b>	<b>6 084</b>	<b>7 808</b>	<b>538</b>	<b>2 012</b>	<b>na</b>
Metropolitan or capital city (all women) <sup>d</sup>							
Aged 40–49 years	na	na	7 984	7 087	na	2 973	na
Aged 50–69 years	na	na	32 404	35 795	na	8 668	na
Aged 70 + years	na	na	2 291	3 225	na	510	na
<b>Total (40+)</b>	<b>na</b>	<b>na</b>	<b>42 686</b>	<b>46 107</b>	<b>na</b>	<b>12 151</b>	<b>na</b>
Rural and remote or Rest of State (all women) <sup>e</sup>							

**Table 7A.6 Number of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds)**

	<i>NSW</i>	<i>Vic</i> <sup>a</sup>	<i>WA</i> <sup>f</sup>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Aged 40–49 years	na	na	4 086	2 944	na	34	na
Aged 50–69 years	na	na	12 217	13 757	na	68	na
Aged 70 + years	na	na	964	1 386	na	3	na
<b>Total (40+)</b>	<b>na</b>	<b>na</b>	<b>17 336</b>	<b>18 087</b>	<b>na</b>	<b>105</b>	<b>na</b>

a Victorian data excludes women under 40 and older than 79 years. 1996 data are for the two year period 1995 and 1996; 1997 data are for the two year period 1996 and 1997 and 1998 data are for the two year period 1997 and 1998.

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

c NESB is defined as persons who speak a language other than English at home.

d Metropolitan' is defined according to the AIHW's RRMA classification of capital city and other metropolitan centres.

e Rural and remote' is defined according to the AIHW's RRMA classification of non-metropolitan zones (large rural centres, small rural centres other rural areas, remote centres, and other remote areas).

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.

na Not available.

Source: Jurisdictions

Table 7A.6A Participation rates of women in BreastScreen Australia, by special needs groups: Queensland (per cent)<sup>a</sup>

	<i>All metropolitan women<sup>b</sup></i>	<i>All rural/remote women<sup>b</sup></i>	<i>All women in all areas<sup>b</sup></i>	<i>Metropolitan Indigenous<sup>c, e</sup></i>	<i>Rural/remote Indigenous<sup>c, e</sup></i>	<i>All Indigenous women<sup>c, e</sup></i>	<i>Metropolitan NESB<sup>d</sup></i>	<i>Rural/remote NESB<sup>d</sup></i>	<i>All NESB women<sup>d</sup></i>
1996–1997									
40–44 years	15.3	26.5	19.8	17.0	22.7	20.8	19.5	31.7	22.7
45–49 years	24.7	36.7	29.4	26.7	31.6	30.1	29.6	43.2	33.0
40–49 years	19.9	31.3	24.4	21.2	26.7	24.9	24.4	37.2	27.7
50–54 years	37.7	48.8	42.2	33.5	38.2	36.8	42.1	57.9	46.2
55–59 years	40.7	49.0	44.2	38.6	39.6	39.3	49.9	70.0	55.6
60–64 years	40.7	47.9	43.8	32.4	37.4	36.0	47.2	70.3	53.8
65–69 years	38.1	42.9	40.1	37.1	28.5	31.0	40.8	58.1	45.5
50–69 years	39.2	47.4	42.6	35.3	36.9	36.4	44.8	63.8	50.0
70–74 years	28.3	31.2	29.4	29.6	24.6	26.1	26.5	46.6	31.6
75–79 years	18.9	21.0	19.7	14.1	10.6	11.5	14.5	22.1	16.3
70–79 years	24.1	26.8	25.2	na	na	na	21.2	36.1	24.9
80–84 years	7.8	9.3	8.4	na	na	na	5.1	10.0	6.3
85+ years	2.1	2.5	2.2	na	na	na	1.9	0.2	1.5
80+ years	5.3	6.3	5.7	na	na	na	3.7	5.7	4.2

Table 7A.6A Participation rates of women in BreastScreen Australia, by special needs groups: Queensland (per cent)<sup>a</sup>

	<i>All metropolitan women<sup>b</sup></i>	<i>All rural/remote women<sup>b</sup></i>	<i>All women in all areas<sup>b</sup></i>	<i>Metropolitan Indigenous<sup>c, e</sup></i>	<i>Rural/remote Indigenous<sup>c, e</sup></i>	<i>All Indigenous women<sup>c, e</sup></i>	<i>Metropolitan NESB<sup>d</sup></i>	<i>Rural/remote NESB<sup>d</sup></i>	<i>All NESB women<sup>d</sup></i>
1997–1998									
40–44 years	19.7	28.2	23.1	23.0	23.9	23.6	24.8	32.4	26.8
45–49 years	30.1	40.6	34.2	29.0	35.3	33.3	36.8	45.2	38.9
40–49 years	24.8	34.1	28.5	25.6	29.0	27.9	30.7	38.5	32.7
50–54 years	48.3	57.4	51.9	48.3	44.2	45.5	52.5	66.5	56.1
55–59 years	50.1	58.5	53.6	49.2	47.5	48.0	60.2	78.7	65.3
60–64 years	50.3	57.4	53.3	46.8	44.0	44.8	61.5	80.6	67.0
65–69 years	47.9	53.8	50.4	55.9	36.1	41.8	52.3	74.7	58.5
50–69 years	49.1	57.0	52.3	49.4	43.8	45.5	56.2	74.4	61.2
70–74 years	33.8	36.5	34.9	40.0	25.7	29.9	33.9	50.7	38.2
75–79 years	22.1	23.4	22.6	17.2	11.1	12.8	18.6	25.5	20.3
70–79 years	28.5	30.8	29.4	na	na	na	27.0	39.8	30.2
80–84 years	9.1	11.4	10.0	na	na	na	4.9	10.8	6.3
85+ years	2.6	2.8	2.7	na	na	na	1.7	1.2	1.5
80+ years	6.1	7.5	6.6	na	na	na	3.4	6.4	4.1



Table 7A.6A Participation rates of women in BreastScreen Australia, by special needs groups: Queensland (per cent)<sup>a</sup>

	All metropolitan women <sup>b</sup>	All rural/remote women <sup>b</sup>	All women in all areas <sup>b</sup>	Metropolitan Indigenous <sup>c, e</sup>	Rural/remote Indigenous <sup>c, e</sup>	All Indigenous women <sup>c, e</sup>	Metropolitan NESB <sup>d</sup>	Rural/remote NESB <sup>d</sup>	All NESB women <sup>d</sup>
1998–1999									
40–44 years	21.4	29.0	24.5	25.7	29.3	28.1	27.7	30.3	28.4
45–49 years	32.9	42.2	36.5	39.2	40.3	39.9	42.2	45.0	42.9
40–49 years	27.0	35.2	30.3	31.5	34.2	33.4	34.8	37.3	35.5
50–54 years	52.1	59.4	55.0	62.9	53.9	56.6	58.5	67.9	60.9
55–59 years	54.3	61.2	57.2	55.6	53.0	53.8	63.2	78.1	67.3
60–64 years	55.1	61.0	57.7	60.6	51.8	54.4	67.4	82.1	71.7
65–69 years	53.0	57.3	54.9	68.2	43.3	50.5	60.7	78.2	65.6
50–69 years	53.5	59.8	56.1	61.2	51.5	54.4	61.9	75.7	65.6
70–74 years	38.4	41.4	39.6	47.8	31.9	36.6	39.1	53.9	42.9
75–79 years	24.2	25.5	24.7	17.2	11.4	13.0	20.6	28.7	22.6
70–79 years	31.9	34.4	32.9	na	na	na	30.6	42.8	33.7
80–84 years	10.8	12.8	11.5	na	na	na	6.2	9.5	7.0
85+ years	3.1	3.0	3.1	na	na	na	1.7	1.1	1.6
80+ years	7.2	8.2	7.6	na	na	na	4.1	5.5	4.4

<sup>a</sup> Based on Rural, Remote and Metropolitan Areas Classification 1991 Census Edition, Department of Primary Industries and Energy and Department of Human Services and Health, November 1994.

<sup>b</sup> Based on estimated ABS *Resident Population by SLA*, cat. nos. 3217.3, 3235.3. (Average of relevant years used)

<sup>c</sup> Based on ABS *1996 Census of Population and Housing*, CDATA96.

<sup>d</sup> Based on 1996 Census of Population and Housing, Australian Bureau of Statistics, CDATA96, Estimated Resident Population by SLA, Australian Bureau of Statistics cat. nos. 3217.3, 3235.3. (Average of relevant years used)

<sup>e</sup> 75 plus years are reported in the age category 75–79 years.

na Not available.

Source: Queensland Government (unpublished).

Table 7A.6B **Participation rates of women in BreastScreen Australia, by special needs groups (per cent)<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1995-1996								
Indigenous								
Aged 40-49 years	na	na	na	na	na	na	na	na
Aged 50-69 years	na	na	na	na	na	na	na	na
Aged 70 years plus	na	na	na	na	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
NESB								
Aged 40-49 years	na	9.4	na	na	na	na	na	na
Aged 50-69 years	na	41.9	na	na	na	na	na	na
Aged 70 years plus	na	13.6	na	na	na	na	na	na
Women aged 40 to 79 years	na	26.2	na	na	na	na	na	na
Metropolitan (or Capital city)								
Aged 40-49 years	na	10.4	na	na	na	na	na	na
Aged 50-69 years	na	53.7	na	na	na	na	na	na
Aged 70 years plus	na	23.3	na	na	na	na	na	na
Women aged 40 to 79 years	na	32.1	na	na	na	na	na	na
Rural and remote (or Rest of State)								
Aged 40-49 years	na	14.1	na	na	na	na	na	na
Aged 50-69 years	na	63.9	na	na	na	na	na	na
Aged 70 years plus	na	27.7	na	na	na	na	na	na
Women aged 40 to 79 years	na	39.4	na	na	na	na	na	na
1996-1997								
Indigenous								
Aged 40-49 years	na	na	na	11.5	na	na	na	na
Aged 50-69 years	na	na	na	36.2	na	na	na	na
Aged 70 years plus	na	na	na	10.6	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
NESB								
Aged 40-49 years	na	na	na	14.0	na	na	na	na
Aged 50-69 years	na	na	na	48.6	na	na	na	na
Aged 70 years plus	na	na	na	6.3	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
Metropolitan (or Capital city)								
Aged 40-49 years	na	9.3	na	14.3	na	na	na	na
Aged 50-69 years	na	52.6	na	52.0	na	na	na	na
Aged 70 years plus	na	24.1	na	6.0	na	na	na	na
Women aged 40 to 79 years	na	31.8	na	na	na	na	na	na
Rural and remote (or Rest of State)								
Aged 40-49 years	na	12.1	na	18.8	na	na	na	na
Aged 50-69 years	na	60.9	na	73.6	na	na	na	na
Aged 70 years plus	na	28.1	na	10.5	na	na	na	na
Women aged 40 to 79 years	na	38.0	na	na	na	na	na	na
1997-1998								
Indigenous								
Aged 40-49 years	na	na	na	11.8	na	na	na	na
Aged 50-69 years	na	na	na	41.3	na	na	na	na
Aged 70 years plus	na	na	na	11.1	na	na	na	na

Table 7A.6B **Participation rates of women in BreastScreen Australia, by special needs groups (per cent)<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
<b>NESB</b>								
Aged 40-49 years	na	na	na	15.0	na	na	na	na
Aged 50-69 years	na	na	na	52.4	na	na	na	na
Aged 70 years plus	na	na	na	8.1	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
<b>Metropolitan (or Capital city)</b>								
Aged 40-49 years	na	9.8	na	15.4	na	na	na	na
Aged 50-69 years	na	54.3	na	54.1	na	na	na	na
Aged 70 years plus	na	26.5	na	7.8	na	na	na	na
Women aged 40 to 79 years	na	33.3	na	na	na	na	na	na
<b>Rural and remote (or Rest of State)</b>								
Aged 40-49 years	na	12.8	na	21.8	na	na	na	na
Aged 50-69 years	na	62.4	na	77.5	na	na	na	na
Aged 70 years plus	na	31.7	na	13.8	na	na	na	na
Women aged 40 to 79 years	na	39.7	na	na	na	na	na	na
<b>1998-1999</b>								
<b>Indigenous</b>								
Aged 40-49 years	na	na	na	13.8	na	na	na	na
Aged 50-69 years	na	na	na	43.0	na	na	na	na
Aged 70 years plus	na	na	na	12.6	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
<b>NESB</b>								
Aged 40-49 years	na	na	na	15.6	na	na	na	na
Aged 50-69 years	na	na	na	55.3	na	na	na	na
Aged 70 years plus	na	na	na	9.1	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
<b>Metropolitan (or Capital city)</b>								
Aged 40-49 years	na	na	na	16.7	na	na	na	na
Aged 50-69 years	na	na	na	57.3	na	na	na	na
Aged 70 years plus	na	na	na	9.0	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na
<b>Rural and remote (or Rest of State)</b>								
Aged 40-49 years	na	na	na	24.5	na	na	na	na
Aged 50-69 years	na	na	na	79.3	na	na	na	na
Aged 70 years plus	na	na	na	15.5	na	na	na	na
Women aged 40 to 79 years	na	na	na	na	na	na	na	na

<sup>a</sup> Participation rates are calculated over a two year period and are based on the number of women presenting for screening. The number of women may differ from a count of the number of screens because the same woman may be screened more than once.

