

11A Health management issues — attachment

Definitions for the indicators and descriptors in this attachment are in sections 11.3 and 11.4 of the chapter. Data in this Report are examined by the Health Working Group, but have not been formally audited by the Secretariat. Unsourced information was obtained from Australian, State and Territory governments.

This file is available in Adobe PDF format on the Review web page (www.pc.gov.au/gsp/2004/index.html). Users without Internet access can contact the Secretariat to obtain these tables (see details on the inside front cover of the Report).

11A.1 Breast cancer

Table 11A.1

Table 11A.1 Breast cancer five year relative survival rate in Australia at diagnosis, 1992–97

<i>Age</i>	<i>Per cent</i>
0–19 years (a)	na
20–29 years	72.4
30–39 years	79.8
40–49 years	85.8
50–59 years	85.7
60–69 years	86.1
70–79 years	82.8
80–89 years	72.2
90–99 years	64.7
All ages	84.0

(a) Five year relative survival results for the 0–19 age group are not presented as interpretation is difficult due to statistical instability.

na Not available.

Source: Australian Institute of Health and Welfare (AIHW) and Australasian Association of Cancer Registries 2001, *Cancer Survival in Australia, 2001, Part 1: National Summary Statistics*, Cat. no. CAN 13, (Cancer Series No. 18), AIHW, Canberra.

Table 11A.2

Table 11A.2	Number of new cases of breast cancer, five year averages (a)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1993–1997	3 356	2 561	1 629	872	850	249	136	41	9 695
1994–1998	3 491	2 657	1 701	903	888	255	147	44	10 087
1995–1999	3 520	2 685	1 781	937	910	247	148	44	10 271
1996–2000	3 585	2 731	1 873	949	929	248	157	50	10 522

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

Source: AIHW (unpublished).

Table 11A.3

Table 11A.3	Incidence rates of breast cancer, five year averages (a) (b)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1992–1996									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	3.2
10–14 years	–	–	0.3	–	–	–	–	–	6.4
15–19 years	–	–	0.2	–	0.4	–	–	–	6.4
20–24 years	1.3	0.7	1.9	1.5	0.7	–	–	–	1.1
25–29 years	7.1	8.9	7.3	7.0	7.0	9.5	6.3	4.6	7.6
30–34 years	25.0	25.5	27.5	24.7	28.7	31.7	26.3	21.8	26.0
35–39 years	55.5	58.8	60.1	59.4	51.5	66.8	53.3	54.7	57.5
40–44 years	118.1	119.3	104.1	118.4	111.6	110.5	112.5	101.3	114.9
45–49 years	191.5	185.0	195.8	187.3	180.9	181.6	194.5	152.0	188.8
50–54 years	235.1	236.5	231.9	226.8	250.1	233.9	250.0	158.0	235.0
55–59 years	257.7	272.4	238.4	270.0	280.4	268.7	251.9	223.0	261.3
60–64 years	274.4	284.3	259.4	295.4	273.0	256.5	292.4	195.0	275.6
65–69 years	298.1	317.1	268.7	301.6	316.0	299.2	241.7	179.5	299.3
70–74 years	290.6	318.6	305.6	296.9	279.6	267.1	352.3	117.4	299.4
75–79 years	309.0	334.8	318.0	337.6	308.2	318.4	339.0	185.4	319.6
80–84 years	293.9	347.7	323.9	345.2	319.4	247.5	280.9	91.2	317.9
85+ years	282.3	313.9	337.1	349.1	320.9	287.4	340.3	112.0	309.4
All ages									
ASR (Aust)	107.1	112.0	106.1	110.9	109.1	105.8	109.5	73.2	108.5
95% CI									
Upper	108.8	113.8	108.5	114.1	112.5	111.9	118.1	85.7	109.5
Lower	105.5	109.9	103.6	107.5	105.8	99.7	100.6	61.3	107.5
Ages 50–69									
ASR (Aust)	260.8	270.7	246.2	266.4	274.8	259.7	258.2	187.0	262.2
95% CI									
Upper	267.1	277.9	254.8	278.2	286.8	280.8	288.3	230.5	265.5
Lower	254.9	263.5	237.8	253.9	262.0	238.2	226.9	140.6	258.8

Table 11A.3

Table 11A.3	Incidence rates of breast cancer, five year averages (a) (b)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1993–1997									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	3.2
10–14 years	–	–	0.3	–	–	–	–	–	0.1
15–19 years	–	0.1	0.3	0.3	0.4	–	–	–	0.2
20–24 years	1.6	0.9	2.0	1.5	0.8	1.2	–	–	1.3
25–29 years	7.7	7.8	7.4	8.1	7.1	10.8	7.8	2.3	7.7
30–34 years	24.6	26.0	28.6	23.6	27.8	31.4	29.4	14.4	26.0
35–39 years	55.8	58.8	63.0	61.0	52.4	61.8	52.8	64.3	58.3
40–44 years	118.5	116.5	104.2	115.7	116.8	107.0	114.1	108.1	114.6
45–49 years	191.4	184.6	193.2	180.9	176.8	176.4	188.1	174.4	187.2
50–54 years	246.0	249.8	231.4	224.9	261.8	255.4	263.3	175.1	243.7
55–59 years	269.2	281.1	251.5	277.9	286.2	290.3	275.6	245.2	272.0
60–64 years	297.1	302.0	272.9	306.2	277.6	257.2	295.4	174.9	291.8
65–69 years	310.2	320.5	275.5	322.5	316.2	294.8	281.3	211.0	307.6
70–74 years	299.3	325.0	322.9	314.0	282.1	252.9	372.1	141.0	308.5
75–79 years	318.6	339.8	330.9	348.5	334.5	313.7	320.8	175.0	329.6
80–84 years	302.0	346.1	313.2	317.7	321.4	267.7	263.7	82.6	317.0
85+ years	284.6	316.0	333.0	338.3	293.8	272.9	277.9	101.8	305.6
All ages									
ASR (Aust)	110.6	114.3	108.3	112.1	111.0	106.9	112.2	78.0	111.1
95% CI									
Upper	136.8	143.2	147.6	158.5	130.8	129.6	190.9	200.8	140.9
Lower	133.1	138.7	142.3	151.1	123.9	117.4	167.7	160.2	138.5
Ages 50–69									
ASR (Aust)	274.6	282.0	253.6	273.9	281.4	272.1	276.7	200.0	273.0
95% CI									
Upper	373.5	387.6	386.9	440.6	371.8	373.5	545.4	620.9	383.0
Lower	359.5	370.7	367.2	409.4	343.8	324.5	459.5	474.3	374.6

Table 11A.3

Table 11A.3	Incidence rates of breast cancer, five year averages (a) (b)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1994–1998									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	3.1
10–14 years	–	–	0.2	–	–	–	–	–	0.0
15–19 years	–	0.1	0.8	0.6	0.4	–	–	–	0.3
20–24 years	1.5	1.0	1.5	1.8	1.5	1.2	–	–	1.4
25–29 years	6.8	7.8	7.3	8.2	7.5	12.1	6.1	4.4	7.4
30–34 years	25.5	26.6	28.4	24.5	32.9	31.2	29.7	16.8	26.9
35–39 years	56.0	56.7	58.9	61.4	55.7	58.2	54.1	68.2	57.4
40–44 years	118.9	114.2	105.4	113.3	121.9	112.7	119.1	117.2	114.8
45–49 years	190.6	184.3	188.7	180.6	187.8	168.1	198.0	170.4	186.9
50–54 years	254.9	257.9	229.6	225.8	276.4	254.7	278.6	167.0	249.9
55–59 years	282.7	288.3	263.8	284.1	286.7	287.3	292.9	228.5	281.2
60–64 years	300.5	310.7	283.2	321.7	281.7	266.6	299.5	192.5	299.0
65–69 years	314.8	335.4	293.7	340.5	304.6	296.6	316.4	204.0	317.0
70–74 years	307.3	332.1	328.5	293.3	282.8	253.9	383.8	162.2	312.8
75–79 years	332.1	340.8	334.3	339.7	331.6	336.0	308.5	250.5	335.0
80–84 years	302.7	354.3	311.6	318.8	350.2	256.2	310.5	75.6	321.9
85+ years	280.1	317.5	331.5	323.6	297.9	291.0	294.9	185.9	304.1
All ages									
ASR (Aust)	112.7	116.2	109.6	112.7	114.1	107.5	117.7	81.9	113.0
95% CI									
Upper	114.4	118.1	112.0	115.9	117.5	113.2	126.7	95.0	113.9
Lower	111.1	114.1	107.1	109.2	110.8	101.5	108.9	69.5	111.9
Ages 50–69									
ASR (Aust)	282.8	291.2	261.7	282.4	285.3	273.4	293.7	195.4	280.8
95% CI									
Upper	288.9	298.5	270.0	294.0	298.0	295.8	326.0	241.4	284.3
Lower	276.6	284.1	252.9	270.3	272.2	249.5	261.7	152.1	277.2

Table 11A.3

Table 11A.3	Incidence rates of breast cancer, five year averages (a) (b)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1995–1999									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	0.1	–	–	–	–	–	–	3.1
10–14 years	–	–	0.2	–	–	–	–	–	0.0
15–19 years	–	0.1	0.8	0.6	0.4	–	–	–	0.3
20–24 years	1.8	1.4	1.3	1.8	1.6	1.3	–	–	1.5
25–29 years	6.0	8.3	6.7	8.4	7.1	8.5	6.1	6.4	7.1
30–34 years	25.3	27.6	27.3	24.8	32.5	30.0	25.2	11.9	26.7
35–39 years	56.2	55.4	60.0	63.7	57.7	58.0	58.5	61.5	57.7
40–44 years	115.9	118.3	109.1	109.6	114.9	106.1	124.1	108.6	114.4
45–49 years	186.6	185.3	181.3	181.6	186.4	148.6	170.1	142.6	183.1
50–54 years	250.7	259.2	235.3	239.7	274.5	263.5	269.2	159.7	250.9
55–59 years	285.6	282.9	278.4	291.1	299.2	283.2	303.7	218.9	285.1
60–64 years	298.7	303.8	303.6	326.2	299.9	266.5	309.8	221.2	302.3
65–69 years	305.1	329.7	305.0	325.4	305.1	251.8	335.3	197.2	311.7
70–74 years	309.7	319.1	324.1	284.8	275.1	245.7	348.8	234.5	307.8
75–79 years	321.5	328.8	325.4	338.1	331.0	312.1	263.2	275.9	325.3
80–84 years	296.3	342.9	324.3	332.6	340.5	243.4	306.3	138.4	318.6
85+ years	276.6	320.7	317.7	320.1	322.0	266.3	274.1	257.5	302.9
All ages									
ASR (Aust)	111.3	115.1	111.3	113.5	114.8	102.6	114.4	83.7	112.4
95% CI									
Upper	112.6	116.2	116.0	114.5	118.6	106.4	126.8	106.9	113.3
Lower	109.2	112.6	111.4	108.2	111.9	95.5	109.5	80.0	111.4
Ages 50–69									
ASR (Aust)	280.0	287.7	273.9	287.3	292.0	267.3	298.9	195.3	281.9
95% CI									
Upper	285.7	294.7	282.4	300.1	304.1	287.3	329.5	236.5	285.6
Lower	273.6	280.3	265.1	275.7	279.2	246.1	268.7	153.6	278.4