<sup>b</sup> Excludes women less than 40 years old and greater than 79 years old. Data Source is the Annual Statistical Report for relevant year, BreastScreen Victoria, utilising Australian Bureau of Statistics, Estimated Resident Population for relevant year. Classification of Rural Remote and Metropolitan based on Department of Human Services and Health, Rural Remote Metropolitan Area Classification 1994.

na not available.

Source: Jurisdictions

**Table 7A.7 Rate of small diameter invasive cancers detected, per 10 000 women, by age, all rounds of screening<sup>a</sup>**

	<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									
40–49 years	na	56.0	5.3	5.6	4.5	14.0	–	na	na
<b>50–69 years</b>	<b>15.7</b>	<b>11.2</b>	<b>14.5</b>	<b>13.3</b>	<b>17.3</b>	<b>11.8</b>	<b>4.8</b>	<b>na</b>	<b>na</b>
70–84 years	na	na	na	17.3	22.8	12.6	–	na	na
85 + years	na	na	–	–	–	–	–	na	na
50–59 years	na	10.7	11.1	na	13.6	6.3	7.4	na	na
60–69 years	na	19.6	19.4	na	22.0	19.4	–	na	na
70–79 years	na	21.5	23.7	na	24.1	–	–	na	na
80 + years	na	30.2	15.1	na	–	158.7	–	na	na
All ages	14.8	14.7	12.8	11.9	15.3	12.5	3.1	na	na
1997									
40–49 years	4.9	5.9	3.4	9.6	3.7	2.3	3.2	8.6	4.9
50–54 years	8.9	11.2	11.2	6.5	17.2	2.7	3.6	17.2	10.2
55–59 years	15.5	13.7	11.8	10.5	15.9	–	24.3	38.0	13.9
60–64 years	19.6	14.5	16.7	17.0	11.3	7.2	–	25.3	16.2
65–69 years	19.4	23.3	16.0	21.1	22.6	4.0	24.8	–	19.9
70+ years	23.5	33.6	31.1	34.1	42.8	10.6	17.1	87.7	28.3
All ages <sup>b</sup>	14.1	16.4	13.3	13.3	16.3	3.4	9.8	20.7	14.2
<b>50–69 years<sup>b</sup></b>	<b>15.2</b>	<b>14.9</b>	<b>13.5</b>	<b>12.6</b>	<b>16.6</b>	<b>3.2</b>	<b>12.0</b>	<b>23.2</b>	<b>14.4</b>
1998									
40–44 years	2.0	1.5	4.2	–	2.9	–	10.5	–	2.5
45–49 years	5.3	10.3	6.6	5.5	5.6	5.8	–	14.3	6.0
50–54 years	8.9	13.2	10.1	7.8	11.1	19.9	16.8	8.3	10.8
55–59 years	14.0	15.2	10.7	18.2	14.3	10.8	24.0	15.9	14.1
60–64 years	13.5	24.2	20.4	17.4	19.7	26.0	18.4	59.0	18.6
65–69 years	23.8	22.2	16.3	30.3	15.9	27.3	19.1	–	21.7
70–74 years	21.3	28.3	35.8	20.9	30.1	–	–	–	25.9
75–79 years	32.4	28.7	34.4	21.2	25.0	94.6	–	344.8	32.8
80–84 years	12.2	64.7	24.5	–	129.4	–	–	–	26.8
85+ years	14.0	–	101.3	–	–	666.7	–	–	43.1
All ages <sup>c</sup>	13.2	17.2	14.1	14.5	15.2	18.5	13.8	25.6	14.8
<b>50–69 years<sup>c</sup></b>	<b>14.1</b>	<b>17.9</b>	<b>13.6</b>	<b>17.0</b>	<b>14.8</b>	<b>20.3</b>	<b>19.5</b>	<b>19.9</b>	<b>15.5</b>
1999									
40–49 years	na	na	7.2	5.0	–	2.3	–	na	na
<b>50–69 years</b>	<b>na</b>	<b>na</b>	<b>16.5</b>	<b>20.8</b>	<b>17.2</b>	<b>14.3</b>	<b>20.6</b>	<b>na</b>	<b>na</b>
70–84 years	na	na	na	40.3	17.5	10.2	na	na	na
85 + years	na	na	21.3	–	–	–	–	na	na
50–59 years	na	na	13.1	na	13.6	14.9	–	na	na
60–69 years	na	na	21.6	na	22.0	13.4	na	na	na
70–79 years	na	na	26.6	na	16.2	10.9	–	na	na

**Table 7A.7 Rate of small diameter invasive cancers detected, per 10 000 women, by age, all rounds of screening<sup>a</sup>**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
80 + years	na	na	39.8	na	33.8	–	58.5	na	na
All ages	na	na	15.8	18.6	14.4	11.4	17.1	na	na

<sup>a</sup> Small diameter cancers are defined as invasive cancers up to 10mm in diameter.

<sup>b</sup> Rates are age standardised to the Australian 1991 population standard and are expressed per 10 000 women screened.

<sup>c</sup> Rates are expressed per 10 000 women screened and standardised to the Australian population of women attending a BreastScreen service in 1998.

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

*Sources:* Jurisdiction 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).

Table 7A.8 **Numbers of detected invasive cancers, by size and grade (all ages)<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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	0	–	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 grade unknown or	34	59	39	159	25	8	6	na
All grades								
10mm or less	230	223	120	124	74	22	3	na
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
<b>Total</b>	<b>631</b>	<b>719</b>	<b>365</b>	<b>345</b>	<b>197</b>	<b>53</b>	<b>32</b>	<b>na</b>
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

Table 7A.8 **Numbers of detected invasive cancers, by size and grade (all ages)<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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	0	–	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
Unknown size	1	11	6	3	1	–	–	na
All grade unknown or	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
<b>Total</b>	<b>649</b>	<b>681</b>	<b>499</b>	<b>402</b>	<b>253</b>	<b>46</b>	<b>47</b>	<b>na</b>
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	0	–	–	–	–	na

Table 7A.8 **Numbers of detected invasive cancers, by size and grade (all ages)<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
All grade 3 cancers	120	112	122	32	38	12	5	na
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 grade unknown or	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
<b>Total</b>	<b>660</b>	<b>754</b>	<b>602</b>	<b>432</b>	<b>269</b>	<b>81</b>	<b>38</b>	<b>na</b>
1999								
Grade 1								
10mm or less	na	na	107	58	59	6	11	na
11mm to 15mm	na	na	68	42	38	7	6	na
> 15mm	na	na	57	20	29	7	6	na
Unknown size	na	na	0	1	–	–	–	na
All grade 1 cancers	na	na	232	121	126	20	23	na
Grade 2								
10mm or less	na	na	71	42	21	11	3	na
11mm to 15mm	na	na	86	35	34	10	4	na
> 15mm	na	na	103	59	41	14	12	na
Unknown size	na	na	0	–	1	–	–	na
All grade 2 cancers	na	na	260	136	97	35	19	na
Grade 3								
10mm or less	na	na	41	17	7	1	6	na
11mm to 15mm	na	na	34	12	13	5	2	na
> 15mm	na	na	79	26	10	4	3	na
Unknown size	na	na	3	–	–	1	–	na
All grade 3 cancers	na	na	157	55	30	11	11	na
Grade unknown or undifferentiated								
10mm or less	na	na	24	77	5	4	1	na
11mm to 15mm	na	na	15	71	–	–	1	na
> 15mm	na	na	21	83	4	–	1	na
Unknown size	na	na	3	2	6	–	–	na
All grade unknown or	na	na	63	233	15	4	3	na
All grades								
10mm or less	na	na	243	194	92	22	21	na



Table 7A.8 **Numbers of detected invasive cancers, by size and grade (all ages)<sup>a</sup>**

	<i>NSW</i>	<i>Vic</i> <sup>b</sup>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
11mm to 15mm	na	na	203	160	85	22	13	na
> 15mm	na	na	260	188	84	25	22	na
Unknown size	na	na	6	3	7	1	–	na
<b>Total</b>	<b>na</b>	<b>na</b>	<b>712</b>	<b>545</b>	<b>268</b>	<b>70</b>	<b>56</b>	<b>na</b>

<sup>a</sup> Non-breast malignancies not counted.

<sup>b</sup> Data sourced from the relevant Annual Statistical Report of BreastScreen Victoria. Excludes women aged less than 40 years old.

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

Source: Jurisdictions

**Table 7A.9 Interval cancer rate for women by age, per 10 000 women screened, following attendance during 1996 and 1997<sup>a, b</sup>**

	<i>NSW</i>	<i>Vic<sup>c</sup></i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1996 <sup>d, e</sup>								
First screening round								
0–12 months following a 1996 screening episode								
Asymptomatic								
40–49 years	na	5.2	8.9	5.3	5.6	–	9.6	–
50–59 years	na	5.9	1.8	7.0	8.7	5.8	–	–
60–69 years	na	4.8	3.2	2.3	3.5	–	30.9	–
70 + years	na	3.9	3.1	–	–	–	–	–
All ages	na	5.2	3.8	4.4	5.5	2.3	10.6	–
50–69 years	na	5.5	2.4	5.0	6.5	3.4	12.8	–
Symptomatic <sup>f</sup>								
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	na	2.7	3.1	10.4	4.3	3.5	–	–
50–59 years	na	8.4	4.9	4.4	5.7	4.6	8.4	–
60–69 years	na	6.1	5.5	7.1	8.4	5.8	7.1	–
70 + years	na	2.6	7.8	–	–	–	–	–
All ages	na	5.9	5.1	5.8	5.5	4.1	5.3	–
50–69 years	na	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	–	–	33.9	–	–
1997								
0–12 months following a 1997 screening episode								
Asymptomatic								
40–49 years	na	na	na	5.7	10.6	na	na	na
50–99 years	na	na	na	7.6	7.2	na	na	na
70 + years	na	na	na	5.9	3.2	na	na	na
Total	na	na	na	7.1	7.5	na	na	na
Symptomatic								

**Table 7A.9 Interval cancer rate for women by age, per 10 000 women screened, following attendance during 1996 and 1997<sup>a, b</sup>**

	NSW	Vic <sup>c</sup>	Qld	WA	SA	Tas	ACT	NT
40–49 years	na	na	na	232.6	37.5	na	na	na
50–69 years	na	na	na	274.0	27.1	na	na	na
70 + years	na	na	na	–	–	na	na	na
Total	na	na	na	242.2	29.2	na	na	na
Asymptomatic and symptomatic								
40–49 years	9.6	na	na	238.3	12.4	na	na	na
50–69 years	6.9	na	na	281.6	7.8	na	na	na
70 + years	5.3	na	na	5.9	3.1	na	na	na
Total	7.6	na	na	249.3	8.2	na	na	na
13–24 months following a 1997 screening episode								
Asymptomatic								
40–49 years	na	na	na	10.2	16.1	na	na	na
50–69 years	na	na	na	8.5	10.5	na	na	na
70 + years	na	na	na	–	3.4	na	na	na
Total	na	na	na	8.4	10.9	na	na	na
Symptomatic								
40–49 years	na	na	na	–	20.2	na	na	na
50–69 years	na	na	na	–	9.3	na	na	na
70 + years	na	na	na	–	–	na	na	na
Total	na	na	na	–	12.2	na	na	na
Asymptomatic and symptomatic								
40–49 years	na	na	na	10.2	16.3	na	na	na
50–69 years	na	na	na	8.5	10.5	na	na	na
70 + years	na	na	na	–	6.6	na	na	na
Total	na	na	na	8.4	10.9	na	na	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.

**c** Data sourced from relevant year of Annual Statistical Report, BreastScreen Victoria.

**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.

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

Sources: 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.10 **Ratio of benign to malignant biopsies by age 1996–1999**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i> <sup>a</sup>	<i>ACT</i>	<i>NT</i>
1996								
First round attendance								
40–49 years	na	na	1.50	1.20	0.50	1.20	na	na
50–69 years	na	na	0.50	0.50	0.50	0.60	na	na
70 + years	na	na	0.30	0.20	0.10	0.80	na	na
All ages	na	na	0.60	0.60	0.40	0.70	0.40	1.50
Subsequent round attendance								
40–49 years	na	na	1.40	1.30	0.56	0.50	na	na
50–69 years	na	na	0.58	0.20	0.22	0.40	na	na
70 + years	na	na	0.26	0.40	0.13	–	na	na
All ages	na	na	0.65	0.30	0.20	0.50	0.50	na
All rounds of attendance <sup>b</sup>								
40–49 years	na	na	1.44	1.20	0.16	0.90	na	na
50–69 years	na	na	0.55	0.30	0.32	0.50	na	na
70 + years	na	na	0.26	0.20	0.09	0.60	na	na
All ages	na	na	0.64	0.40	0.30	0.60	0.44	na

Table 7A.10 **Ratio of benign to malignant biopsies by age 1996–1999**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i> <sup>a</sup>	<i>ACT</i>	<i>NT</i>
1997								
First round attendance								
40–49 years	na	na	1.10	1.00	0.53	0.70	na	na
50–69 years	na	na	0.39	0.50	0.42	0.40	na	na
70 + years	na	na	0.27	0.30	0.17	0.40	na	na
All ages	na	na	0.48	0.60	0.40	0.50	0.60	0.83
Subsequent round attendance								
40–49 years	na	na	1.12	0.60	0.27	1.00	na	na
50–69 years	na	na	0.43	0.30	0.23	0.40	na	na
70 + years	na	na	0.24	0.20	0.13	0.20	na	na
All ages	na	na	0.46	0.30	0.20	0.50	2.50	2.00
All rounds of attendance <sup>b</sup>								
40–49 years	na	na	1.11	0.90	0.41	0.90	na	na
50–69 years	na	na	0.41	0.40	0.28	0.40	na	na
70 + years	na	na	0.25	0.20	0.15	0.30	na	na
All ages	na	na	0.47	0.40	0.30	0.50	1.40	1.13

Table 7A.10 **Ratio of benign to malignant biopsies by age 1996–1999**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas<sup>a</sup></i>	<i>ACT</i>	<i>NT</i>
1998								
First round attendance								
40–49 years	na	na	1.06	0.10	1.57	1.00	na	na
50–69 years	na	na	0.58	0.70	0.62	0.80	na	na
70 + years	na	na	0.21	1.00	0.06	0.30	na	na
All ages	na	na	0.60	0.80	0.60	0.80	3.50	0.50
Subsequent round attendance								
40–49 years	na	na	0.85	1.20	0.43	1.20	na	na
50–69 years	na	na	0.37	0.30	0.25	0.30	na	na
70 + years	na	na	0.28	0.04	0.17	0.20	na	na
All ages	na	na	0.41	0.30	0.30	0.40	1.00	0.80
All rounds of attendance <sup>b</sup>								
40–49 years	na	na	0.98	0.60	0.89	1.10	na	na
50–69 years	na	na	0.47	0.40	0.33	0.60	na	na
70 + years	na	na	0.25	0.20	0.13	0.20	na	na
All ages	na	na	0.50	0.50	0.40	0.60	1.80	0.67

Table 7A.10 **Ratio of benign to malignant biopsies by age 1996–1999**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i> <sup>a</sup>	<i>ACT</i>	<i>NT</i>
1999								
First round attendance								
40–49 years	na	na	0.88	0.80	0.50	1.40	na	na
50–69 years	na	na	0.29	0.40	0.50	0.80	na	na
70 + years	na	na	0.11	0.10	0.08	0.00	na	na
All ages	na	na	0.38	0.40	0.40	0.70	0.50	na
Subsequent round attendance								
40–49 years	na	na	0.76	0.30	0.29	1.00	na	na
50–69 years	na	na	0.29	0.20	0.21	0.20	na	na
70 + years	na	na	0.14	0.09	0.29	0.60	na	na
All ages	na	na	0.31	0.20	0.20	0.30	1.20	na
All rounds of attendance <sup>b</sup>								
40–49 years	na	na	0.82	0.50	0.39	1.20	na	na
50–69 years	na	na	0.29	0.20	0.28	0.30	na	na
70 + years	na	na	0.13	0.10	0.22	0.30	na	na
All ages	na	na	0.33	0.20	0.30	0.40	1.00	na

<sup>a</sup> Data includes diagnosed premalignant lesions.

<sup>b</sup> Includes both first and subsequent rounds of attendance.

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

Source: Jurisdictions.

Table 7A.11 Cost of screening and the cost per woman screened<sup>a, b</sup>

	<i>Unit</i>	<i>NSW<sup>c</sup></i>	<i>Vic</i>	<i>Qld</i>	<i>WA<sup>d</sup></i>	<i>SA<sup>e</sup></i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1997-98									
Costs									
Labour	\$'000	na	na	na	3 017	na	na	na	na
Materials and supplies	\$'000	na	na	na	1 090	na	na	na	na
Accommodation	\$'000	na	na	na	279	na	na	na	na
Other recurrent	\$'000	na	na	na	1 605	na	na	na	na
Depreciation and amortization	\$'000	na	na	na	380	na	na	na	na
<b>Total cost</b>	<b>\$'000</b>	<b>na</b>	<b>na</b>	<b>13 820</b>	<b>6 371</b>	<b>na</b>	<b>2 407</b>	<b>na</b>	<b>na</b>
Women screened	no.	na	na	136 675	61 551	na	20 287	na	na
Cost per woman screened	\$	na	na	101	104	na	119	116	na
1998-99									
Costs									
Labour	\$'000	na	na	9 214	2 595	na	na	na	na
Materials and supplies	\$'000	na	na	2 085	600	na	na	na	na
Accommodation	\$'000	na	na	347	267	na	na	na	na
Other recurrent	\$'000	na	na	2 993	2 678	na	na	na	na
Depreciation and amortization	\$'000	na	na	na	396	na	na	na	na
<b>Total cost</b>	<b>\$'000</b>	<b>na</b>	<b>na</b>	<b>14 639</b>	<b>6 536</b>	<b>na</b>	<b>2 373</b>	<b>na</b>	<b>na</b>
Number of women screened	no.	na	na	149 088	58 810	na	19 847	na	na
Cost per woman screened	\$	91	na	98	111	99	120	na	na



Table 7A.11 Cost of screening and the cost per woman screened<sup>a, b</sup>

	<i>Unit</i>	<i>NSW<sup>c</sup></i>	<i>Vic</i>	<i>Qld</i>	<i>WA<sup>d</sup></i>	<i>SA<sup>e</sup></i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1999-2000									
Costs									
Labour	\$'000	na	na	9 450	3 413	na	na	na	na
Materials and supplies	\$'000	na	na	2 228	821	na	na	na	na
Accommodation	\$'000	na	na	413	247	na	na	na	na
Other recurrent	\$'000	na	na	3 937	3 193	na	na	na	na
Depreciation and amortization	\$'000	na	na	na	269	na	na	na	na
<b>Total cost</b>	<b>\$'000</b>	<b>25 869</b>	<b>na</b>	<b>16 028</b>	<b>7 944</b>	<b>na</b>	<b>2 442</b>	<b>na</b>	<b>na</b>
Number of women screened	no.	280 829	na	160 500	63 660	na	20 518	na	na
Cost per woman screened	\$	92	na	100	125	104	119	na	na

<sup>a</sup> 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.

<sup>b</sup> Data are for calendar years except WA and SA which are for financial years.

<sup>c</sup> NSW cost for 1998-99 includes capital expenditure. Without capital expenditure, it was \$87.40 per woman screened.

<sup>d</sup> Other recurrent' includes capital replacement costs.

<sup>e</sup> The data for SA are calculated on an accrual basis and not on a cash basis.

na Not available.

Source: Jurisdictions.

Table 7A.12 Ratio of conservative to radical surgery, all cancers, 1996–1999<sup>a</sup>

	NSW	Vic <sup>b</sup>	Qld <sup>c</sup>	WA <sup>d</sup>	SA	Tas	ACT	NT
1996								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	na	35	20	9	4	–	na
>10mm to 15mm	na	na	46	13	10	3	2	na
Over 15mm	na	na	70	29	29	7	9	na
Unknown size (invasive)	na	241	4	2	1	1	1	na
DCIS	na	40	23	21	22	3	1	na
Unknown type	na	–	–	–	–	–	–	na
<b>Total</b>	<b>na</b>	<b>281</b>	<b>178</b>	<b>85</b>	<b>71</b>	<b>18</b>	<b>13</b>	<b>na</b>
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	na	85	50	65	17	3	na
>10mm to 15mm	na	na	71	38	39	8	7	na
Over 15mm	na	na	50	32	40	12	7	na
Unknown size (invasive)	na	450	4	3	2	–	–	na
DCIS	na	93	42	34	47	17	13	na
Unknown type	na	2	–	–	2	–	–	na
<b>Total</b>	<b>na</b>	<b>545</b>	<b>252</b>	<b>157</b>	<b>195</b>	<b>54</b>	<b>27</b>	<b>na</b>
Ratio of breast conserving surgery to mastectomy	na	1.94	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	0	1	–	–	–	na
DCIS	na	29	24	12	20	2	5	na
Unknown type	na	–	–	–	–	–	–	na
<b>Total</b>	<b>na</b>	<b>204</b>	<b>215</b>	<b>88</b>	<b>87</b>	<b>6</b>	<b>26</b>	<b>na</b>
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	47	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
<b>Total</b>	<b>na</b>	<b>603</b>	<b>361</b>	<b>176</b>	<b>230</b>	<b>64</b>	<b>30</b>	<b>na</b>
Ratio of breast conserving surgery to mastectomy	na	2.96	1.68	2.00	2.64	10.67	1.15	na

Table 7A.12 Ratio of conservative to radical surgery, all cancers, 1996–1999<sup>a</sup>

	NSW	Vic <sup>b</sup>	Qld <sup>c</sup>	WA <sup>d</sup>	SA	Tas	ACT	NT
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
Over 15mm	na	105	125	35	37	3	9	na
Unknown size (invasive)	na	5	2	2	3	–	2	na
DCIS	na	29	40	33	24	1	3	na
Unknown type	na	–	–	–	–	–	–	na
<b>Total</b>	<b>na</b>	<b>230</b>	<b>276</b>	<b>104</b>	<b>89</b>	<b>9</b>	<b>24</b>	<b>na</b>
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	3	–	2	–	na
DCIS	na	136	89	34	47	20	5	na
Unknown type	na	–	–	–	3	–	–	na
<b>Total</b>	<b>na</b>	<b>690</b>	<b>455</b>	<b>200</b>	<b>250</b>	<b>97</b>	<b>22</b>	<b>na</b>
Ratio of breast conserving surgery to mastectomy	na	3.00	1.65	1.92	2.80	10.78	0.92	na
1999								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	na	55	21	13	5	8	na
>10mm to 15mm	na	na	60	20	17	5	3	na
Over 15mm	na	na	131	53	30	9	14	na
Unknown size (invasive)	na	na	1	–	1	–	–	na
DCIS	na	na	40	24	24	3	6	na
Unknown type	na	–	–	–	–	–	–	na
<b>Total</b>	<b>na</b>	<b>na</b>	<b>287</b>	<b>118</b>	<b>85</b>	<b>22</b>	<b>31</b>	<b>na</b>
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	na	188	90	80	17	13	na
>10mm to 15mm	na	na	143	67	69	17	10	na
Over 15mm	na	na	129	45	55	16	8	na
Unknown size (invasive)	na	na	5	2	6	1	–	na
DCIS	na	na	99	41	42	24	11	na
Unknown type	na	–	–	–	–	–	–	na
<b>Total</b>	<b>na</b>	<b>na</b>	<b>564</b>	<b>245</b>	<b>252</b>	<b>75</b>	<b>42</b>	<b>na</b>
Ratio of breast conserving surgery to mastectomy	na	na	1.97	2.08	2.96	3.41	1.35	na

<sup>a</sup> Rates are age standardised to the Australian 1991 population standard and are expressed per 100 000 women.