Table 11A.3

Table 11A.3	Incidence rates of breast cancer, five year averages (a) (b)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1996–2000									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	0.3	0.8	0.9	–	–	–	–	0.3
20–24 years	1.7	1.3	1.1	1.5	2.1	1.3	–	–	1.4
25–29 years	6.2	7.8	7.0	8.3	4.9	6.1	6.0	8.5	6.9
30–34 years	25.5	28.0	24.3	29.4	29.4	23.7	28.5	9.4	26.4
35–39 years	56.4	55.3	60.8	64.6	61.1	49.9	53.9	62.7	58.0
40–44 years	116.4	119.7	110.7	104.4	120.1	102.9	112.9	109.0	114.8
45–49 years	181.7	181.6	181.9	177.7	193.8	156.6	168.6	144.0	181.0
50–54 years	248.3	251.8	237.4	237.2	279.2	253.0	299.1	184.4	249.2
55–59 years	289.7	283.0	286.4	283.4	309.8	261.6	320.2	252.7	287.9
60–64 years	303.2	313.5	323.1	316.8	305.6	299.7	325.5	221.7	310.5
65–69 years	301.0	327.3	322.9	331.7	312.7	253.3	367.1	207.8	314.4
70–74 years	312.1	328.0	337.1	275.5	262.5	267.1	311.4	324.4	311.6
75–79 years	312.5	319.4	320.7	330.5	298.9	292.5	294.4	302.6	315.0
80–84 years	290.8	328.0	328.0	322.8	328.2	231.3	312.8	125.4	311.0
85+ years	280.6	320.7	306.2	295.5	314.8	257.8	296.6	400.0	299.8
All ages									
ASR (Aust)	110.9	114.5	113.6	111.5	115.4	101.2	118.0	93.1	112.4
95% CI									
Upper	112.6	116.4	116.1	114.7	118.7	107.1	126.0	106.8	113.3
Lower	109.3	112.4	111.3	108.2	112.1	95.7	109.2	80.0	111.5
Ages 50–69									
ASR (Aust)	280.5	286.9	284.1	283.5	299.0	265.4	322.5	214.7	284.3
95% CI									
Upper	286.7	293.7	292.2	295.0	311.1	286.7	353.8	257.6	288.0
Lower	273.9	280.3	275.9	271.5	286.7	244.3	290.0	171.7	280.7

Table 11A.3

Table 11A.3 Incidence rates of breast cancer, five year averages (a) (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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(a) ASR = Age standardised rates. Rates are expressed per 100 000 woman years. Data for years 1993 to 2000 are age standardised to the Australian 1991 population standard. Data for 2001 are age standardised to the Australian 2001 population standard.

(b) CI = confidence interval.

– Nil or rounded to zero.

Source: AIHW (unpublished).

Table 11A.4

Table 11A.4 **BreastScreen Australia: Scope of services provided in each jurisdiction, 2002**

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

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

(b) Screens are also provided for residents of south eastern NSW but those figures are not included in this Report.

(c) Not all jurisdictions perform open biopsies, however, all jurisdictions do perform fine needle aspiration biopsy and core biopsies as part of their assessment services.

Source: State and Territory governments.

Table 11A.5

Table 11A.5	Expenditure on breast cancer screening (current dollars)									
	<i>Aust Govt. (a, b)</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT (d, f)</i>	<i>Aust</i>
1998-99 (g)										
Direct expenditure	5 133 327	26 130 350	17 750 984	14 926 419	7 665 400	6 263 003	2 512 671	1 861 466	1 020 502	83 264 122
Overhead and programwide expenses	na	5 798 589	1 116 445	476 206	na	na	476 519	96 774	79 849	8 044 382
Total public health	5 133 327	31 928 939	18 867 429	15 402 625	7 665 400	6 263 003	2 989 191	1 958 240	1 100 351	91 308 504
Total public health per person	na	4.92	3.98	4.32	4.09	4.16	6.34	6.21	5.63	4.77
1999-2000										
Direct expenditure	2 086 273	31 025 830	17 882 438	16 028 352	7 557 922	6 886 739	2 229 926	1 967 367	1 038 183	86 703 031
Overhead and programwide expenses	na	5 815 239	1 124 666	2 958 011	na	187 165	332 451	49 476	43 697	10 510 705
Total public health	2 086 273	36 841 070	19 007 104	18 986 363	7 557 922	7 073 905	2 562 377	2 016 843	1 081 880	97 213 737
Total public health per person	na	5.60	3.96	5.23	3.98	4.68	5.43	6.32	5.47	5.01

Table 11A.5

Table 11A.5	Expenditure on breast cancer screening (current dollars)									
	<i>Aust Govt. (a, b)</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT (d, f)</i>	<i>Aust</i>
2000-01										
Direct expenditure	2 614 478	26 753 290	18 193 172	16 468 916	7 464 900	7 508 870	2 881 221	2 263 860	930 544	85 079 251
Overhead and programwide expenses	732 866	5 366 320	686 472	3 677 813	na	318 660	238 494	na	19 037	11 039 662
Total public health	3 347 344	32 119 610	18 879 644	20 146 729	7 464 900	7 827 530	3 119 715	2 263 860	949 581	96 118 913
Total public health per person	na	4.84	3.87	5.43	3.87	5.15	6.60	7.03	4.80	4.89

- (a) Total for the Australian Government excludes Public Health Outcome Funding Agreements (PHOFA) grants to the States, part of which is used to fund breast cancer screening activities. BreastScreen in each jurisdiction is a joint initiative funded by both the jurisdiction government and the Australian Government under the PHOFA.
- (b) The Australian Government figure is for total direct and overhead expenditure and is made up of direct project expenditure, statistical and other program support, population health nongrant program costs and running costs. This expenditure by the Australian Government excludes PHOFA grants to the States.
- (c) Victorian data for 1998–99 includes depreciation.
- (d) Expenditure by Tasmania and the NT is reported on a cash basis for all years.
- (e) ACT data includes expenditure on BreastScreen and the Cancer Registry.
- (f) NT data for direct expenditure include public health information systems, disease surveillance and epidemiological analysis, public health communication and advocacy, public health policy, program and legislation development and public health workforce development.
- (g) Expenditure by most jurisdictions in 1998-99 was reported on a cash basis.
- na Not available.

Sources: AIHW 2002, National Public Health Expenditure Report 1999-2000 (Health and Welfare Expenditure Series), AIHW, Canberra; AIHW (unpublished) for 2000–01.

Table 11A.6

Table 11A.6 **Number of women screened by BreastScreen Australia, by age, first and subsequent screening rounds**

	<i>NSW (a)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1998								
<40 years	100	na	228	27	na	na	na	na
40–44 years	25 392	6 453	16 717	3 859	3 475	2 006	na	na
45–49 years	37 879	11 695	22 768	9 188	7 187	3 422	2 972	na
50–54 years	51 400	40 983	30 734	15 333	14 420	4 517	na	na
55–59 years	43 679	32 135	23 291	12 071	11 165	3 713	na	na
60–64 years	37 763	28 147	18 640	10 367	10 182	3 077	na	na
65–69 years	33 841	25 174	16 529	8 563	8 797	2 563	7 532	na
70–74 years	25 806	19 076	10 332	2 399	3 327	810	na	na
75–79 years	10 643	4 177	5 226	946	1 198	317	na	na
80–84 years	3 302	773	1 635	238	311	68	504	na
85+ years	723	177	395	36	48	15	8	na
Not stated	–	–	–	–	–	–	–	na
50–69 years	166 683	126 439	89 194	46 334	44 564	13 870	7 526	na
40+ years	270 428	168 790	146 267	63 000	60 110	20 508	11 016	na
1999								
<40 years	49	na	131	57	na	na	na	na
40–44 years	22 987	6 189	15 909	3 975	3 333	1 437	na	na
45–49 years	36 405	11 206	23 144	8 112	6 698	2 927	3 007	na
50–54 years	52 318	45 284	30 945	14 063	15 532	4 291	na	na
55–59 years	44 746	32 879	24 702	11 945	13 081	3 753	na	na
60–64 years	39 054	27 715	20 382	10 204	11 380	3 256	na	na
65–69 years	33 639	23 897	17 155	8 439	9 559	2 735	8 736	na
70–74 years	26 507	19 045	12 490	2 179	3 205	633	na	na
75–79 years	13 315	4 342	6 690	871	1 110	282	na	na
80–84 years	4 158	644	2 045	172	256	61	505	na
85+ years	866	165	469	33	40	7	8	na
Not stated	–	–	–	–	–	–	–	na
50–69 years	169 757	129 775	93 184	44 651	49 552	14 035	8 736	na
40+ years	273 995	171 366	153 931	59 993	64 194	19 382	12 256	na

Table 11A.6

Table 11A.6 **Number of women screened by BreastScreen Australia, by age, first and subsequent screening rounds**

	<i>NSW (a)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
<40 years	57	na	38	10	na	na	–	–
40–44 years	22 620	5 590	16 559	3 737	3 611	1 573	830	406
45–49 years	37 175	10 700	24 111	8 096	7 035	3 266	1 986	731
50–54 years	52 628	44 232	34 352	16 528	17 082	5 047	3 212	1 356
55–59 years	45 818	33 786	27 308	12 965	12 436	4 058	2 320	774
60–64 years	39 413	30 206	21 807	11 379	10 970	3 475	1 589	393
65–69 years	32 892	25 366	17 775	9 122	9 144	2 835	1 062	241
70–74 years	26 886	20 866	13 063	2 512	3 475	701	287	162
75–79 years	14 619	5 480	6 273	992	1 374	281	118	60
80–84 years	4 352	843	1 975	213	315	59	24	22
85+ years	997	163	499	37	52	19	10	3
Not stated	–	–	–	–	–	–	–	–
50–69 years	170 751	133 590	101 242	49 994	49 632	15 415	8 183	2 764
40+ years	277 400	177 232	163 722	65 581	65 494	21 314	11 438	4 148
2001								
<40 years	44	–	23	22	–	–	–	–
40–44 years	22 906	5 429	17 240	4 084	3 458	1 388	887	452
45–49 years	38 151	10 082	25 297	8 710	6 772	2 861	1 876	741
50–54 years	55 515	46 286	34 636	17 849	17 096	4 478	3 258	1 220
55–59 years	49 560	40 366	28 857	14 527	14 562	3 944	2 487	914
60–64 years	42 384	32 326	23 089	12 303	12 421	3 488	1 835	548
65–69 years	35 553	26 429	18 610	9 819	9 960	2 893	1 321	283
70–74 years	28 762	21 007	14 486	2 714	3 607	1 155	299	156
75–79 years	17 445	5 657	6 480	1 094	1 475	355	132	62
80–84 years	5 810	874	2 122	263	361	76	42	33
85+ years	1 286	221	491	68	62	15	7	2
Not stated	–	–	–	–	–	–	–	–
50–69 years	183 012	145 407	105 192	54 498	54 039	14 853	8 901	2 965
40+ years	297 372	188 677	171 308	71 431	69 774	20 703	12 144	4 411