<sup>b</sup> Data sourced from the relevant Annual Statistical Report, BreastScreen Victoria. Data was not available by requested size categories for invasive cancer for 1996. Data for all years excludes women aged less than 40 years old. 1996 data exclude 38 women with unknown treatment, similarly, seven women in 1997 and two in 1998.

Table 7A.12 **Ratio of conservative to radical surgery, all cancers, 1996–1999<sup>a</sup>**

	<i>NSW</i>	<i>Vic<sup>b</sup></i>	<i>Qld<sup>c</sup></i>	<i>WA<sup>d</sup></i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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**c** Rate applies for women of all ages.

**d** 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. **na** Not available.

Source: Jurisdictions.

Table 7A.13 Selected breast cancer related DRGs by jurisdiction, 1998-99<sup>a, b</sup>

<i>DRG description/indicator</i>	<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>
J06A Major procedures for Malignant breast conditions										
Average total cost	\$	3 672	3 963	3 352	4 555	4 372	na	na	na	3 826
Average stay	days	4.83	5.43	4.25	3.89	4.32	na	na	na	4.77
Separations	no.	1 909	1 347	882	365	275	na	na	na	4 987
J07A Minor procedures for Malignant breast conditions										
Average total cost	\$	1 823	1 823	1 985	2 646	2 775	na	na	na	2 080
Average stay	days	1.91	2.09	1.68	1.80	2.27	na	na	na	1.91
Separations	no.	1 099	564	766	383	321	na	na	na	3 310
J10Z Skin, subcutaneous tissue and plastic breast procedures										
Average total cost	\$	1 617	1 968	1 413	1 600	2 492	na	na	na	1 771
Average stay	days	1.48	1.77	1.31	1.43	2.23	na	na	na	1.58
Separations	no.	1 859	1 124	1 190	422	599	na	na	na	5 408
J11Z Other skin, subcutaneous tissue and breast procedures										
Average total cost	\$	1 310	1 483	1 259	1 161	1 050	na	na	na	1 326
Average stay	days	1.38	1.41	1.22	1.44	1.22	na	na	na	1.33
Separations	no.	10 356	5 840	9 121	2 593	3 899	na	na	na	33 318
J62A Malignant disorders age>69 with complications and comorbidities										
Average total cost	\$	7 027	4 447	3 495	7 084	5 340	na	na	na	5 682
Average stay	days	16.59	7.79	6.52	11.45	13.38	na	na	na	12.05
Separations	no.	126	99	36	20	53	na	na	na	345
J62B Malignant disorders age<70 with complications and comorbidities, or age >69 without complications and comorbidities										
Average total cost	\$	3 701	1 795	2 608	2 283	2 248	na	na	na	2 510
Average stay	days	5.19	2.63	3.38	3.18	3.79	na	na	na	3.55
Separations	no.	312	315	333	89	143	na	na	na	1 311
J62C Malignant disorders age<70 without complications and comorbidities										
Average total cost	\$	978	771	1 036	553	1 242	na	na	na	858

Table 7A.13 Selected breast cancer related DRGs by jurisdiction, 1998-99<sup>a, b</sup>

<i>DRG description/indicator</i>	<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>
Average stay	days	1.37	1.38	1.37	1.00	2.27	na	na	na	1.40
Separations	no.	104	229	81	160	98	na	na	na	729
R63Z Chemotherapy										
Average total cost	\$	619	598	687	395	603	na	na	na	606
Average stay	days	1.01	1.04	1.00	1.00	1.01	na	na	na	1.01
Separations	no.	32 272	27 764	23 300	16 951	10 874	na	na	na	119 616

<sup>a</sup> Costs based on Final Round estimates of the 1998-99 collection using AR-DRG (Australian Revised Diagnostic Related Group) version 4.1.

<sup>b</sup> Data for Tasmania, the ACT and the NT was not available because of the small number of hospitals in those jurisdictions.

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

Table 7A.14 Mortality rates from breast cancer for women, by age, 1995–1998<sup>a</sup>

	<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>
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

<sup>a</sup> 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.

Source: 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).

## 7A.2 Mental health

Table 7A.15 **Prevalence of mental disorders among adults aged 18 years and over, 1997<sup>a, b</sup>**

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

<sup>a</sup> Any occurrence of the disorder during the 12 months prior to the survey.

<sup>b</sup> 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.16 **Services used for mental health problems, Australia, 1997, (per cent)<sup>a</sup>**

	<i>Total mental disorders</i>
GP	29.4
Psychiatrist	7.5
Psychologist	6.5
Other mental health professional <sup>b</sup>	9.8
Other health professional <sup>c</sup>	9.9
<b>Total who used health services<sup>d</sup></b>	<b>38.0</b>

<sup>a</sup> During the 12 months prior to interview.

<sup>b</sup> Other mental health professional includes social worker, welfare officer, drug and alcohol counsellor, other counsellor and mental health team.

<sup>c</sup> Other health professional includes medical specialist, nurse, chemist, ambulance officer and other health professional.

<sup>d</sup> 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.17 **Estimated Commonwealth expenditure on mental health services (\$'000)**

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
<b>Direct mental health expenditure</b>						
National mental health strategy	3 610.0	17 629.0	36 160.0	64 289.2	52 105.1	63 946.6
Research	6 530.0	7 500.0	10 682.9	11 880.0	12 132.1	12 342.2
MBS- consultant psychiatrist services	169 530.4	183 412.0	189 810.3	197 546.3	193 009.8	190 529.9
Pharmaceutical Benefits Schedule-psychiatric drugs	62 945.1	90 529.4	131 874.0	190 212.5	190 148.7	226 861.4
General practitioners	121 759.5	129 575.7	134 007.4	141 179.5	142 722.5	144 436.0
CW Rehabilitation Services Psychiatric teams	3 883.0	5 200.0	5 300.0	5 500.0	5 616.7	5 714.0
Department of Veterans' Affairs	53 649.9	51 987.8	63 223.9	66 462.5	71 005.5	71 455.7
<b>Total direct mental health</b>	<b>421 907.8</b>	<b>485 833.8</b>	<b>571 058.6</b>	<b>677 069.9</b>	<b>666 740.5</b>	<b>715 285.7</b>
<b>Project-type expenditure</b>						
Community Organisations Support Program			470.0	89.6	90.0	
Division of General Practice and Project Grants Mental health specific	1 500.0	1 300.0	1 750.0	2 432.8	2 484.4	2 527.5
Rural Health Support, education and training grants, mental health specific	2 268.9	295.4	290.1	74.2		
Health Communication Network-telepsychiatry	250.0	250.0				
<b>Total project-type</b>	<b>4 018.9</b>	<b>1 845.4</b>	<b>2 510.1</b>	<b>2 596.6</b>	<b>2 574.4</b>	<b>2 527.5</b>
<b>Total</b>	<b>425 926.7</b>	<b>487 679.2</b>	<b>573 568.7</b>	<b>679 666.6</b>	<b>669 314.9</b>	<b>717 813.2</b>

<sup>a</sup> Accurate data for 1997-98 could not be provided by the relevant department. Reported data are estimates based on earlier years' expenditure.

<sup>b</sup> Expenditure that can be directly linked to specialised mental health service provision but not counted in the table includes nursing home and hostel subsidies provided to psychogeriatric nursing homes managed by States and Territories; all administrative overheads and grants provided to States and Territories under the Medicare Agreements used to fund specialist psychiatric units in general hospitals.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

**Table 7A.18 Real Commonwealth expenditure per person on mental health services (1997-98 dollars)**

	<i>Dollars per person</i>
1992-93	26.4
1993-94	29.7
1994-95	34.2
1995-96	38.8
1996-97	37.1
1997-98	38.6

Sources: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra; ABS (various), *Australian Demographic Statistics*, cat. no. 3101.0, AusInfo, Canberra.

Table 7A.19 Recurrent expenditure on specialised mental health services, 1997-98

	<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>
Recurrent expenditure (\$'000)									
Psychiatric hospital	141 552	48 799	86 775	49 236	56 761	12 189	..	..	395 310
Public acute hospital	116 645	86 769	59 493	42 892	18 202	8 739	7 071	6 800	345 972
<i>Total inpatient expenditure</i>	<i>258 197</i>	<i>135 568</i>	<i>146 267</i>	<i>92 128</i>	<i>75 963</i>	<i>20 927</i>	<i>7 071</i>	<i>6 800</i>	<i>741 283</i>
Community residential	17 543	55 934	..	2 445	400	4 638	3 989	..	84 949
Ambulatory	154 364	133 602	69 629	52 905	42 358	10 323	6 565	5 718	476 794
Non-government organisation	7 317	34 660	11 899	8 798	2 438	1 289	1 106	711	68 218
Indirect	17 418	20 107	8 812	7 856	5 005	314	1 311	559	61 332
<b>Total expenditure</b>	<b>454 839</b>	<b>379 870</b>	<b>236 607</b>	<b>164 131</b>	<b>125 164</b>	<b>37 491</b>	<b>20 041</b>	<b>13 788</b>	<b>1 432 575</b>
Per cent									
Public psychiatric hospital	31.1	12.8	36.7	30.0	45.3	32.5	..	..	27.6
Public acute hospital	25.6	22.8	25.1	26.1	14.5	23.3	35.3	49.3	24.2
<i>Total inpatient expenditure</i>	<i>56.8</i>	<i>35.7</i>	<i>61.8</i>	<i>56.1</i>	<i>59.9</i>	<i>55.8</i>	<i>35.3</i>	<i>49.3</i>	<i>51.7</i>
Community residential	3.9	14.7	..	1.5	0.3	12.4	19.9	..	5.9
Ambulatory	33.9	35.2	29.4	32.2	33.8	27.5	32.8	41.5	33.3
Non-government organisation	1.6	9.1	5.0	5.4	1.9	3.4	5.5	5.2	4.8
Indirect	3.8	5.3	3.7	4.8	4.0	0.8	6.5	4.1	4.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

– Nil or rounded to zero.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

Table 7A.20 **Gross recurrent expenditure by the States and Territories (1998 dollars)<sup>a</sup>**

	<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>
Real recurrent expenditure (\$'000)									
1992-93	368 863	344 240	164 775	108 319	100 402	31 578	16 335	9 558	1 144 070
1993-94	366 970	324 633	166 533	112 767	102 517	33 225	16 008	10 140	1 132 792
1994-95	378 338	338 656	173 926	114 697	101 335	33 948	16 797	10 001	1 167 698
1995-96	389 541	349 036	188 154	123 450	99 568	36 423	17 834	11 263	1 215 268
1996-97	416 583	357 030	212 749	141 843	110 738	36 809	19 801	12 156	1 307 707
1997-98	430 238	357 001	226 230	162 751	119 785	36 799	18 974	13 229	1 365 006
Real expenditure per person									
1992-93	61.6	77.1	53.7	65.0	68.8	67.0	55.1	56.3	65.1
1993-94	60.8	72.5	52.9	66.8	70.0	70.3	53.4	58.8	63.8
1994-95	62.1	75.3	54.0	66.8	69.1	71.7	55.5	57.1	65.0
1995-96	63.1	76.9	57.0	70.6	67.7	76.8	58.3	62.4	66.8
1996-97	66.7	77.9	63.1	79.6	75.0	77.6	64.1	65.9	71.0
1997-98	68.3	77.1	66.1	89.8	80.8	77.9	61.8	70.3	73.3

<sup>a</sup> Expenditure adjusted for non-State funds.

Sources: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra; ABS (various), *Australian Demographic Statistics*, cat. no. 3101.0, AusInfo, Canberra.

**Table 7A.21 Number of public psychiatric hospitals and public acute hospitals with specialised psychiatric units or wards and available beds, 1997-98**

	NSW	Vic	Qld <sup>d</sup>	WA	SA	Tas	ACT	NT	Aust
Psychiatric hospitals									
Number of hospitals	9	1	4	5	1	1	–	–	24
Available beds <sup>a</sup>	1 208	53	911	436	504	na	–	–	3 112
Public acute hospitals with specialised psychiatric units or wards									
Number of hospitals <sup>b</sup>	28	34 <sup>c</sup>	15	13	8	3	2	2	104

<sup>a</sup> Average available beds where possible, otherwise available beds at 30 June.

<sup>b</sup> Excludes drug and alcohol hospitals.

<sup>c</sup> Data may be a slight underestimate as some small networks reported at network rather than campus level. Consequently, if two campuses within the network had a specialised type of service, it was counted as one.

<sup>d</sup> Data are not consistent with AIHW publication - data revisions requested by Queensland.

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

Source: AIHW 2000d, *Institutional Mental Health Services in Australia 1997-98: First Report on the National Minimum Data Set - Institutional Mental Health Care*, Canberra: AIHW (Mental Health Series no. 1).

Table 7A.22 Available mental health beds<sup>a</sup>

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Psychiatric hospitals (no.)									
1993	1 839	1 565	1 059	509	665	165	–	–	5 802
1994	1 652	1 375	1 044	510	596	171	–	–	5 348
1995	1 446	1 180	965	422	503	157	–	–	4 673
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
Public acute hospitals (no.)									
1993	813	322	548	219	114	80	52	41	2 189
1994	832	333	556	216	148	80	52	41	2 258
1995	852	353	560	300	168	83	52	38	2 406
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
Community residential beds (no.)									
1993	283	295	–	84	32	70	60	–	824
1994	268	308	–	60	28	68	60	–	792
1995	333	426	–	60	28	68	60	–	975
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
Psychiatric and public acute hospital beds per 100 000 persons									
1993	44.3	42.3	52.4	43.7	53.4	52.0	17.6	24.2	45.5
1994	41.2	38.1	50.8	43.0	50.8	53.1	17.3	23.8	42.8
1995	37.7	34.1	47.3	42.1	45.7	50.7	17.2	21.7	39.4
1996	34.9	26.5	45.0	41.3	45.0	49.8	17.0	18.8	36.0
1997	33.9	24.5	42.5	41.6	45.7	42.4	16.8	16.8	34.6
1998	33.8	23.7	40.1	40.1	44.7	42.5	16.9	15.4	33.7
Community residential beds per 100 000 persons									
1993	4.7	6.6	–	5.0	2.2	14.9	20.3	–	4.7
1994	4.4	6.9	–	3.6	1.9	14.4	20.0	–	4.5
1995	5.5	9.5	–	3.5	1.9	14.4	19.8	–	5.4
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

<sup>a</sup> At June.

– Nil or rounded to zero

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

**Table 7A.23 Number of full time equivalent staff employed in specialist mental health services, by service setting<sup>a, b, c, d</sup>**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<b>Inpatient services</b>									
1993-94	3 882	3 519	2 305	1 668	1 640	408	113	84	13 618
1994-95	3 556	3 014	2 467	1 620	1 268	396	84	84	12 488
1995-96	3 520	2 232	2 371	1 565	1 282	417	99	78	11 566
1996-97	3 472	2 006	2 410	1 557	1 234	350	90	84	11 202
1997-98	3 495	1 714	2 442	1 583	1 155	342	98	80	10 909
<b>Ambulatory mental health services</b>									
1993-94	1 210	1 418	532	361	407	128	78	54	4 188
1994-95	1 533	1 593	627	440	531	142	85	56	5 007
1995-96	1 866	1 644	798	596	551	145	97	74	5 771
1996-97	2 056	1 912	889	722	584	135	88	70	6 456
1997-98	2 203	1 845	964	760	623	138	107	80	6 719
<b>Community/residential services</b>									
1993-94	239	294	–	38	16	72	61	–	720
1994-95	313	423	–	34	22	89	65	–	946
1995-96	268	676	–	48	10	88	56	–	1 146
1996-97	277	828	–	47	10	84	57	–	1 303
1997-98	290	778	–	40	10	66	59	–	1 243
<b>Total</b>									
1993-94	5 332	5 231	2 837	2 067	2 063	608	251	138	18 526
1994-95	5 401	5 030	3 094	2 094	1 821	627	235	140	18 442
1995-96	5 654	4 553	3 169	2 209	1 843	650	252	152	18 483
1996-97	5 805	4 746	3 298	2 326	1 828	569	235	154	18 961
1997-98	5 987	4 337	3 406	2 383	1 788	545	264	159	18 870
<b>FTE staff per 100 000 persons</b>									
1993-94	88	117	90	122	141	129	84	80	104
1994-95	89	112	96	122	124	132	78	80	103
1995-96	92	100	96	126	125	137	82	84	102
1996-97	93	104	98	131	124	120	76	83	103
1997-98	95	94	99	132	121	115	86	84	101

<sup>a</sup> Domestic staff are mainly excluded in reports of inpatient FTE by the NT and the ACT.

<sup>b</sup> Direct care FTE refer to the following staff categories: medical officers, nursing, diagnostic/allied health, and other personal care staff.

<sup>c</sup> Direct Care FTE data for 1992-93 in Table A-28 were extrapolated on the basis of the relationship between FTE and expenditure reported over the subsequent five years.

<sup>d</sup> Definition of staff categories followed the guidelines of the National Health Data Dictionary (AIHW 1999).

– Nil or rounded to zero.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.



Table 7A.24 **Number of Medical, Nursing and Allied Health Professional full time equivalent staff per 100 000 population employed by specialist mental health services, 1997-1998**

	<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>
<b>Medical</b>									
Consultant Psychiatrists	2.5	4.7	3.1	4.1	4.4	4.3	2.6	3.7	3.5
Psychiatry Registrars	2.9	3.7	3.7	4.5	5.2	1.1	3.8	3.2	3.5
Other Medical Officers	0.9	2.5	1.3	1.7	2.5	2.7	0.7	0.8	1.6
Total	6.3	10.9	8.1	10.3	12.0	8.1	7.1	7.7	8.7
<b>Nursing</b>									
Registered Nursing	45.1	43.8	40.5	56.1	53.8	49.7	38.0	45.9	45.7
Non-registered	5.2	5.8	9.7	9.8	11.1	7.5	2.4	5.8	7.1
Total Nursing	50.2	49.7	50.2	65.8	64.9	57.3	40.3	51.8	52.8
<b>Allied health</b>									
Occupational Therapists	2.5	3.6	2.6	4.8	2.5	1.9	1.1	0.5	2.9
Social Workers	4.0	5.8	4.7	6.0	8.7	5.2	8.5	2.7	5.2
Psychologists	5.5	6.0	5.1	5.5	4.9	5.7	4.8	5.3	5.5
Other Allied Health Staff	3.2	2.3	3.0	7.8	4.0	0.7	0.3	5.8	3.4
Total Allied Health	15.2	17.7	15.4	24.1	20.1	13.4	14.7	14.3	17.0

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

**Table 7A.25 Separations and non-admitted occasions of service for mental health in public acute and psychiatric hospitals, 1998-99**

	<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>
Separations for mental health									
Public acute and psychiatric hospitals	38 862	27 737	23 680	15 205	13 074	3 870	1 141	741	124 310
Non-admitted occasions of service									
Public acute hospitals	995 176	814 119	130 448	89 813	18 972	238 <sup>a</sup>	5 717	..	2 054 483
Psychiatric	23 240	na	175 057	na	na	na	..	..	198 297

<sup>a</sup> Data are available for only three major hospitals.

<sup>b</sup> For public psychiatric hospitals, includes only those States and Territories for which data are available

na Not available. .. Not applicable.

Source: AIHW 2000c, *Australian Hospital Statistics, 1998-99*, AIHW cat. no. HSE 11. Canberra: Australian Institute of Health and Welfare (Health Services Series no. 15).

**Table 7A.26 Separation, same day separation, separations per 10 000 population and average length of stay for seven mental health disorders with highest number of separations, all hospitals, 1998-99**

<i>Seven mental disorders with the highest separations</i>	<i>Total separations</i>	<i>Same day separations</i>	<i>Separations per 10 000 population</i>	<i>Average length of stay</i>
	no.	no.	no.	days
Depressive disorders	58 682	29 998	31.1	7.9
Neurotic, stress-related and somatoform disorders	39 935	18 576	21.2	4.6
Schizophrenia	25 460	5 372	13.5	35.0
Mental, behavioural disorders from use of alcohol	23 490	7 855	12.5	8.4
Mental, behavioural disorders from other psychoactive substances use	14 902	2 958	7.9	5.5
Other schizophrenic, schizotypal, delusional disorders	14 536	4 046	7.7	13.8
Bipolar affective disorders	14 463	4 225	7.7	15.5
<b>Total mental disorders</b>	<b>239 237</b>	<b>89 473</b>	<b>126.9</b>	<b>12.5</b>

Source: AIHW 2000c, *Australian Hospital Statistics, 1998-99*, AIHW cat. no. HSE 11. Canberra: Australian Institute of Health and Welfare (Health Services Series no. 15).

Table 7A.27 Patient days<sup>a</sup>

	<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>
Psychiatric hospitals (days)									
1993	549 673	525 855	331 195	171 561	193 840	58 154	–	–	1 830 278
1994	497 719	441 283	313 510	157 762	186 495	52 997	–	–	1 649 766
1995	441 759	407 904	289 450	127 163	163 408	53 979	–	–	1 483 663
1996	399 343	217 945	267 085	124 430	156 078	53 360	–	–	1 218 241
1997	377 710	186 667	263 954	126 573	163 948	39 960	–	–	1 158 812
1998	368 893	122 910	246 043	116 617	160 995	31 250	–	–	1 046 708
Public acute hospitals (days)									
1993	235 998	98 548	154 686	70 403	33 898	24 089	17 481	10 247	645 350
1994	237 244	106 830	165 429	69 264	36 715	20 692	16 171	7 904	660 249
1995	242 213	105 393	167 923	101 795	45 787	21 120	17 159	9 247	710 637
1996	250 845	145 588	162 104	99 179	50 780	20 873	16 352	8 371	754 092
1997	268 929	155 577	162 556	96 020	50 961	22 700	18 975	9 932	785 650
1998	281 619	216 949	170 068	103 271	49 295	20 838	17 255	9 096	868 391
Bed days in public acute hospitals as a proportion of total hospital bed days (per cent)									
1993	30.0	15.8	31.8	29.1	14.9	29.3	100.0	100.0	26.1
1994	32.3	19.5	34.5	30.5	16.4	28.1	100.0	100.0	28.6
1995	35.4	20.5	36.7	44.5	21.9	28.1	100.0	100.0	32.4
1996	38.6	40.0	37.8	44.4	24.5	28.1	100.0	100.0	38.2
1997	41.6	45.5	38.1	43.1	23.7	36.2	100.0	100.0	40.4
1998	43.3	63.8	40.9	47.0	23.4	40.0	100.0	100.0	45.3

Table 7A.27 Patient days<sup>a</sup>

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Community residential services (days)									
1993	84 452	98 606	–	26 061	7 793	21 045	21 243	–	259 200
1994	83 475	109 769	–	18 951	8 827	23 007	21 247	–	265 276
1995	102 811	127 120	–	17 926	4 638	23 940	21 485	–	297 920
1996	103 539	171 678	–	21 898	4 322	20 120	21 733	–	343 290
1997	101 845	255 258	–	21 764	3 285	23 789	21 267	–	427 208
1998	90 039	278 746	–	17 309	2 535	15 634	19 777	–	424 040
Patient days per 1000 persons, 1997-98									
Psychiatric hospitals	58.5	26.6	71.8	64.4	108.6	66.1	–	–	56.2
Public acute hospitals	44.7	46.9	49.7	57.0	33.3	44.1	56.2	48.3	46.6
Community residential services	14.3	60.2	–	9.6	1.7	33.1	64.4	–	22.8

<sup>a</sup> At June.