Table 11A.6

Table 11A.6 **Number of women screened by BreastScreen Australia, by age, first and subsequent screening rounds**

	NSW (a)	Vic	Qld	WA	SA	Tas	ACT	NT
2002								
<40 years	45	3	16	6	–	–	–	–
40–44 years	22 375	5 728	17 828	3 544	3 165	1 451	320	321
45–49 years	38 022	10 465	26 189	7 936	6 579	2 931	1 340	711
50–54 years	54 616	44 984	36 197	17 611	17 412	4 689	3 458	1 241
55–59 years	51 145	39 063	32 517	14 853	14 669	4 665	2 905	890
60–64 years	41 334	32 171	24 873	11 950	11 405	3 551	1 915	475
65–69 years	34 283	26 884	19 364	9 671	9 724	2 914	1 373	262
70–74 years	27 557	21 699	14 915	2 706	3 463	1 563	297	159
75–79 years	17 450	5 728	4 097	1 088	1 725	332	141	64
80–84 years	5 941	843	956	283	383	83	36	33
85+ years	1 288	149	233	53	46	10	4	5
Not stated	–	–	–	–	–	–	–	–
50–69 years	181 378	143 102	112 951	54 085	53 210	15 819	9 651	2 868
40+ years	294 011	187 714	177 169	69 695	68 571	22 189	11 789	4 161

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

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

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

Table 11A.7

Table 11A.7 Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals (a) (b)

AR-DRGs	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	
<i>1999-2000</i>											
J06A	Major procedures for malignant breast conditions	No. separations	1 978.0	1 615.0	1 130.0	630.0	583.0	119.0	107.0	29.0	6 191.0
		Separations/10 000	3.1	3.4	3.2	3.4	3.9	2.5	3.4	1.5	3.2
J07A	Minor procedures for malignant breast conditions	No. separations	963.0	613.0	396.0	145.0	279.0	72.0	73.0	14.0	2 555.0
		Separations/10 000	1.5	1.3	1.1	0.8	1.9	1.5	2.4	0.7	1.3
J10Z	Skin, subcutaneous tissue and breast plastic O.R. procedures	No. separations	2 001.0	1 527.0	1 472.0	682.0	829.0	130.0	93.0	38.0	6 772.0
		Separations/10 000	3.1	3.2	4.2	3.6	5.5	2.8	3.0	2.0	3.6
J11Z	Other skin, subcutaneous tissue and breast procedures	No. separations	9 753.0	7 677.0	10 035.0	3 426.0	4 992.0	822.0	502.0	237.0	37 444.0
		Separations/10 000	15.2	16.2	28.4	18.3	33.4	17.5	16.2	12.2	19.7
J62A	Malignant breast disorders age>69 w CC	No. separations	129.0	128.0	55.0	27.0	55.0	9.0	1.0	–	404.0
		Separations/10 000	0.2	0.3	0.2	0.1	0.4	0.2	–	na	0.2
J62B	Malignant breast disorders (age<70 w CC) or (age>69 w/o CC)	No. separations	359.0	604.0	265.0	84.0	116.0	70.0	80.0	9.0	1 587.0
		Separations/10 000	0.6	1.3	0.7	0.4	0.8	1.5	2.6	0.5	0.8
J62C	Malignant breast disorders age<70 w/o CC	No. separations	112.0	395.0	108.0	140.0	57.0	37.0	30.0	1.0	880.0
		Separations/10 000	0.2	0.8	0.3	0.7	0.4	0.8	1.0	0.1	0.5
	Total separations in public hospitals	No. separations	1 203 497.0	972 704.0	677 433.0	354 982.0	350 599.0	74 298.0	60 518.0	56 865.0	3 750 896.0
		Separations/10 000	1 871.2	2 052.9	1 915.2	1 897.1	2 343.3	1 578.1	1 952.3	2 926.4	1 968.9

Table 11A.7

Table 11A.7 Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals (a) (b)

AR-DRGs	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	
2000-01											
J06A	Major procedures for malignant breast conditions	No. separations	1 528.0	1 288.0	791.0	555.0	566.0	88.0	107.0	24.0	4 947.0
		Separations/10 000	2.3	2.7	2.2	2.9	3.8	1.9	3.4	1.2	2.6
J07A	Minor procedures for malignant breast conditions	No. separations	1 057.0	759.0	486.0	281.0	245.0	54.0	66.0	13.0	2 961.0
		Separations/10 000	1.6	1.6	1.3	1.5	1.6	1.1	2.1	0.7	1.5
J10Z	Skin, subcutaneous tissue and breast plastic O.R. procedures	No. separations	1 795.0	1 516.0	1 362.0	687.0	851.0	121.0	107.0	53.0	6 492.0
		Separations/10 000	2.7	3.1	3.8	3.6	5.7	2.6	3.4	2.7	3.3
J11Z	Other skin, subcutaneous tissue and breast procedures	No. separations	9 099.0	8 403.0	9 559.0	3 371.0	5 306.0	729.0	467.0	227.0	37 161.0
		Separations/10 000	13.9	17.4	26.3	17.7	35.3	15.5	14.9	11.5	19.2
J62A	Malignant breast disorders age>69 w CC	No. separations	162.0	217.0	42.0	32.0	50.0	8.0	8.0	–	519.0
		Separations/10 000	0.2	0.4	0.1	0.2	0.3	0.2	0.3	na	0.3
J62B	Malignant breast disorders (age<70 w CC) or (age>69 w/o CC)	No. separations	353.0	682.0	208.0	75.0	127.0	35.0	14.0	–	1 494.0
		Separations/10 000	0.5	1.4	0.6	0.4	0.8	0.7	0.4	–	0.8
J62C	Malignant breast disorders age<70 w/o CC	No. separations	128.0	404.0	88.0	60.0	57.0	13.0	6.0	4.0	760.0
		Separations/10 000	0.2	0.8	0.2	0.3	0.4	0.3	0.2	0.2	0.4
	Total separations in public hospitals	No. separations	1 197 213.0	995 835.0	660 153.0	355 579.0	347 233.0	70 158.0	60 304.0	58 111.0	3 744 586.0
		Separations/10 000	1 832.7	2 062.2	1 819.7	1 861.9	2 311.2	1 491.9	1 914.8	2 941.0	1 931.5

Table 11A.7

Table 11A.7 **Separations and separation rates for selected AR-DRGs related to breast cancer, public hospitals (a) (b)**

<i>AR-DRGs</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>
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(a) AR-DRGs = Australian revised diagnosis related groups.

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

w=with; wo=without; cc=complications and comorbidities

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

Source: AIHW 2001, *Australian Hospital Statistics 2000-01*, <http://www.aihw.gov.au/publications/hse/ahs99-00/ahs99-00-xd1001.xls> (accessed 19 Sept 2003).

Table 11A.8

Table 11A.8 **Interval cancer rate for women, by age, per 10 000 women screened (a) (c) (e)**

	<i>NSW (g)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1996 (b)								
<i>First screening round, 0–12 months following screening</i>								
Asymptomatic								
40–49 years	9.7	5.2	8.9	5.3	5.6	–	9.6	–
50–59 years	6.9	5.9	1.8	7.0	8.7	5.8	–	–
60–69 years	6.9	4.8	3.2	2.3	3.5	–	30.9	–
70 + years	6.1	3.9	3.1	–	–	–	–	–
All ages	7.5	5.2	3.8	4.4	5.5	2.3	10.6	–
50–69 years ASR	6.9	5.5	2.4	5.0	6.5	3.4	12.8	–
Symptomatic (d)								
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	–	–	–	–
<i>Subsequent screening round, 0–12 months following screening</i>								
Asymptomatic								
40–49 years	6.5	2.7	3.1	10.4	4.3	3.5	–	–
50–59 years	8.3	8.4	4.9	4.4	5.7	4.6	8.4	–
60–69 years	5.2	6.1	5.5	7.1	8.4	5.8	7.1	–
70 + years	8.5	2.6	7.8	–	–	–	–	–
All ages	7.0	5.9	5.1	5.8	5.5	4.1	5.3	–
50–69 years ASR	6.9	7.5	5.2	5.5	6.8	5.1	7.9	–
Symptomatic								
40–49 years	na	–	–	–	–	–	–	–
50–59 years	na	13.8	51.2	–	–	58.1	–	–
60–69 years	na	59.9	22.5	–	–	–	–	–
70 + years	na	–	–	–	–	–	–	–
All ages	na	22.0	26.2	–	–	22.7	–	–
50–69 years	na	33.0	39.2	–	–	33.1	–	–

Table 11A.8

Table 11A.8 **Interval cancer rate for women, by age, per 10 000 women screened (a) (c) (e)**

	<i>NSW (g)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1997 (f)								
0–12 months following screening								
<i>First screening round</i>								
40–49 years	10.6	6.3	4.4	8.7	2.7	6.1	8.9	na
50–59 years	8.7	7.5	7.3	7.8	10.2	na	na	na
60–69 years	5.9	9.5	4.3	5.5	–	na	na	na
70 + years	5.8	7.6	2.4	–	–	30.8	–	na
40+ years (f)	8.0	7.8	5.3	6.4	4.5	na	na	na
50–69 years (f)	7.5	8.3	6.1	6.8	6.0	na	na	na
<i>Subsequent screening round</i>								
40–49 years	10.5	9.0	3.1	5.3	20.7	10.7	20.4	na
50–59 years	8.0	7.0	8.1	10.4	8.8	na	7.9	na
60–69 years	8.6	4.8	5.5	8.9	6.8	na	16.5	na
70 + years	4.6	5.0	4.4	10.1	4.4	16.1	–	na
40+ years (f)	8.2	6.6	5.9	8.9	10.2	na	11.9	na
50–69 years (f)	8.2	6.1	7.0	9.8	8.0	na	11.5	na
13–24 months following screening								
<i>First screening round</i>								
40–49 years	13.1	15.3	9.8	8.8	19.8	12.3	9.0	na
50–59 years	13.2	13.6	19.4	10.5	8.5	–	9.9	na
60–69 years	9.5	11.1	16.3	16.6	4.3	–	34.8	na
70 + years	18.6	5.0	17.3	29.1	–	–	–	na
40+ years (f)	12.8	12.2	16.3	14.2	8.6	2.5	15.4	na
50–69 years (f)	11.7	12.6	18.1	13.0	6.8	–	20.3	na
<i>Subsequent screening round</i>								
40–49 years	11.2	7.2	10.7	4.5	23.6	3.6	–	na
50–59 years	13.3	14.4	12.9	8.1	14.3	1.8	10.6	na
60–69 years	11.3	14.5	13.2	8.8	14.9	8.6	12.4	na
70 + years	8.5	13.1	8.9	–	13.4	96.6	24.4	na
40+ years (f)	11.7	12.8	12.0	6.5	16.3	15.8	10.6	na
50–69 years (f)	12.5	14.4	13.0	8.4	14.5	4.6	11.3	na