– Nil or rounded to zero.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

Table 7A.28 **Reported Indigenous status of short stay patients with a mental health principal diagnosis, Australia, 1997-98<sup>a, b</sup>**

<i>Principal diagnosis</i>	<i>Indigenous patients</i>					<i>All patients</i>				
	<i>Same day separations</i>	<i>Overnight separations</i>	<i>Separations per 1000 Indigenous<sup>c</sup></i>	<i>Days in general care</i>	<i>Psychiatric care days</i>	<i>Same day separations</i>	<i>Overnight separations</i>	<i>Separations per 1000 population<sup>c</sup></i>	<i>Days in general care</i>	<i>Psychiatric care days</i>
Senile and presenile organic conditions	np	23	0.1	239	58	438	5 858	0.3	64 376	17 769
Other organic psychotic conditions	67	540	1.5	2 397	970	1 764	13 821	0.8	91 678	29 382
Schizophrenic disorders	116	527	1.6	4 655	4 065	8 475	22 132	1.7	20 576	224 326
Affective disorders <sup>c</sup>	128	384	1.3	3 329	2 488	28 102	27 688	3.0	79 729	226 334
Other affective psychoses	29	217	0.6	1 375	734	6 607	10 571	0.9	36 212	58 502
Anxiety disorders <sup>c</sup>	30	55	0.2	272	163	8 145	3 570	0.6	6 813	29 743
Paranoid states	np	22	0.1	200	168	687	1 321	0.1	3 167	10 976
Other psychoses	34	94	0.3	556	420	1 253	3 129	0.2	6 532	19 847
Other Neurotic disorders	101	183	0.7	691	256	3 215	5 035	0.4	15 776	9 741
Personality disorders <sup>d</sup>	np	79	0.2	440	347	2 823	5 496	0.4	5 715	28 255
Eating disorders	np	np	—	71	np	5 012	1 513	0.4	3 597	12 866
Substance abuse	124	220	0.9	651	222	2 407	3 266	0.3	5 969	5 810
Substance dependence	82	571	1.7	2 495	466	3 952	12 203	0.9	58 943	24 442
Acute alcoholic intoxication	84	201	0.7	600	98	1 001	2 399	0.2	6 771	4 086
Other drug dependence and abuse	14	36	0.1	185	87	500	1 256	0.1	3 752	4 779
Physiological malfunction	np	np	—	np	—	246	302	—	1 172	156
Special syndromes or syndromes not elsewhere	np	16	—	36	—	534	1 093	0.1	4 222	725
Acute reaction to stress	21	78	0.3	225	87	1 005	3 018	0.2	7 772	5 138
Adjustment reaction excluding PTSD	27	212	0.6	1 022	788	3 532	9 942	0.7	22 137	35 463
Specific non-psychotic mental disorders <sup>e</sup>	np	13	—	108	88	290	1 453	0.1	11 598	2 103
Other non-psychotic mental conditions	161	47	0.5	363	250	5 273	1 680	0.4	—	10 861

Table 7A.28 **Reported Indigenous status of short stay patients with a mental health principal diagnosis, Australia, 1997-98<sup>a, b</sup>**

Principal diagnosis	Indigenous patients					All patients				
	Same day separations	Overnight separations	Separations per 1000 Indigenous <sup>c</sup>	Days in general care	Psychiatric care days	Same day separations	Overnight separations	Separations per 1000 population <sup>c</sup>	Days in general care	Psychiatric care days
Observation for suspected mental condition	np	np	—	20	np	86	164	—	133	662
V codes associated with mental illness <sup>f</sup>	np	np	—	np	np	36	63	—	210	123
<b>Total</b>	<b>1 041</b>	<b>3 536</b>	<b>11.6</b>	<b>19 939</b>	<b>11 765</b>	<b>85 383</b>	<b>136 973</b>	<b>12.0</b>	<b>456 850</b>	<b>762 089</b>

<sup>a</sup> The completeness of Indigenous status varies, hence these data should be used with caution.

<sup>b</sup> Short stay separations are those with less than 36 patient days.

<sup>c</sup> Anxiety disorders include panic disorder, generalised anxiety disorder, agoraphobia with panic attacks, agoraphobia without mention panic attacks, social phobia, obsessive compulsive disorders, prolonged post-traumatic stress disorder, affective disorder.

<sup>d</sup> Includes sexual deviations and disorders.

<sup>e</sup> Due to organic brain damage.

<sup>f</sup> AV code is defined as a 'factor influencing health status and contact with health services'. V codes include V11, V15.4, V17.0, V40, V65.2, V66.3, V67.3, V79.0, V79.1, V79.3, V79.8 and V79.9.

<sup>g</sup> Rates are crude rates based on 31 December 1997 population.

<sup>h</sup> Specialised psychiatric care refers to any treatment given in a public psychiatric hospital or in a designated psychiatric ward or unit of an acute hospital.

— Nil or rounded to zero. **np** Not published.

Source: AIHW 2000d, *Institutional Mental Health Services in Australia 1997-98: First Report on the National Minimum Data Set - Institutional Mental Health Care*, Canberra: AIHW (Mental Health Series no. 1).

Table 7A.29 Accredited mental health facilities<sup>a</sup>

	NSW	Vic	Qld	WA	SA <sup>b</sup>	Tas	ACT	NT
1999								
Facilities								
Psychiatric hospitals								
Number accredited	6	–	na	1	1	na	na	na
Total establishments	7	1	na	1	2	na	na	na
Per cent accredited	85.7	–	na	100.0	50.0	na	na	na
Public acute								
Number accredited	31	30	na	7	8	na	na	na
Total establishments	36	34	na	11	8	na	na	na
Per cent accredited	86.1	88.2	na	63.6	100.0	na	na	na
Community residential								
Number accredited	na	37	na	1	1	na	na	na
Total establishments	na	42	na	2	1	na	na	na
Per cent accredited	na	88.1	na	50.0	100.0	na	na	na
Community ambulatory								
Number accredited	na	na	na	11	na	na	na	na
Total establishments	na	na	na	23	na	na	na	na
Per cent accredited	na	na	na	48	na	na	na	na
Beds								
Psychiatric hospitals								
Number accredited	786	–	na	283	121	na	na	na
Total beds	840	73	na	283	475	na	na	na
Per cent accredited	93.6	–	na	100.0	25.5	na	na	na
Public acute								
Number accredited	941	851	na	322	177	na	na	na
Total beds	1 073	982	na	363	177	na	na	na
Per cent accredited	87.7	86.7	na	88.7	100.0	na	na	na
Community residential								
Number accredited	na	860	na	6	17	na	na	na
Total beds	na	916	na	66	17	na	na	na
Per cent accredited	na	93.9	na	9.1	100.0	na	na	na
2000								
Facilities								
Psychiatric hospitals								
Number accredited	6	na	1	na	1	1	na	na
Total establishments	7	na	3	na	2	1	na	na
Per cent accredited	85.7	na	33.0	na	50.0	100.0	na	na
Public acute								
Number accredited	33	na	5	na	8	3	na	na
Total establishments	36	na	16	na	8	3	na	na
Per cent accredited	91.7	na	31.0	na	100.0	100.0	na	na



Table 7A.29 **Accredited mental health facilities<sup>a</sup>**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA<sup>b</sup></i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Community residential								
Number accredited	na	na	–	na	1	na	na	na
Total establishments	na	na	–	na	1	na	na	na
Per cent accredited	na	na	–	na	100.0	na	na	na
Community ambulatory								
Number accredited	na	na	17	na	na	na	na	na
Total establishments	na	na	na	na	na	na	na	na
Per cent accredited	na	na	na	na	na	na	na	na
Beds								
Psychiatric hospitals								
Number accredited	755	na	na	na	121	na	na	na
Total beds	807	na	na	na	479	na	na	na
Per cent accredited	93.6	na	na	na	25.3	na	na	na
Public acute								
Number accredited	901	na	na	na	179	74	na	na
Total beds	1 022	na	na	na	179	na	na	na
Per cent accredited	88.2	na	na	na	100.0	na	na	na
Community residential								
Number accredited	na	na	na	na	17	7	na	na
Total beds	na	na	na	na	17	na	na	na
Per cent accredited	na	na	na	na	100.0	na	na	na

<sup>a</sup> Accreditation as at 30 June

<sup>b</sup> SA facilities accredited by Australian Council on Healthcare Standards

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

Source: Jurisdictions

Table 7A.30 **Consumer participation arrangements in public sector mental health service organisations (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>
Consumer with a formal position on management committee (level 1)									
1994	4	2	2	1	2	–	–	–	11
1995	1	–	5	–	2	–	–	–	8
1996	9	1	3	–	2	3	–	–	18
1997	17	–	2	–	1	–	–	–	20
1998	30	7	3	1	3	–	–	–	44
Mental health consumer advisory committee, all services (level 1)									
1994	4	4	4	–	–	–	–	–	12
1995	12	4	4	–	3	2	–	–	25
1996	21	4	5	–	12	–	–	1	43
1997	26	5	7	1	8	1	–	1	49
1998	17	2	7	–	12	1	–	1	40
Mental health consumer advisory committee, some services (level 2)									
1994	12	5	4	–	1	–	–	–	22
1995	11	6	1	1	1	1	1	1	23
1996	9	5	10	2	2	–	1	1	30
1997	6	2	9	4	3	–	–	1	25
1998	6	3	12	5	4	–	–	1	31

**Table 7A.30 Consumer participation arrangements in public sector mental health service organisations (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>
Consumers on broadly based advisory committee (level 3)									
1994	9	6	4	3	4	2	–	–	28
1995	12	11	1	7	6	–	–	1	38
1996	9	7	2	11	3	–	–	–	32
1997	5	3	1	4	6	2	1	–	22
1998	3	3	1	9	4	2	1	1	24
No specific arrangements or 'other arrangements' (level 4) (b)									
1994	14	14	8	12	6	1	2	7	64
1995	22	14	7	12	16	–	1	5	77
1996	12	16	11	13	12	–	1	–	65
1997	13	11	11	17	11	–	1	3	67
1998	11	7	7	12	9	–	1	2	49
Total number of organisations with valid response									
1994	43	31	22	16	13	3	2	7	137
1995	58	35	18	20	28	3	2	7	171
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

<sup>a</sup> 'No specific arrangements' and 'other arrangements' includes the responses 'Consumers meet with senior representatives as required', 'No specific arrangements' and 'Other arrangements'.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

Table 7A.31 **Real recurrent expenditure on mental health services, per person (1998 dollars)**

	<i>Recurrent expenditure per person<sup>a</sup></i>					<i>Spending on psychiatric hospitals as a per cent of spending on all hospitals and community residential</i>
	<i>Psychiatric hospitals</i>	<i>Public acute hospitals</i>	<i>Community residential</i>	<i>Ambulatory</i>	<i>NGO</i>	
	\$	\$	\$	\$	\$	%
<b>NSW</b>						
1992-93	27.6	16.8	2.9	15.2	0.8	58.3
1993-94	28.7	15.3	2.4	15.5	0.9	61.8
1994-95	27.1	15.3	3.3	17.8	1.1	59.2
1995-96	24.8	16.0	2.9	20.7	1.1	56.7
1996-97	23.4	17.1	3.3	22.9	1.4	53.3
1997-98	22.5	18.5	2.8	24.5	1.2	51.3
<b>Vic</b>						
1992-93	41.8	10.2	4.9	17.0	2.2	73.5
1993-94	34.3	9.7	4.5	20.8	2.7	70.7
1994-95	32.8	10.1	5.5	24.2	3.2	67.7
1995-96	19.4	15.9	10.0	28.1	3.8	42.9
1996-97	15.5	14.4	11.8	30.8	5.6	37.2
1997-98	10.6	18.8	12.1	28.9	7.5	25.5
<b>Qld</b>						
1992-93	25.4	17.1	–	10.7	0.7	59.8
1993-94	24.2	17.1	–	11.1	0.9	58.6
1994-95	24.3	16.5	–	12.9	1.2	59.6
1995-96	24.4	15.9	–	17.5	1.4	60.6
1996-97	25.3	17.6	–	19.0	2.4	59.1
1997-98	25.3	17.4	–	20.3	3.5	59.3
<b>WA</b>						
1992-93	33.4	14.3	1.7	13.7	1.6	67.6
1993-94	33.2	14.2	1.2	16.5	1.7	68.5
1994-95	28.1	19.4	1.1	16.1	2.3	57.7
1995-96	28.2	19.2	1.3	20.0	3.9	57.9
1996-97	28.7	21.9	1.3	24.0	3.9	55.3
1997-98	27.2	23.7	1.4	29.2	4.9	52.1
<b>SA</b>						
1992-93	40.5	7.2	0.6	19.1	1.1	83.8
1993-94	39.1	7.8	0.6	20.5	1.2	82.2
1994-95	38.6	9.0	0.5	21.6	1.2	80.3
1995-96	36.7	9.7	0.3	23.4	1.4	78.6
1996-97	39.4	9.8	0.3	24.8	2.0	79.6
1997-98	38.3	12.3	0.3	28.6	1.6	75.3
<b>Tas</b>						
1992-93	32.0	13.2	7.5	11.5	2.0	60.6
1993-94	29.7	15.6	8.5	14.4	2.1	55.3

Table 7A.31 **Real recurrent expenditure on mental health services, per person (1998 dollars)**

	Recurrent expenditure per person <sup>a</sup>					Spending on psychiatric hospitals as a per cent of spending on all hospitals and community residential
	Psychiatric hospitals	Public acute hospitals	Community residential	Ambulatory	NGO	
	\$	\$	\$	\$	\$	%
1994-95	27.4	15.4	9.8	17.2	2.2	52.1
1995-96	26.7	17.0	10.3	21.2	2.8	49.5
1996-97	26.2	17.9	9.4	21.9	3.0	49.0
1997-98	25.8	18.5	9.8	21.8	2.7	47.7
ACT						
1992-93	–	22.4	13.1	16.2	1.3	–
1993-94	–	20.7	12.4	17.2	1.3	–
1994-95	–	22.0	12.1	19.2	1.2	–
1995-96	–	23.8	12.5	20.8	1.4	–
1996-97	–	27.1	12.6	21.2	3.4	–
1997-98	–	23.0	13.0	21.4	3.6	–
NT						
1992-93	–	30.7	–	22.0	0.5	–
1993-94	–	34.2	–	21.8	0.9	–
1994-95	–	31.5	–	24.3	2.0	–
1995-96	–	30.0	–	33.8	4.1	–
1996-97	–	37.3	–	31.4	3.9	–
1997-98	–	32.7	–	37.4	3.8	–
Australia						
1992-93	31.8	14.3	2.9	15.0	1.3	65.0
1993-94	29.9	13.8	2.5	16.6	1.5	64.7
1994-95	28.3	14.4	3.1	18.8	1.8	61.8
1995-96	24.1	16.1	4.1	22.2	2.2	54.4
1996-97	23.0	16.8	4.7	24.4	3.0	51.8
1997-98	21.2	18.6	4.6	25.6	3.7	47.8

<sup>a</sup> Estimates of recurrent expenditure per person refer to all mental health services in each category regardless of source of funds, and give a picture of spending IN the jurisdiction.

– Nil or rounded to zero.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra.

Table 7A.32 Prevalence of mental disorders among adults aged 18 years and over 1997<sup>a, b</sup>

	<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>Number</i>										
Mental disorders										
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
<b>Total mental disorders</b>	<b>no.</b>	<b>817 119</b>	<b>600 976</b>	<b>422 314</b>	<b>276 022</b>	<b>197 070</b>	<b>51 102</b>	<b>47 819</b>	<b>26 560</b>	<b>2 438 981</b>
<i>Per cent</i>										
Mental disorders										
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
<b>Total mental disorders</b>	<b>%</b>	<b>17.8</b>	<b>17.7</b>	<b>17.4</b>	<b>21.3</b>	<b>18.0</b>	<b>15.0</b>	<b>21.8</b>	<b>26.5</b>	<b>18.1</b>

<sup>a</sup> Any occurrence of the disorder during the 12 months prior to the survey.

<sup>b</sup> 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.33 **Prevalence rates of mental disorders, by age, as a proportion of all adults, 1997 (per cent)<sup>a</sup>**

	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 <sup>b</sup>	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

<sup>a</sup> 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.

<sup>b</sup> Includes all affective disorders.

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

**Table 7A.34 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.35 **Suicides and mortality rate, by sex, Australia**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Suicides (number)											
Males	1 730	1 658	1 735	1 847	1 820	1 687	1 830	1 872	1 931	2 146	2 150
Females	467	438	426	513	474	394	428	495	462	577	533
Persons	2 197	2 096	2 161	2 360	2 294	2 081	2 258	2 367	2 393	2 723	2 683
Mortality rate (number per 100 000 people) <sup>a</sup>											
Males	21.0	19.8	20.4	21.4	20.9	19.2	20.6	20.8	21.2	23.3	23.0
Females	5.6	5.2	5.0	5.9	5.4	4.4	4.8	5.5	5.0	6.2	5.7
Persons	13.3	12.5	12.7	13.7	13.1	11.8	12.6	13.1	13.1	14.7	14.3

<sup>a</sup> As at 30 June

Source: Steering Committee for the Review of Commonwealth/State Service Provision (SCRCSSP) 2000, *Report on Government Services 2000*, AusInfo, Canberra.

**Table 7A.36 Suicide and self inflicted injury: number of suicide deaths and rate, 1988–1999**

	<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									
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
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

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

**Table 7A.37 Suicide deaths 15–24 year olds, number of suicide deaths and rate, 1988–1999**

	<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	2	380
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	4	455
1993	118	123	75	43	21	11	6	3	400
1994	135	93	103	45	29	16	7	3	431
1995	123	107	93	53	39	11	4	4	434
1996	124	78	113	47	24	7	7	7	407
1997	170	117	118	43	37	3	11	11	510
1998	146	94	93	55	36	4	6	12	446
Suicide death rate 15–24 year olds 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	13.3	16.5
1993	13.1	17.6	15.0	16.4	9.7	15.7	10.8	9.9	14.6
1994	15.0	13.6	20.4	17.1	13.7	23.1	12.7	9.9	15.9
1995	13.8	15.9	18.3	20.0	18.8	16.2	7.3	13.1	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	4.6	20.9	35.2	19.1
1998	16.6	14.2	18.3	20.2	18.0	6.2	11.5	38.4	16.7

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

Table 7A.38 **Suicide deaths by area, number of suicide deaths and 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>
Number of suicide deaths by area									
1988									
Capital city	444	351	191	149	140	31	31	18	1 355
Other urban	168	81	120	8	8	28	–	1	414
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	–	4	411
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	1	15	464
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	4	36	–	1	435
Rural	127	104	114	46	53	26	1	10	481
1993									
Capital city	415	339	174	164	116	31	27	14	1 280
Other urban	143	68	97	12	6	34	–	1	361
Rural	142	88	92	40	44	18	–	7	431
1994									
Capital city	472	363	198	156	120	22	35	9	1 375
Other urban	174	72	141	13	6	32	–	3	441
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	4	21	–	3	421
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	–	2	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

Table 7A.38 **Suicide deaths by area, number of suicide deaths and 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>
1998									
Capital city	496	388	269	181	172	37	30	16	1 589
Other urban	226	67	170	26	7	15	–	–	511
Rural	133	123	135	73	62	7	1	23	557
Suicide death rate per 100 000 persons by area									
1998									
Capital city	12.5	11.5	17.1	13.5	15.8	19.0	9.7	18.5	13.3
Other urban	11.6	8.0	13.8	9.9	5.4	8.7	na	–	11.1
Rural	33.2	27.3	20.8	32.2	23.1	6.8	307.7	25.5	25.4
<b>Total</b>	<b>13.6</b>	<b>12.4</b>	<b>16.8</b>	<b>15.7</b>	<b>16.4</b>	<b>12.5</b>	<b>10.1</b>	<b>22.1</b>	<b>14.3</b>

<sup>a</sup> Other Urban is defined as areas with a population of greater than 10 000.

<sup>b</sup> The 'overseas' and 'no fixed abode' suicides are included in the Australian total suicides.

<sup>c</sup> The Australian ERP total includes the Other Territories — Jervis Bay, Christmas Island and the Cocos (Keeling) Islands.

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

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

Table 7A.39 **Suicide and self inflicted injury among Indigenous people<sup>a, b</sup>**

	<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									
Non-indigenous	725	534	407	200	179	72	31	23	2 171
Indigenous	5	4	–	7	5	–	–	5	26
<b>Total</b>	<b>730</b>	<b>538</b>	<b>407</b>	<b>207</b>	<b>184</b>	<b>72</b>	<b>31</b>	<b>28</b>	<b>2 197</b>
1989									
Non-indigenous	675	498	411	177	190	59	35	24	2 069
Indigenous	6	1	–	8	12	–	–	–	27
<b>Total</b>	<b>681</b>	<b>499</b>	<b>411</b>	<b>185</b>	<b>202</b>	<b>59</b>	<b>35</b>	<b>24</b>	<b>2 096</b>
1990									
Non-indigenous	671	497	423	208	206	70	35	29	2 139
Indigenous	4	2	–	7	8	–	–	1	22
<b>Total</b>	<b>675</b>	<b>499</b>	<b>423</b>	<b>215</b>	<b>214</b>	<b>70</b>	<b>35</b>	<b>30</b>	<b>2 161</b>
1991									
Non-indigenous	761	606	423	208	223	66	34	18	2 339
Indigenous	6	1	–	4	8	1	–	1	21
<b>Total</b>	<b>767</b>	<b>607</b>	<b>423</b>	<b>212</b>	<b>231</b>	<b>67</b>	<b>34</b>	<b>19</b>	<b>2 360</b>
1992									
Non-indigenous	729	555	428	209	206	96	31	16	2 270
Indigenous	3	2	–	5	7	–	–	7	24
<b>Total</b>	<b>732</b>	<b>557</b>	<b>428</b>	<b>214</b>	<b>213</b>	<b>96</b>	<b>31</b>	<b>23</b>	<b>2 294</b>
1993									
Non-indigenous	696	494	367	207	164	82	27	20	2 057
Indigenous	7	3	–	9	2	1	–	2	24
<b>Total</b>	<b>703</b>	<b>497</b>	<b>367</b>	<b>216</b>	<b>166</b>	<b>83</b>	<b>27</b>	<b>22</b>	<b>2 081</b>
1994									
Non-indigenous	774	509	455	208	161	70	36	14	2 227
Indigenous	7	2	–	9	8	–	–	5	31
<b>Total</b>	<b>781</b>	<b>511</b>	<b>455</b>	<b>217</b>	<b>169</b>	<b>70</b>	<b>36</b>	<b>19</b>	<b>2 258</b>
1995									
Non-indigenous	752	563	495	207	193	65	33	20	2 328
Indigenous	13	3	–	11	7	1	1	3	39
<b>Total</b>	<b>765</b>	<b>566</b>	<b>495</b>	<b>218</b>	<b>200</b>	<b>66</b>	<b>34</b>	<b>23</b>	<b>2 367</b>
1996									
Non-indigenous	813	496	523	206	184	64	37	27	2 350
Indigenous	2	4	16	12	1	–	–	8	43
<b>Total</b>	<b>815</b>	<b>500</b>	<b>539</b>	<b>218</b>	<b>185</b>	<b>64</b>	<b>37</b>	<b>35</b>	<b>2 393</b>
1997									
Non-indigenous	933	667	496	246	191	51	42	27	2 653
Indigenous	2	3	39	9	6	–	–	11	70
<b>Total</b>	<b>935</b>	<b>670</b>	<b>535</b>	<b>255</b>	<b>197</b>	<b>51</b>	<b>42</b>	<b>38</b>	<b>2 723</b>
1998									

Table 7A.39 **Suicide and self inflicted injury among Indigenous people<sup>a, b</sup>**

	<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-indigenous	842	575	535	267	235	58	31	31	2 574
Indigenous	20	4	44	20	9	1	–	11	109
<b>Total</b>	<b>862</b>	<b>579</b>	<b>579</b>	<b>287</b>	<b>244</b>	<b>59</b>	<b>31</b>	<b>42</b>	<b>2 683</b>
Indigenous suicide rate per 100 000 Indigenous population									
1996	2.0	19.0	16.7	23.5	5.0	–	–	17.4	12.2
1997	2.0	14.3	40.6	17.6	30.0	–	–	23.9	19.8
1998	19.8	19.0	45.8	39.2	45.0	7.1	–	23.9	30.9

<sup>a</sup> Differences across States/Territories may arise because of differences in the rate of identification of Indigenous people. Only Queensland, SA, WA and the NT 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 underidentified except for the ACT, for which the numbers of Indigenous deaths are too small to be considered publishable.