Table 11A.8

Table 11A.8 **Interval cancer rate for women, by age, per 10 000 women screened (a) (c) (e)**

	NSW (g)	Vic	Qld	WA	SA	Tas	ACT	NT
1998								
<i>0–12 months following screening</i>								
<i>First screening round</i>								
40–49 years	5.2	4.2	4.0	4.7	7.1	4.4	8.0	na
50–59 years	8.1	8.3	5.0	4.0	18.2	–	–	na
60–69 years	7.7	9.1	4.1	4.7	5.6	13.1	–	na
70 + years	11.1	15.0	2.4	–	–	–	–	na
40+ years ASR	7.8	8.5	4.2	3.8	10.1	4.5	1.7	na
50–69 years ASR	7.9	8.6	4.6	4.3	13.0	5.4	–	na
<i>Subsequent screening round</i>								
40–49 years	8.8	14.5	6.3	15.0	13.8	5.8	–	na
50–59 years	9.7	6.9	6.2	9.5	7.7	10.7	7.5	na
60–69 years	8.2	7.6	7.9	6.7	8.8	8.0	18.4	na
70 + years	5.9	5.2	5.7	–	2.6	11.4	26.6	na
40+ years ASR	8.6	8.5	6.6	8.7	8.6	9.0	11.4	na
50–69 years ASR	9.1	7.2	6.9	8.3	8.2	9.6	12.0	na
<i>13–24 months following screening</i>								
<i>First screening round</i>								
40–49 years	9.5	15.2	10.0	6.4	17.0	8.7	–	na
50–59 years	11.0	15.1	13.6	6.0	9.9	21.2	19.3	na
60–69 years	7.7	20.4	15.7	14.5	11.3	39.3	–	na
70 + years	9.5	18.8	9.9	–	19.0	–	–	na
40+ years ASR	9.6	17.1	13.0	7.7	12.9	21.0	7.5	na
50–69 years ASR	9.6	17.3	14.5	9.5	10.5	28.7	11.3	na
<i>Subsequent screening round</i>								
40–49 years	11.7	9.7	10.2	11.1	11.4	14.6	17.5	na
50–59 years	13.8	12.3	17.2	11.1	7.7	21.4	25.0	na
60–69 years	9.2	13.4	19.7	9.4	12.3	10.0	4.6	na
70 + years	7.3	11.8	16.4	9.8	15.8	11.4	26.6	na
40+ years ASR	11.3	12.0	16.4	10.5	10.8	15.6	18.0	na
50–69 years ASR	11.9	12.8	18.3	10.4	9.6	16.7	16.5	na
1999								
<i>0–12 months following screening</i>								
<i>First screening round</i>								
40–49 years	6.7	10.0	7.2	7.4	6.2	13.1	–	18.9
50–59 years	7.7	6.8	9.1	6.0	8.2	16.0	10.4	na
60–69 years	7.1	5.8	11.4	8.9	6.6	41.8	–	na
70 + years	15.8	11.0	6.2	–	–	–	–	na
40+ years ASR	8.3	7.7	9.0	6.3	6.3	20.6	4.1	na
50–69 years ASR	7.5	6.4	10.1	7.2	7.5	26.7	6.1	na
<i>Subsequent screening round</i>								
40–49 years	7.8	3.2	6.9	9.0	15.5	3.5	11.4	18.9
50–59 years	6.0	7.0	8.8	6.3	12.9	10.3	8.8	7.8
60–69 years	6.4	7.1	5.5	4.0	2.6	7.3	7.1	na
70 + years	4.7	5.0	8.2	19.6	2.5	27.0	–	na
40+ years ASR	6.3	6.0	7.4	7.9	9.3	10.1	7.8	na
50–69 years ASR	6.2	7.0	7.4	5.3	8.6	9.1	8.1	na

Table 11A.8 **Interval cancer rate for women, by age, per 10 000 women screened**
(a) (c) (e)

	NSW (g)	Vic	Qld	WA	SA	Tas	ACT	NT
<i>13–24 months following screening</i>								
<i>First screening round</i>								
40–49 years	na	9.1	14.4	4.5	6.6	6.5	–	–
50–59 years	na	10.0	18.9	17.9	20.5	–	21.0	–
60–69 years	na	20.1	13.1	20.6	6.9	–	44.2	–
70 + years	na	11.0	15.8	43.7	–	–	102.0	–
40+ years ASR	na	12.7	16.0	19.1	11.3	1.3	33.2	–
50–69 years ASR	na	14.2	16.5	19.0	14.8	–	30.6	–
<i>Subsequent screening round</i>								
40–49 years	na	16.0	16.4	2.1	18.0	14.1	5.8	na
50–59 years	na	12.7	14.9	15.6	14.7	14.7	13.3	21.5
60–69 years	na	14.7	16.5	15.1	7.2	–	3.6	na
70 + years	na	10.4	11.2	15.4	5.5	–	–	57.8
40+ years ASR	na	13.7	15.2	12.6	12.2	8.7	7.4	na
50–69 years ASR	na	13.5	15.6	15.4	11.6	8.6	9.3	na

- (a) 'Asymptomatic' includes women without symptoms and women with symptoms other than breast lump and/or blood stained or watery nipple discharge. 'Symptomatic' includes women with breast lump and/or blood stained or watery nipple discharge. Symptomatic women who attend early for rescreen and are diagnosed with breast cancer are included. Women with a strong family history of breast cancer are not included in 12–24 month calculations as they are screened annually.
- (b) Data for 1996 are sourced from AIHW 2000d, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. No. CAN 8: Australian Institute of Health and Welfare (Cancer Series Number 13), Canberra. Rates for 50–69 years are age-standardised to the Australian population of women attending a BreastScreen service in 1998.
- (c) Rates are expressed per 10 000 women screened.
- (d) 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.
- (e) The numbers used to measure this indicator are small resulting in large variations from year to year. It is reasonable to view this indicator over time rather than from one year to the next.
- (f) Crude rates.
- (g) NSW data for 1996 include symptomatic and asymptomatic.
– Nil or rounded to zero. **na** Not available.

Source: State and Territory governments; AIHW 2000b, *BreastScreen Australia Achievement Report: 1997 and 1998*, AIHW Cat. no. CAN 8: Australian Institute of Health and Welfare (Cancer Series Number 13), Canberra.

Table 11A.9

Table 11A.9 **Rate of cancers detected without the need for open biopsies, all women (per cent)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
First round	78.0	88.0	72.3	87.5	91.8	71.4	93.0	40.0
Subsequent round	80.0	88.0	75.0	91.8	85.4	58.6	95.0	69.0
All rounds	80.0	88.0	74.3	90.9	86.9	60.4	95.0	61.0
2001								
First round	84.0	90.0	76.2	92.0	88.9	57.9	100.0	100.0
Subsequent round	80.0	91.0	75.4	92.0	90.3	65.7	92.0	64.0
All rounds	81.0	91.0	75.6	92.0	90.0	64.5	93.0	67.0
2002								
First round	84.0	94.0	71.2	85.0	91.0	92.3	100.0	100.0
Subsequent round	82.0	91.0	72.2	92.0	92.0	93.3	93.0	90.0
All rounds	82.0	92.0	72.0	90.0	92.0	93.2	94.0	92.9

Source: State and Territory governments.

Table 11A.10

Table 11A.10		Cost per woman screened (a)							
	Unit	NSW (b) (c)	Vic	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT
1998-99									
Labour costs	\$'000	na	7 784.0	9 213.6	2 595.4	na	842.0	na	na
Materials and supplies	\$'000	na	3 950.0	2 085.3	600.4	na	–	na	na
Accommodation	\$'000	na	542.0	347.3	266.8	na	–	na	na
Other recurrent	\$'000	na	4 562.0	2 993.1	2 677.5	na	384.0	na	na
Depreciation & amortization	\$'000	na	411.0	na	na	na	149.0	na	na
User cost of capital	\$'000	na	–	na	na	na	–	na	na
Other costs	\$'000	na	–	na	396.3	na	1 031.0	na	na
Total cost	\$'000	na	17 249.0	14 639.3	6 536.4	na	2 406.0	na	na
Number of women screened	no.	na	171 312.0	149 088.0	58 810.0	na	19 847.0	na	na
Cost per woman screened	\$	90.9	101.0	98.2	111.1	98.6	121.2	na	na
1999-2000									
Labour costs	\$'000	14 183.0	7 860.0	9 450.0	3 413.5	na	889.0	1 048.0	na
Materials and supplies	\$'000	1 216.0	4 819.0	2 228.0	821.4	na	na	410.0	na
Accommodation	\$'000	541.0	570.0	413.0	247.4	na	na	270.0	na
Other recurrent	\$'000	5 596.0	4 921.0	3 937.0	3 193.3	na	386.0	96.0	na
Depreciation & amortization	\$'000	1 690.0	407.0	–	268.7	na	213.0	168.0	na
User cost of capital	\$'000	500.0	na	–	–	na	na	58.0	na
Other costs	\$'000	–	na	–	–	na	1 167.0	–	na
Total cost	\$'000	23 726.0	18 577.0	16 028.0	7 944.2	na	2 655.0	1 992.0	na
Number of women screened	no.	280 829.0	179 488.0	160 500.0	63 661.0	65 134.0	20 518.0	12 112.0	na
Cost per woman screened	\$	84.5	103.0	99.9	124.8	101.2	129.4	164.5	na

Table 11A.10

Table 11A.10		Cost per woman screened (a)							
	Unit	NSW (b) (c)	Vic	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT
2000-01									
Labour costs	\$'000	15 811.0	8 305.0	10 705.0	2 842.8	3 116.0	884.0	1 115.0	na
Materials and supplies	\$'000	1 327.0	5 069.0	1 825.0	388.1	2 455.0	na	279.0	na
Accommodation	\$'000	539.0	609.0	495.0	340.7	342.0	na	143.0	na
Other recurrent	\$'000	7 619.0	5 153.0	3 443.0	4 200.7	156.0	279.0	121.0	na
Depreciation & amortization	\$'000	1 563.0	462.0	1 254.0	257.9	828.0	169.0	112.0	na
User cost of capital	\$'000	442.0	–	627.0	–	185.0	na	49.0	na
Other costs	\$'000	–	–	–	–	–	1 353.0	246.0	na
Total cost	\$'000	27 301.0	19 598.0	18 349.0	8 030.1	7 082.0	2 685.0	2 065.0	na
Number of women screened	no.	283 732.0	186 645.0	168 741.0	69 706.0	67 736.0	20 754.0	11 774.0	na
Cost per woman screened	\$	96.2	105.0	108.7	115.2	104.6	130.6	175.4	na
2001-02									
Labour costs	\$'000	na	8 613.0	11 346.0	3 034.4	3 377.0	na	1 297.0	na
Materials and supplies	\$'000	na	5 280.0	2 239.0	470.3	2 176.0	na	325.0	na
Accommodation	\$'000	na	625.0	528.0	489.4	333.0	na	149.0	na
Other recurrent	\$'000	na	5 392.0	4 018.0	4 063.1	169.0	na	155.0	na
Depreciation & amortization	\$'000	na	446.0	1 315.0	271.3	604.0	na	115.0	na
User cost of capital	\$'000	na	–	564.0	–	182.0	na	38.0	na
Other costs	\$'000	na	–	–	–	–	na	179.0	na
Total cost	\$'000	na	20 356.0	20 011.0	8 328.4	6 841.0	na	2 258.0	na
Number of women screened	no.	na	192 070.0	174 464.0	71 404.0	68 105.0	na	11 814.0	na
Cost per woman screened	\$	na	106.0	114.7	116.6	100.5	126.9	191.1	na

Table 11A.10

Table 11A.10	Cost per woman screened (a)								
	Unit	NSW (b) (c)	Vic	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT
2002-03									
Labour costs	\$'000	18 023.0	9 064.0	13 475.0	4 124.7	3 470.0	1 367.0	1 587.0	382 448.0
Materials and supplies	\$'000	1 946.0	5 557.0	1 873.0	479.7	2 359.0	na	352.0	85 207.0
Accommodation	\$'000	403.0	657.0	570.0	465.8	358.0	27.0	155.0	92 343.0
Other recurrent	\$'000	8 632.0	5 675.0	2 794.0	3 593.2	399.0	566.0	174.0	263 171.0
Depreciation & amortization	\$'000	1 033.0	469.0	1 205.0	225.0	307.0	na	99.0	71 779.0
User cost of capital	\$'000	454.0	–	589.0	–	116.0	na	30.0	50 160.0
Other costs	\$'000	–	–	–	–	–	1 387.0	207.0	na
Total cost	\$'000	30 491.0	21 422.0	20 506.0	8 888.4	7 009.0	3 347.0	2 604.0	945 108.0
Number of women screened	no.	288 386.0	188 638.0	177 145.0	70 798.0	68 795.0	23 097.0	11 789.0	4 161.0
Cost per woman screened	\$	105.7	113.6	115.8	125.6	102.0	145.0	221.0	227.0

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

(b) Total expenditure reported does not include actual capital or nonrecurrent expenditure in 2000-01. Expenditure reported does not include subsidisation as an accurate estimation of subsidisation in NSW is not possible. Where screening is contracted out to private radiology practices, expenditure for contracted screens is included in other recurrent costs. State coordination unit expenditure does not include expenditure against 1998-99 Commonwealth Incentive and Demonstration Funding. State coordination unit expenditure does not include expenditure for the development of the BreastScreen Information System.

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

(d) Data for Queensland includes depreciation and user cost of capital for 2000-01 and 2001-02. Both are excluded for 1997-98, 1998-99 and 1999-2000.

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

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

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

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

Source: State and Territory governments.

Table 11A.11

Table 11A.11 **Scope of activities and expenditure items included in cost per woman screened calculations**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Scope of activities covered								
Screen taking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reading x-rays	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biopsies (a)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Assessment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Promotion of program and recruitment of women	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data collection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service management and administration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is the scope of activities limited to BreastScreen only (Does the scope include coordination unit costs, Department of health costs and Australian Government costs)?	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
If not, are costs associated with personnel, buildings and equipment that are used jointly for other activities allocated (for example, pro rata based on direct costs of FTE staffing, activity-based costing or a departmental-based costing formula).	..	..	Yes	Yes	na	No	No	..
Expenditures included								
Are the direct and indirect cost categories outlined below the main drivers of costs (cost centres)?	na	Yes	Yes	Yes	Yes	Yes	Yes	na
Direct costs (costs directly attributable)								
Labour costs								
Salaries and payments in the nature of salaries	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Payroll tax	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Long service leave entitlements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Superannuation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Workers' compensation	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Cost of materials and supplies (including office stationery, film and medical supplies)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accommodation costs (rental costs, as well as energy and lighting)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other recurrent costs (including outsourced pathology services, repairs and maintenance, utility costs and other costs not covered above)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Depreciation and amortisation. Depreciation cost of non current physical assets and the amortization of leases for each of the following categories:	na	Yes	Yes	Yes	Yes	No	Yes	na

Table 11A.11

Table 11A.11 **Scope of activities and expenditure items included in cost per woman screened calculations**

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

(a) Includes both open biopsies, fine needle aspiration biopsies and core biopsies.

FTE=Full time equivalent.

.. Not applicable. **na** Not available.

Source: State and Territory governments.

Table 11A.12

Table 11A.12	Breast conserving surgery to mastectomy (a)							
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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	0	na	na
Over 15mm	na	104	125	35	37	3	9	na
Unknown size								
(invasive)	na	5	2	2	3	0	na	na
DCIS	na	29	40	34	24	1	na	na
Unknown type	na	0	0	0	0	0	0	na
Total	na	229	276	105	89	9	24	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	265	144	74	76	34	7	na
>10mm to 15mm	na	152	122	44	73	21	6	na
Over 15mm	na	125	97	45	51	20	na	na
Unknown size								
(invasive)	na	12	3	5	0	2	0	na
DCIS	na	136	89	33	47	20	5	na
Unknown type	na	0	0	0	3	0	0	na
Total	na	690	455	201	250	97	22	na
Ratio	na	3.0	1.6	1.9	2.8	10.8	0.9	na
1999								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	49	55	22	13	5	8	na
>10mm to 15mm	na	36	60	20	17	5	na	na
Over 15mm	na	86	131	54	30	9	14	na
Unknown size								
(invasive)	na	6	1	0	1	0	0	na
DCIS	na	32	40	24	24	3	6	na
Unknown type	na	0	0	0	0	0	0	na
Total	na	209	287	120	85	22	31	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	256	188	90	80	17	13	na
>10mm to 15mm	na	172	143	67	69	17	10	na
Over 15mm	na	164	129	45	55	16	8	na
Unknown size								
(invasive)	na	9	5	3	6	1	0	na
DCIS	na	125	99	42	42	24	11	na
Unknown type	na	0	0	0	0	0	0	na
Total	na	726	564	247	252	75	42	na
Ratio	na	3.5	2.0	2.1	3.0	3.4	1.4	na

Table 11A.12

Table 11A.12 **Breast conserving surgery to mastectomy (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	na	47	66	18	12	4	na	na
>10mm to 15mm	na	53	53	20	13	2	9	na
Over 15mm	na	115	122	35	48	3	na	na
Unknown size								
(invasive)	na	2	1	1	2	0	0	na
DCIS	na	39	34	33	21	4	na	na
Unknown type	na	na	0	na	na	na	na	na
Total	na	256	276	107	96	13	20	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	na	274	214	76	108	17	16	na
>10mm to 15mm	na	200	155	70	76	12	15	na
Over 15mm	na	177	134	46	66	6	13	na
Unknown size								
(invasive)	na	12	2	0	10	0	0	na
DCIS	na	162	122	60	66	10	10	na
Unknown type	na	na	0	na	na	na	na	na
Total	na	825	627	252	326	45	54	na
Ratio	na	3.2	2.3	2.4	3.4	3.5	2.7	na
2001								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	108	55	50	25	16	1	na	na
>10mm to 15mm	107	33	57	23	11	13	7	na
Over 15mm	195	103	129	55	48	9	10	na
Unknown size								
(invasive)	8	4	1	0	1	1	0	na
DCIS	79	36	30	37	23	2	5	na
Unknown type	na	na	na	na	na	na	na	na
Total	497	231	267	140	99	26	25	na
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	349	252	224	92	109	35	12	na
>10mm to 15mm	263	185	160	68	80	20	11	na
Over 15mm	218	192	141	54	70	13	10	na
Unknown size								
(invasive)	10	18	4	1	3	0	0	na
DCIS	213	184	121	70	56	12	17	na
Unknown type	na	na	na	na	na	na	na	na
Total	1053	831	650	285	318	80	50	na
Ratio	2.1	3.6	2.4	2.1	3.2	3.1	2.0	na

Table 11A.12

Table 11A.12 **Breast conserving surgery to mastectomy (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2002								
Number of women undergoing mastectomy, by cancer type and size								
10mm or less	104	34	64	24	19	2	na	0
>10mm to 15mm	95	25	57	22	17	11	8	0
Over 15mm	218	86	131	61	45	6	9	4
Unknown size (invasive)	0	1	5	0	2	1	0	0
DCIS	69	26	46	41	18	1	4	1
Unknown type	na	na	na	na	na	na	na	na
Total	486	172	303	148	101	21	24	5
Number of women undergoing breast conserving surgery, by cancer type and size								
10mm or less	320	265	234	82	120	29	10	2
>10mm to 15mm	259	181	162	65	73	21	15	3
Over 15mm	212	194	148	55	68	18	6	2
Unknown size (invasive)	10	21	10	0	1	2	0	0
DCIS	185	151	108	79	64	19	10	2
Unknown type	na	na	na	na	na	na	na	na
Total	986	812	662	281	326	89	41	9
Ratio	2.0	4.7	2.2	1.9	3.0	4.0	2.0	na

(a) Rate applies for women of all ages.

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

DCIS = Ductal carcinoma in situ.

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

Source: State and Territory governments.