<sup>b</sup> Indigenous population for 1996.

– Nil or rounded to zero.

Sources: ABS (unpublished), *Causes of Deaths, Australia*, cat. no. 3303.0, Canberra; ABS (unpublished), *Census of Population and Housing: Community Profiles, Australia*, cat. no. 2020.0, Canberra; ABS 1998, *Experimental projections of the Aboriginal and Torres Strait Islander Population*, cat. no. 3231.0, AGPS, Canberra.

Table 7A.40 Number of suicide deaths by birthplace

	<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	2	306
Inadequate description, at sea, nec	8	4	–	1	–	1	–	–	14
<b>Total</b>	<b>730</b>	<b>538</b>	<b>407</b>	<b>207</b>	<b>184</b>	<b>72</b>	<b>31</b>	<b>28</b>	<b>2 197</b>
1989									
Australia	516	346	319	128	140	47	22	12	1 530
English speaking	70	62	58	40	27	2	5	5	269
Non-English speaking	91	87	34	17	34	10	8	7	288
Inadequate description, at sea, nec	4	4	–	–	1	–	–	–	9
<b>Total</b>	<b>681</b>	<b>499</b>	<b>411</b>	<b>185</b>	<b>202</b>	<b>59</b>	<b>35</b>	<b>24</b>	<b>2 096</b>
1990									
Australia	505	365	331	133	153	61	26	24	1 598
English speaking	78	43	56	45	30	5	7	3	267
Non-English speaking	88	90	36	34	31	2	2	3	286
Inadequate description, at sea, nec	4	1	–	3	–	2	–	–	10
<b>Total</b>	<b>675</b>	<b>499</b>	<b>423</b>	<b>215</b>	<b>214</b>	<b>70</b>	<b>35</b>	<b>30</b>	<b>2 161</b>
1991									
Australia	565	451	340	140	176	57	22	12	1 763
English speaking	82	61	44	47	26	6	6	3	275
Non-English speaking	105	91	38	25	28	3	6	4	300
Inadequate description, at sea, nec	15	4	1	–	1	1	–	–	22
<b>Total</b>	<b>767</b>	<b>607</b>	<b>423</b>	<b>212</b>	<b>231</b>	<b>67</b>	<b>34</b>	<b>19</b>	<b>2 360</b>
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	8	3	–	1	1	1	–	–	14
<b>Total</b>	<b>732</b>	<b>557</b>	<b>428</b>	<b>214</b>	<b>213</b>	<b>96</b>	<b>31</b>	<b>23</b>	<b>2 294</b>
1993									
Australia	519	360	284	146	110	73	21	16	1 529
English speaking	59	54	51	41	30	4	1	2	242
Non-English speaking	121	79	31	29	26	6	5	4	301
Inadequate description, at sea, nec	4	4	1	–	–	–	–	–	9
<b>Total</b>	<b>703</b>	<b>497</b>	<b>367</b>	<b>216</b>	<b>166</b>	<b>83</b>	<b>27</b>	<b>22</b>	<b>2 081</b>
1994									
Australia	578	353	349	145	120	61	27	16	1 649
English speaking	76	48	63	53	31	5	5	1	282
Non-English speaking	119	105	42	19	18	4	4	1	312
Inadequate description, at sea, nec	8	5	1	–	–	–	–	1	15
<b>Total</b>	<b>781</b>	<b>511</b>	<b>455</b>	<b>217</b>	<b>169</b>	<b>70</b>	<b>36</b>	<b>19</b>	<b>2 258</b>
1995									
Australia	568	420	385	148	146	55	21	18	1 761



Table 7A.40 **Number of suicide deaths by birthplace**

	<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>
English speaking	74	46	64	41	33	4	4	3	269
Non-English speaking	118	95	41	26	20	6	8	2	316
Inadequate description, at sea, nec	5	5	5	3	1	1	1	–	21
<b>Total</b>	<b>765</b>	<b>566</b>	<b>495</b>	<b>218</b>	<b>200</b>	<b>66</b>	<b>34</b>	<b>23</b>	<b>2 367</b>
1996									
Australia	626	351	429	148	128	54	23	29	1 788
English speaking	77	57	65	46	26	4	4	2	281
Non-English speaking	100	90	43	23	25	4	10	4	299
Inadequate description, at sea, nec	12	2	2	1	6	2	–	–	25
<b>Total</b>	<b>815</b>	<b>500</b>	<b>539</b>	<b>218</b>	<b>185</b>	<b>64</b>	<b>37</b>	<b>35</b>	<b>2 393</b>
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	1	6	4	334
Inadequate description, at sea, nec	9	7	5	2	–	1	–	–	24
<b>Total</b>	<b>935</b>	<b>670</b>	<b>535</b>	<b>255</b>	<b>197</b>	<b>51</b>	<b>42</b>	<b>38</b>	<b>2 723</b>
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	3	6	2	302
Inadequate description, at sea, nec	5	2	3	–	2	3	–	–	15
<b>Total</b>	<b>862</b>	<b>579</b>	<b>579</b>	<b>287</b>	<b>244</b>	<b>59</b>	<b>31</b>	<b>42</b>	<b>2 683</b>

nec Not elsewhere classified

– Nil or rounded to zero.

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

Table 7A.41 **Average and median length of stay in psychiatric care, public acute and psychiatric hospitals and average length of stay in community residential services, 1997-98<sup>a, b</sup>**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld<sup>d</sup></i>	<i>WA<sup>e</sup></i>	<i>SA<sup>c</sup></i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Public acute hospitals										
Short stay										
Average length of stay	days	10.01	10.43	8.11	na	10.42	7.71	8.61	8.13	9.45
Median length of stay	days	7	8	5	na	8	5	6	5	6
Long stay										
Average length of stay	days	66.2	76.8	57.1	na	53.4	50.9	49.0	57.2	67.6
Median length of stay	days	51.0	52.0	47.0	na	47.0	47.0	42.0	52.5	50.0
Public psychiatric hospitals										
Short stay										
Average length of stay	days	9.86	10.17	12.57	13.44	10.37	9.57	..	..	10.75
Median length of stay	days	6	7	10	12	7	6	..	..	8
Long stay										
Average length of stay	days	343.3	126.0	na	144.2	133.5	383.6	..	..	352.7
Median length of stay	days	57.0	52.0	104.0	65.0	58.0	56.0	..	..	62.0
24-hour community residential services										
Average length of stay										
1997-98	days	na	na	..	247	na	na	na	..	na
1998-99	days	na	424	..	202	na	60	na	..	na

<sup>a</sup> Specialised psychiatric care refers to any treatment given in a public psychiatric hospital or in a designated psychiatric ward or unit of an acute hospital.

<sup>b</sup>

Short stay separations are those with less than 36 patient days. Long stays are those with 36 patient days or more.

<sup>c</sup> SA departmental data indicate that the length of stay in psychiatric hospitals is 9.8 days and the length of stay in acute hospitals is 8.0 days.

<sup>d</sup> Published data for average length of stay is 879.5 days, which the Qld Government advises is incorrect.

<sup>e</sup>

Acute general hospitals in WA did not report total psychiatric care days, therefore data reported may be misleading and should not be directly compared to data from other States. WA figures include activity from psycho-geriatric facilities.

na Not available. .. Not applicable.

Source: AIHW 2000d, *Institutional Mental Health Services in Australia 1997-98: First Report on the National Minimum Data Set - Institutional Mental Health Care*. Canberra: AIHW (Mental Health Series no. 1); Jurisdictions for average length of stay in community residential services

Table 7A.42 **Average cost per patient bed day**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i> <sup>a</sup>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Public acute and psychiatric hospitals (verified data, 1997-98 dollars)										
1995-96	\$/day	387.6	445.6	307.8	378.2	332.6	283.9	443.5	648.7	372.0
1996-97	\$/day	391.0	401.2	336.0	412.4	340.1	334.0	439.9	697.6	377.8
1997-98	\$/day	410.0	401.0	352.0	420.0	357.0	402.0	410.0	677.0	392.0
Public acute and psychiatric hospitals (unverified data, 1998-99 dollars)										
1998-99										
Cost per patient day (\$/day)	\$/day	441.0	398.4	345.0	391.2	352.5	402.2	na	na	na
Number of days	no.	617 443	325 085	403 996	227 309	210 833	53 388	na	na	na
Community residential services (unverified data, current prices)										
1997-98										
Cost per patient day (\$/day)	\$/day	195.0	na	na	141.0	na	na	na	na	na
Number of days	no.	90 039	na	na	17 309	na	na	na	na	na
1998-99										
Cost per patient day	\$/day	242.0	187.7	na	190.6	na	259.2	na	na	na
Number of days	no.	54 574	315 351	na	13 349	na	18 796	na	na	na

<sup>a</sup> Infrastructure costs not included.

na Not available.

Source: Commonwealth Department of Health and Aged Care 2000, *National Mental Health Report 1997-98: Sixth Annual Report. Changes in Australia's Mental Health Services under the First National Mental Health Plan of the National Mental Health Strategy 1993-98*, AusInfo, Canberra; Jurisdictions for 98-99 admitted patient day cost data and community residential services data; AIHW 2000e, *Health Expenditure Bulletin No. 16: Australia's Health Services Expenditure to 1998-99*, AIHW, Canberra, (table A17, p. 36).

Table 7A.43 **Average cost per non-admitted occasion of care<sup>a</sup>**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld<sup>a</sup></i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1997-98									
Public psychiatric hospitals									
Cost per occasion	\$	na	na	na	na	na	na	na	na
Number of occasions	no.	na	na	150 355	na	na	na	na	na
Public acute hospitals									
Cost per occasion	\$	na	na	na	na	76.2	na	na	na
Number of occasions	no.	na	na	120 337	na	21 398	na	na	na
Community residential services									
Cost per occasion	\$	na	na	na	na	na	na	na	na
Number of occasions	no.	na	na	na	na	na	na	na	na
Community ambulatory									
Cost per occasion	\$	na	na	na	na	140.0	na	na	na
Number of occasions	no.	na	na	na	na	237 167	na	na	na
Total, all services									
Cost per occasion	\$	89.0	na	na	na	na	na	na	na
Number of occasions	no.	1 772 779	na	na	na	na	na	na	na

Table 7A.43 Average cost per non-admitted occasion of care<sup>a</sup>

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld<sup>a</sup></i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1998-99									
Public psychiatric hospitals									
Cost per occasion	\$	na	151.3	na	na	na	na	na	na
Number of occasions	no.	na	9 574	172 138	na	na	na	na	na
Public acute hospitals									
Cost per occasion	\$	na	na	na	na	71.3	na	na	na
Number of occasions	no.	na	na	132 493	na	27 342	2 529	na	na
Community residential services									
Cost per occasion	\$	na	na	na	na	na	na	na	na
Number of occasions	no.	na	na	na	na	na	na	na	na
Community ambulatory									
Cost per occasion	\$	na	75.4	na	na	137.0	na	na	na
Number of occasions	no.	na	1 813 314	na	na	238 358	na	na	na
Total, all services									
Cost per occasion	\$	90.0	na	na	na	na	na	na	na
Number of occasions	no.	1 655 232	na	na	na	na	na	na	na

<sup>a</sup> Data is not verified and care should be taken when comparing across jurisdictions.

<sup>b</sup> Queensland data are for other non-admitted occasions of service in public acute and psychiatric hospitals. Other non-inpatient related costs may be included in the average cost per occasion of service in addition to non-admitted occasions of service. The formula (1-IFRAC) does not identify the proportion of expenditure for non admitted occasions of service as it also includes the expenditure for other non-inpatient services.

na Not available.

Source: Jurisdictions