Table 11A.13

Table 11A.13 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 2001-02 (a)**

AR- DRG 4.2	Units	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
J06A Separations	no.	1 737	1 153	1 078	806	321	113	87	21	5 315
Patient days	no.	7 225	6 149	2 988	2 261	1 459	401	380	123	20 986
ALOS (b)	days	4	5	3	3	5	4	4	6	4
Sample size (c)	no. hospitals	54	30	24	5	12	3	2	2	132
Average cost (d)	\$/DRG	4 873	6 378	4 047	4 627	4 438	4 326	4 532	4 952	4 952
Direct	\$/DRG	3 527	4 994	3 423	3 478	3 287	3 129	3 144	2 907	3 785
Overhead	\$/DRG	1 346	1 384	623	1 149	1 151	1 198	1 388	2 044	1 166
J07A Separations	no.	876	604	323	218	247	56	41	18	2 382
Patient days	no.	1 624	1 165	476	432	482	145	46	28	4 398
ALOS (b)	days	2	2	1	2	2	3	1	2	2
Sample size (c)	no. hospitals	59	26	23	6	12	3	2	2	133
Average cost (d)	\$/DRG	2 368	3 093	2 336	1 913	2 298	2 504	1 563	2 237	2 487
Direct	\$/DRG	1 703	2 383	1 969	1 436	1 735	1 835	1 045	1 432	1 880
Overhead	\$/DRG	665	710	367	476	563	670	518	805	607
J10Z Separations	no.	1 763	1 401	1 370	584	920	120	74	49	6 281
Patient days	no.	2 312	1 824	1 641	1 005	1 342	168	105	79	8 477
ALOS (b)	days	1	1	1	2	1	1	1	2	1
Sample size (c)	no. hospitals	76	36	34	8	14	4	2	5	179
Average cost (d)	\$/DRG	1 974	2 210	1 627	2 157	2 010	2 039	2 536	2 461	1 985
Direct	\$/DRG	1 407	1 659	1 371	1 588	1 453	1 498	1 551	1 504	1 483
Overhead	\$/DRG	567	551	257	569	557	541	985	957	502
J11Z Separations	no.	8 607	8 434	8 869	6 057	4 019	616	283	199	37 084
Patient days	no.	11 103	10 377	10 416	6 738	4 722	933	379	533	45 201
ALOS (b)	days	1	1	1	1	1	2	1	3	1
Sample size (c)	no. hospitals	81	38	35	8	17	4	2	5	190
Average cost (d)	\$/DRG	1 456	1 592	1 104	1 219	1 201	1 621	2 208	2 660	1 351
Direct	\$/DRG	1 052	1 186	837	700	814	1 155	1 297	1 546	954
Overhead	\$/DRG	403	406	267	519	387	466	911	1 113	397
J62A Separations	no.	152	236	62	15	74	13	np	–	554
Patient days	no.	1 574	1 453	521	82	820	96	np	–	4 564
ALOS (b)	days	10	6	8	6	11	7	np	–	8
Sample size (c)	no. hospitals	48	26	18	2	11	3	np	–	110
Average cost (d)	\$/DRG	8 815	4 245	5 090	4 596	5 601	3 391	np	–	5 773
Direct	\$/DRG	5 888	3 130	3 967	3 395	3 789	2 424	np	–	4 062
Overhead	\$/DRG	2 927	1 115	1 123	1 201	1 812	966	np	–	1 711
J62B Separations	no.	408	710	284	76	114	48	13	5	1 658
Patient days	no.	1 635	1 549	632	243	567	315	58	35	5 033
ALOS (b)	days	4	2	2	3	5	7	4	7	3
Sample size (c)	no. hospitals	58	29	24	3	11	7	2	2	136
Average cost (d)	\$/DRG	3 206	1 695	1 440	2 665	2 792	3 175	4 247	5 573	2 217
Direct	\$/DRG	2 293	1 294	1 149	1 868	1 922	2 362	2 860	3 429	1 634
Overhead	\$/DRG	913	400	291	796	869	813	1 387	2 144	583
J62C Separations	no.	128	255	54	42	25	27	np	np	536
Patient days	no.	220	452	82	42	65	45	np	np	912
ALOS (b)	days	2	2	2	1	3	2	np	np	2
Sample size (c)	no. hospitals	33	17	14	2	5	4	np	np	77
Average cost (d)	\$/DRG	1 199	1 032	1 203	701	1 639	682	np	np	1 075
Direct	\$/DRG	840	784	1 026	583	991	498	np	np	801
Overhead	\$/DRG	359	248	177	118	648	184	np	np	274

Table 11A.13 **Selected breast and other cancer AR-DRGs, public sector, population estimated, 2001-02 (a)**

<i>AR-DRG 4.2</i>	<i>Units</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
R63Z Separations	no.	5 578	45 782	26 573	18 946	17 499	2 201	4 941	776	122 296
Patient days	no.	5 740	45 883	26 618	18 946	17 514	2 202	5 046	778	122 727
ALOS (b)	days	1	1	1	1	1	1	1	1	1
Sample size (c)	no. hospitals	42	27	29	6	17	9	2	3	135
Average cost (d)	\$/DRG	881	741	564	741	502	295	755	837	668
Direct	\$/DRG	700	583	501	551	380	256	514	524	528
Overhead	\$/DRG	181	158	63	190	122	39	241	313	140

- (a) Estimated population costs are obtained by weighting the sample results according to the known characteristics of the population.
- (b) ALOS refers to the patients Average Length of Stay.
- (c) The sample size is the number of hospitals contributing to the cost and activity data for each AR-DRG.
- (d) Average cost is affected by a number of factors, some of which are admission practices, sample size, remoteness and the type of hospitals contributing to the collection. Direct comparison between jurisdictions is difficult as there are differences in hospital costing systems.

np Due to privacy concerns where there are separations less than five or where the sample size is one.

Source: Department of Health and Ageing (DHA), National Hospital Cost Data Collection, Round 6.

Table 11A.14

Table 11A.14 **Participation rates of women in BreastScreen Australia, bi-calendar years (a)**

	<i>NSW (b)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (c)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (d)</i>	<i>NT</i>	<i>Aust</i>
1997–1998									
40–44 years	19.5	7.1	23.1	10.4	10.7	19.8	14.9	12.4	15.3
45–49 years	31.6	14.1	34.2	27.2	23.3	38.6	32.9	23.6	26.7
50–54 years	51.1	57.9	51.9	53.8	58.3	58.2	57.2	54.3	54.1
55–59 years	55.1	56.2	53.6	56.2	62.3	61.7	63.0	53.9	56.1
60–64 years	54.2	55.0	53.3	56.5	61.7	59.0	60.3	42.8	55.3
65–69 years	50.6	51.8	50.4	51.7	55.6	53.2	54.9	42.1	51.5
70–74 years	39.1	39.9	34.9	16.9	17.8	16.4	19.0	23.4	33.9
75–79 years	20.3	11.9	22.6	8.5	7.9	7.8	11.5	17.7	15.9
80–84 years	9.2	3.5	10.0	3.0	2.8	2.4	3.7	7.1	6.5
85+ years	2.2	0.9	2.7	0.7	0.5	0.5	1.3	0.4	1.6
40+ years									
ASR	36.2	32.6	38.3	32.9	34.6	38.1	37.0	31.3	35.6
95% CI									
Upper	36.3	32.7	38.4	33.1	34.8	38.4	37.5	32.0	35.7
Lower	36.2	32.5	38.2	32.8	34.5	37.7	36.6	30.6	35.5
Ages 50–69									
ASR	52.7	55.4	52.7	54.6	59.5	58.2	58.9	48.6	54.3
95% CI									
Upper	52.8	55.6	52.9	54.9	59.9	58.8	59.7	49.9	54.4
Lower	52.6	55.2	52.5	54.2	59.2	57.6	58.0	47.4	54.2
1998–1999									
40–44 years	19.7	7.2	24.5	10.6	11.9	19.2	14.8	13.0	na
45–49 years	32.4	14.0	36.5	25.7	25.2	38.0	32.4	25.7	na
50–54 years	50.3	58.6	55.0	52.1	60.4	58.4	58.2	56.1	na
55–59 years	55.0	57.6	57.2	56.5	64.8	62.6	64.2	57.3	na
60–64 years	55.2	57.1	57.7	57.5	65.4	61.3	62.3	52.8	na
65–69 years	51.5	53.3	54.9	52.7	58.4	54.4	57.5	52.6	na
70–74 years	41.5	43.4	39.6	16.2	20.9	16.4	16.9	25.1	na
75–79 years	22.5	11.7	24.7	8.0	5.8	7.9	10.6	na	na
80–84 years	10.7	3.0	11.5	2.7	3.2	2.5	3.2	na	na
85+ years	2.6	0.8	3.1	0.5	0.6	0.5	1.2	na	na
40+ years									
ASR	36.9	33.5	na	32.7	na	na	37.2	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na
Ages 50–69									
ASR	52.9	56.8	56.1	54.6	na	na	60.5	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na

Table 11A.14

Table 11A.14 Participation rates of women in BreastScreen Australia, bi-calendar years (a)									
	NSW (b)	Vic	Qld	WA (c)	SA	Tas	ACT (d)	NT	Aust
1999–2000									
40–44 years	17.9	6.7	24.0	10.3	11.9	16.2	13.8	12.6	na
45–49 years	32.1	13.4	37.0	23.3	24.7	35.4	32.6	25.7	na
50–54 years	48.1	60.4	56.2	51.6	64.1	58.7	57.9	56.8	na
55–59 years	55.7	58.6	58.7	55.6	65.2	62.1	63.7	58.2	na
60–64 years	55.9	59.9	60.5	57.7	66.2	62.5	63.2	54.3	na
65–69 years	50.8	55.7	57.3	53.5	59.9	56.4	56.6	51.7	na
70–74 years	39.9	47.1	44.3	16.1	21.6	14.8	16.4	37.6	na
75–79 years	28.4	13.4	26.2	7.6	9.0	7.1	8.5	na	na
80–84 years	12.6	na	12.3	2.5	3.2	2.3	2.5	na	na
85+ years	2.2	na	3.3	0.5	0.5	0.5	1.2	na	na
40+ years									
ASR	37.0	34.6	42.3	32.1	36.5	na	na	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na
Ages 50–69									
ASR	52.9	58.8	58.1	54.5	63.9	na	na	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na
2000–2001									
40–44 years	17.7	6.1	24.1	12.2	11.8	15.7	13.1	12.6	na
45–49 years	31.7	12.5	37.9	23.0	24.5	34.8	30.5	25.0	na
50–54 years	48.7	58.3	56.5	52.9	64.3	58.1	54.9	53.2	na
55–59 years	54.1	62.0	59.2	56.5	65.1	62.0	60.2	54.9	na
60–64 years	55.4	62.3	60.5	59.0	67.1	62.2	60.3	55.1	na
65–69 years	52.5	58.5	59.0	55.9	61.6	58.7	54.4	49.0	na
70–74 years	43.9	48.9	47.2	17.4	23.0	19.9	15.5	41.7	na
75–79 years	28.7	14.9	25.3	8.4	10.1	8.0	7.4	na	na
80–84 years	13.4	3.5	11.7	2.9	3.6	2.5	3.2	na	na
85+ years	3.3	0.8	3.2	0.7	0.6	0.7	1.0	na	na
40+ years									
ASR	37.7	35.2	42.6	33.1	37.9	37.8	35.1	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na
Ages 50–69									
ASR	52.3	60.2	58.5	55.7	64.6	60.1	57.4	53.3	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na

Table 11A.14

Table 11A.14 **Participation rates of women in BreastScreen Australia, bi-calendar years (a)**

	NSW (b)	Vic	Qld	WA (c)	SA	Tas	ACT (d)	NT	Aust
2001-2002									
40-44 years	17.6	6.1	24.0	9.7	10.9	14.8	9.0	11.3	na
45-49 years	31.9	12.2	38.1	22.4	23.5	32.7	25.0	24.3	na
50-54 years	48.8	57.2	55.1	52.5	63.5	54.5	55.0	48.1	na
55-59 years	55.9	62.4	61.1	56.5	66.0	63.0	61.7	56.2	na
60-64 years	55.5	62.1	60.8	57.4	66.8	61.3	61.8	52.4	na
65-69 years	53.6	59.4	59.7	55.9	63.3	59.3	59.0	48.3	na
70-74 years	44.3	49.8	49.0	17.5	23.2	29.5	15.6	39.1	na
75-79 years	31.1	14.9	20.1	8.4	11.3	8.7	8.0	23.1	na
80-84 years	18.1	3.3	8.1	3.0	3.7	2.8	3.4	17.1	na
85+ years	3.3	0.7	2.1	0.7	0.6	0.5	0.6	na	na
40+ years									
ASR	38.4	35.1	42.4	32.4	37.8	37.6	34.2	na	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na
Ages 50-69									
ASR	53.0	60.0	58.7	55.2	64.8	59.1	59.0	51.2	na
95% CI									
Upper	na	na	na	na	na	na	na	na	na
Lower	na	na	na	na	na	na	na	na	na

(a) Rates are expressed as the percentage of the eligible female population. Rates for '40 plus years' and '50-69 years' for 1997-1998 to 1999-2000 are age standardised to the 1991 Australian population standard. Rates for 2000-2001 and 2001-2002 are standardised to the 2001

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

(c) WA used June 1998 Estimated Resident Population (ERP) as denominator for 1998-99 and June 1999 ERP as denominator for 1999-2000.

(d) For the ACT, 2000 ERP is based on the 1996 Census where 2001 ERP is based on the 2001 Census.

ASR = age standardised rate. CI = confidence interval.

.. Not applicable. **na** Not available.

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

Table 11A.15

Table 11A.15 **Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)**

	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
1997–1998								
Indigenous (f)								
Aged 40–49 years	16.3	na	27.9	15.0	12.0	20.2	16.0	na
Aged 50–69 years	32.8	na	45.5	41.9	42.0	39.9	44.0	na
Aged 70 + years	19.3	na	na	15.8	11.0	6.7	8.0	na
Age 40+ years (ASR)	na	na	na	27.5	na	na	25.0	na
Age 50–69 years (ASR)	na	na	na	42.0	na	na	44.0	na
NESB (g)								
Aged 40–49 years	17.4	9.6	32.7	18.5	16.0	11.9	26.0	na
Aged 50–69 years	44.6	54.0	61.2	55.5	54.6	34.3	58.0	na
Aged 70 + years	18.2	25.4	na	8.0	8.5	5.7	11.0	na
Age 40+ years (ASR)	na	na	na	32.9	na	na	38.0	na
Age 50–69 years (ASR)	na	na	na	55.5	na	na	58.0	na
Metropolitan or capital city (all women) (h)								
Aged 40–49 years	24.6	9.8	24.8	16.9	16.3	25.0	24.0	na
Aged 50–69 years	52.0	54.3	49.1	52.6	57.2	56.1	59.0	na
Aged 70 + years	21.6	26.5	na	8.2	8.2	5.6	12.0	na
Age 40+ years (ASR)	na	na	na	31.3	na	na	37.0	na
Age 50–69 years (ASR)	na	na	na	52.6	na	na	59.0	na
Rural and remote or rest of State (all women) (i)								
Aged 40–49 years	28.2	12.8	34.1	24.1	18.7	31.2	na	na
Aged 50–69 years	56.4	62.4	57.0	64.6	66.2	56.3	na	na
Aged 70 + years	23.8	31.7	na	12.5	12.1	8.8	na	na
Age 40+ years (ASR)	na	na	na	40.2	na	na	na	na
Age 50–69 years (ASR)	na	na	na	64.5	na	na	na	na
1998–1999								
Indigenous (f)								
Aged 40–49 years	16.7	na	33.4	15.2	14.0	19.8	20.0	na
Aged 50–69 years	35.1	na	54.4	42.7	43.0	42.5	52.0	na
Aged 70 + years	19.3	na	na	11.4	13.0	6.7	14.0	na
Age 40+ years (ASR)	na	na	na	27.2	na	na	30.0	na
Age 50–69 years (ASR)	na	na	na	42.8	na	na	52.0	na
NESB (g)								
Aged 40–49 years	18.5	9.7	35.5	17.3	16.6	12.3	26.0	na
Aged 50–69 years	46.7	57.2	65.6	56.0	57.7	33.8	59.0	na
Aged 70 + years	20.2	28.5	na	7.6	9.7	6.6	9.0	na
Age 40+ years (ASR)	na	na	na	32.7	na	na	39.0	na
Age 50–69 years (ASR)	na	na	na	56.1	na	na	59.0	na
Metropolitan or capital city (all women) (h)								
Aged 40–49 years	25.3	9.9	27.0	16.1	17.6	25.0	24.0	na
Aged 50–69 years	52.1	55.8	53.5	51.4	60.3	58.6	61.0	na
Aged 70 + years	23.2	27.9	na	7.3	9.4	7.6	10.0	na
Age 40+ years (ASR)	na	na	na	30.4	na	na	37.0	na
Age 50–69 years (ASR)	na	na	na	51.6	na	na	61.0	na
Rural and remote or rest of State (all women) (i)								
Aged 40–49 years	28.3	12.7	35.2	23.1	20.8	30.7	na	na
Aged 50–69 years	57.3	63.7	59.8	63.8	68.2	58.6	na	na
Aged 70 + years	25.4	33.6	na	12.8	13.3	9.0	na	na
Age 40+ years (ASR)	na	na	na	39.7	na	na	na	na
Age 50–69 years (ASR)	na	na	na	63.9	na	na	na	na

Table 11A.15

Table 11A.15 **Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)**

	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas	ACT	NT
1999–2000								
Indigenous (f)								
Aged 40–49 years	13.4	8.0	27.8	11.8	15.3	16.6	21.9	10.4
Aged 50–59 years	26.6	53.0	48.3	34.2	40.9	59.1	49.0	25.2
Aged 60–69 years	32.8	43.0	44.8	38.2	43.7	na	47.0	21.0
Aged 70–79 years	8.2	38.0	23.8	15.1	15.8	na	37.0	na
Aged 80+ years	2.9	–	na	2.5	na	3.4	–	na
Age 40+ years (ASR)	20.3	na	35.6	23.1	27.3	na	34.0	na
Age 50–69 years (ASR)	29.1	na	46.6	36.7	42.3	na	48.0	na
NESB (g)								
Aged 40–49 years	18.5	9.0	35.1	14.4	15.5	10.3	na	na
Aged 50–59 years	46.7	62.0	62.8	46.9	50.5	28.1	na	na
Aged 60–69 years	49.6	59.0	69.9	50.2	57.8	na	na	na
Aged 70–79 years	29.0	32.0	36.3	9.7	11.6	na	na	na
Aged 80+ years	6.1	2.0	4.7	0.7	1.4	4.5	na	na
Age 40+ years (ASR)	29.2	na	47.5	32.3	30.8	na	na	na
Age 50–69 years (ASR)	42.7	na	66.2	56.2	54.0	na	na	na
Metropolitan or capital city (all women) (h)								
Aged 40–49 years	24.0	9.0	27.7	14.9	17.2	23.6	na	6.3
Aged 50–59 years	49.8	57.0	54.2	49.6	63.7	61.2	na	24.6
Aged 60–69 years	51.4	55.0	56.5	52.5	62.2	60.5	na	19.8
Aged 70–79 years	33.8	30.0	34.8	10.4	13.9	10.8	na	na
Aged 80+ years	7.3	2.0	7.9	1.1	1.7	1.1	na	na
Age 40+ years (ASR)	36.6	na	38.8	29.7	35.7	na	na	na
Age 50–69 years (ASR)	50.8	na	55.2	51.0	63.0	na	na	na
Rural and remote or rest of State (all women) (i)								
Aged 40–49 years	27.1	12.0	33.7	20.8	20.7	26.8	na	16.9
Aged 50–59 years	56.4	66.0	60.9	59.7	67.0	60.3	na	44.1
Aged 60–69 years	58.8	65.0	61.2	62.7	65.9	59.2	na	37.1
Aged 70–79 years	36.8	36.0	37.2	18.1	21.1	11.2	na	na
Aged 80+ years	8.6	3.0	8.1	2.6	2.5	1.7	na	na
Age 40+ years (ASR)	40.5	na	45.1	37.5	39.5	na	na	na
Age 50–69 years (ASR)	56.7	na	61.0	61.1	66.5	na	na	na
2000–2001								
Indigenous (f)								
Aged 40–49 years	13.5	7.0	26.2	9.6	13.4	16.3	15.0	15.8
Aged 50–59 years	31.9	55.0	49.5	31.8	41.6	66.2	35.0	37.4
Aged 60–69 years	33.8	46.0	47.6	42.2	47.4	na	39.0	38.1
Aged 70–79 years	19.7	46.0	24.1	21.3	19.0	na	–	na
Aged 80+ years	4.3	1.0	na	4.4	na	6.9	26.0	na
Age 40+ years (ASR)	22.4	32.1	35.2	22.8	na	na	23.5	na
Age 50–69 years (ASR)	32.6	51.4	48.8	35.9	43.9	na	36.6	37.7
NESB (g)								
Aged 40–49 years	17.6	9.0	37.0	14.5	15.6	9.9	26.6	na
Aged 50–59 years	40.6	65.0	63.9	49.5	48.5	28.9	56.0	na
Aged 60–69 years	45.0	66.0	72.2	53.1	60.1	na	59.0	na
Aged 70–79 years	26.3	36.0	38.5	10.8	12.7	na	9.2	na
Aged 80+ years	4.9	2.0	5.3	1.4	1.6	5.5	2.5	na
Age 40+ years (ASR)	29.1	37.8	48.7	29.6	31.2	na	36.4	na
Age 50–69 years (ASR)	42.3	65.4	67.2	50.9	53.1	na	57.2	na
Metropolitan or capital city (all women) (h)								
Aged 40–49 years	24.4	9.0	28.9	15.6	17.3	22.9	21.7	10.9
Aged 50–59 years	50.7	58.0	56.4	63.7	63.6	63.4	57.0	41.0
Aged 60–69 years	53.0	58.0	58.3	56.3	63.4	61.7	57.8	41.2
Aged 70–79 years	36.6	31.0	35.7	11.8	14.9	13.9	11.7	na
Aged 80+ years	8.3	2.0	8.1	1.5	2.0	1.5	2.2	na
Age 40+ years (ASR)	37.3	33.8	41.2	34.6	36.9	38.2	35.1	na
Age 50–69 years (ASR)	51.6	58.0	57.1	60.8	63.5	62.7	57.3	41.1

Table 11A.15 **Participation rates of women screened by BreastScreen Australia, by special needs groups (first and subsequent rounds) (per cent) (a)**

	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas	ACT	NT
Rural and remote or rest of State (all women) (i)								
Aged 40–49 years	26.8	11.0	33.8	18.7	19.9	27.4	..	26.8
Aged 50–59 years	57.9	66.0	62.0	56.7	67.7	63.0	..	68.3
Aged 60–69 years	61.3	66.0	63.1	61.1	67.6	62.4	..	66.4
Aged 70–79 years	39.7	37.0	38.7	17.9	23.0	14.7	..	na
Aged 80+ years	10.1	3.0	7.5	2.7	2.7	1.9	..	na
Age 40+ years (ASR)	42.1	39.0	45.6	35.5	40.8	39.9	na	na
Age 50–69 years (ASR)	59.2	66.0	62.4	58.4	67.7	62.8	na	67.6
2001–2002								
Indigenous (f)								
Aged 40–49 years	17.6	7.3	28.4	9.5	10.0	12.0	8.5	9.5
Aged 50–59 years	37.8	42.7	48.4	28.7	37.8	38.6	31.4	24.3
Aged 60–69 years	46.6	41.3	48.1	35.2	39.8	25.4	56.7	26.8
Aged 70–79 years	20.5	33.0	20.5	19.6	15.1	10.2	–	19.7
Aged 80+ years	3.9	1.0	2.2	3.3	5.8	6.3	12.5	na
Age 40+ years (ASR)	27.8	26.2	34.5	20.3	23.4	21.1	22.5	na
Age 50–69 years (ASR)	41.3	42.1	48.3	31.3	38.6	33.4	41.4	25.3
NESB (g)								
Aged 40–49 years	19.1	7.0	37.8	15.1	15.6	16.0	21.0	na
Aged 50–59 years	44.0	51.3	64.2	55.6	62.5	40.4	62.8	na
Aged 60–69 years	46.7	53.3	76.6	57.7	62.3	53.2	82.7	na
Aged 70–79 years	28.5	26.5	39.9	10.4	1.0	15.7	13.7	na
Aged 80+ years	6.0	1.5	4.0	1.4	na	1.2	1.8	na
Age 40+ years (ASR)	31.2	29.8	49.9	32.2	na	28.3	41.2	na
Age 50–69 years (ASR)	45.1	52.1	69.1	56.4	62.4	45.4	70.7	na
Metropolitan or capital city (all women) (h)								
Aged 40–49 years	24.0	8.5	29.4	15.0	16.1	21.9	16.8	9.8
Aged 50–59 years	50.5	58.0	55.5	53.2	63.7	60.2	57.8	34.0
Aged 60–69 years	52.7	58.9	58.4	54.9	63.9	62.4	60.6	34.2
Aged 70–79 years	37.2	31.8	34.7	12.0	15.6	18.5	11.9	20.8
Aged 80+ years	9.2	1.9	5.6	1.5	2.0	1.4	2.1	5.5
Age 40+ years (ASR)	37.2	33.9	40.8	31.3	36.7	37.8	34.2	22.0
Age 50–69 years (ASR)	51.4	58.4	56.6	53.9	63.8	61.1	58.9	34.1
Rural and remote or rest of State (all women) (i)								
Aged 40–49 years	25.7	10.2	32.9	18.2	19.5	24.7	..	15.0
Aged 50–59 years	56.3	63.5	61.1	57.5	67.2	58.5	..	44.3
Aged 60–69 years	59.9	65.7	62.9	73.2	68.4	60.0	..	67.7
Aged 70–79 years	40.6	37.0	37.2	17.9	23.1	20.6	..	na
Aged 80+ years	10.6	2.4	4.8	3.1	3.0	2.0	..	na
Age 40+ years (ASR)	41.2	37.9	44.6	37.7	40.7	38.1	na	na
Age 50–69 years (ASR)	57.7	64.4	61.8	63.7	67.7	59.1	na	53.5

(a) The participation rate is the number of women resident in the catchment area screened in the reference period, divided by the number of women resident in the catchment area in the reference period based on Australian Bureau of Statistics (ABS) ERP data. Where service boundaries cross State localised areas, calculation of resident women to be made on a proportional basis. If a woman is screened more than once during the reference period then only the first screen is counted. Catchment area: a geographic region based on service size in relation to the population, accessibility and the location of other services. It is uniquely defined for each service based on postcode or Statistical Local Area (SLA). Reference period is 24 months.

(b) NSW Indigenous rates only include women resident in NSW. The Indigenous rates are expressed as a percentage of 1996 Census population. NSW NESB rates only include women resident in NSW. The NESB rates are expressed as a percentage of 1996 Census population. NSW metropolitan and rest of State rates only include women resident in NSW. The rate in 1999–2000 expressed as percentage of estimated population in 1999 (ERP 2000 not available).

(c) Indigenous rates for Victoria for 1999–2000 and 2000–01 are expressed as a percentage of the 1996 Census population.

(d) For Indigenous women in Queensland the 70–79 category includes all women aged over 70 years.

(e) 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.

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

(g) NESB is defined as persons who speak a language other than English at home.

(h) 'Metropolitan' includes 'capital city' (State and Territory capital city statistical divisions) and 'other metropolitan centre' (one or more statistical subdivisions that have an urban centre with a population of 100 000 or more).

(i) Rural and remote' includes 'large rural centre' (SLAs where most of the population resides in urban centres with a population of 25 000 or more), 'small rural centre' (SLAs in rural zones containing urban centres with populations between 10 000 and 24 999), 'other rural area' (all remaining SLAs in the rural zone), 'remote centre' (SLAs in the remote zone containing populations of 5000 or more) and 'other remote area' (all remaining SLAs in the remote zone).

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

Source: State and Territory governments.

Table 11A.16

Table 11A.16 **Breast cancer detection rate, by BreastScreen Australia (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
Invasive cancers								
<i>First round</i>								
40–44 years	12.7	26.6	15.2	26.6	17.0	–	38.0	–
45–49 years	25.0	43.3	40.6	44.0	31.7	50.9	17.0	–
50–54 years	53.9	44.4	41.4	46.5	60.6	62.7	76.0	61.1
55–59 years	61.2	62.9	56.2	43.4	106.3	29.2	50.0	76.3
60–64 years	54.8	76.9	95.3	56.5	169.5	89.3	159.0	–
65–69 years	77.2	97.1	103.1	109.6	162.5	64.1	–	–
70–74 years	91.1	183.1	146.6	127.7	121.5	250.0	–	–
75–79 years	95.3	208.7	174.0	117.0	41.0	–	417.0	na
80–84 years	129.0	343.3	255.3	208.3	540.5	–	–	na
85 + years	153.8	333.3	253.2	–	–	–	–	na
40 + years ASR	51.9	na	78.4	64.0	na	55.0	69.0	na
50–69 years ASR	59.9	na	72.2	61.6	na	61.0	72.3	na
Not stated	na	na	–	–	–	na	–	–
<i>Subsequent round</i>								
40–44 years	13.0	9.3	10.9	6.7	8.0	12.2	–	–
45–49 years	16.4	27.2	27.7	15.5	37.7	22.4	50.0	21.3
50–54 years	30.2	27.3	34.4	33.1	37.3	23.5	59.0	23.2
55–59 years	40.7	45.7	38.2	31.5	51.3	32.3	42.0	46.7
60–64 years	43.5	57.3	54.7	50.6	50.4	55.4	55.0	–
65–69 years	46.3	55.0	56.7	55.3	52.4	37.3	71.0	48.1
70–74 years	63.3	61.5	66.3	48.2	58.9	112.7	81.0	70.4
75–79 years	48.7	61.8	67.0	97.2	97.3	135.1	–	na
80–84 years	72.1	82.0	74.7	–	83.0	–	–	na
85 + years	69.3	97.1	47.6	–	263.2	–	–	na
40 + years ASR	33.2	na	39.8	32.3	na	39.0	39.1	na
50–69 years ASR	38.2	na	45.3	41.4	na	37.0	56.8	na
Not stated	na	na	–	–	–	na	–	–
DCIS								
<i>First round</i>								
40–44 years	5.5	8.9	7.6	8.9	4.2	–	19.0	–
45–49 years	8.7	27.1	6.2	16.9	–	17.0	34.0	–
50–54 years	5.7	11.3	7.1	34.1	11.4	12.5	–	–
55–59 years	13.4	18.9	21.1	32.5	26.6	29.2	–	–
60–64 years	14.9	28.3	12.7	14.1	15.4	–	–	–
65–69 years	10.5	11.4	12.4	–	18.1	–	–	na
70–74 years	17.1	11.4	15.4	–	40.5	–	–	–
75–79 years	31.8	48.2	–	–	41.0	–	–	na
80–84 years	–	42.9	85.1	208.3	135.1	–	–	na
85 + years	–	166.7	–	–	–	–	–	na
40 + years ASR	10.5	na	12.6	21.2	na	7.0	8.6	na
50–69 years ASR	10.9	na	13.1	21.1	na	11.0	–	na
Not stated	na	na	–	–	–	na	–	–

Table 11A.16

Table 11A.16 **Breast cancer detection rate, by BreastScreen Australia (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
<i>Subsequent round</i>								
40–44 years	5.0	–	4.1	–	8.0	–	–	–
45–49 years	9.3	11.6	2.8	5.8	8.9	7.5	7.0	21.3
50–54 years	7.2	9.4	5.4	6.8	14.4	9.4	12.0	11.6
55–59 years	10.8	8.8	14.3	17.4	15.9	13.5	19.0	–
60–64 years	9.6	6.1	9.6	15.0	14.5	9.2	7.0	60.4
65–69 years	5.0	14.4	13.0	18.4	9.3	18.7	10.0	–
70–74 years	12.3	12.5	11.9	21.9	24.8	16.1	–	–
75–79 years	9.7	16.5	14.5	12.2	17.7	–	108.0	na
80–84 years	5.1	–	23.0	–	–	–	–	na
85 + years	–	–	–	–	–	–	–	na
40 + years ASR	7.9	na	8.5	9.7	na	8.0	13.4	na
50–69 years ASR	8.5	na	10.3	14.0	na	12.0	11.9	na
Not stated	na	na	–	–	–	na	–	–
2001								
Invasive cancers								
<i>First round</i>								
40–44 years	21.2	31.9	20.4	23.9	23.2	–	–	–
45–49 years	33.3	42.2	37.9	27.0	35.2	15.2	33.0	–
50–54 years	52.4	42.9	50.5	39.5	35.0	55.2	44.0	27.0
55–59 years	51.2	81.6	68.4	48.9	94.3	107.1	50.0	–
60–64 years	84.1	90.2	89.2	56.6	95.7	191.4	275.0	–
65–69 years	70.1	80.6	90.7	52.4	153.8	287.8	–	–
70–74 years	99.2	180.9	115.2	368.9	58.1	–	–	–
75–79 years	180.0	271.2	234.1	111.1	119.8	138.9	–	na
80–84 years	89.1	221.2	96.6	–	166.7	–	1 250.0	na
85 + years	137.9	253.2	322.6	–	–	–	–	na
40 + years ASR	62.5	80.9	72.4	71.8	74.3	102.4	73.8	na
50–69 years ASR	62.5	70.7	71.5	48.2	86.9	144.0	88.1	8.8
Not stated	na	na	–	–	–	na	–	–
<i>Subsequent round</i>								
40–44 years	11.5	9.6	22.9	6.3	15.3	–	31.0	–
45–49 years	14.9	16.4	22.1	12.2	24.4	31.8	28.0	22.2
50–54 years	23.8	31.3	33.4	37.6	35.1	24.0	31.0	23.5
55–59 years	45.9	31.5	41.2	45.1	44.5	48.5	31.0	25.6
60–64 years	46.7	45.0	55.5	51.6	58.3	61.0	46.0	83.5
65–69 years	51.1	47.8	56.6	54.1	51.9	43.6	96.0	83.0
70–74 years	55.8	51.0	61.3	60.7	72.8	118.7	150.0	–
75–79 years	53.3	72.5	45.9	164.1	160.6	176.7	92.0	na
80–84 years	78.0	123.5	78.3	202.0	66.4	163.9	–	na
85 + years	52.3	70.4	139.9	–	526.3	1 250.0	3 333.0	na
40 + years ASR	36.5	35.6	42.1	44.5	47.6	51.4	59.0	na
50–69 years ASR	39.9	37.6	44.8	45.9	45.9	42.3	47.0	48.9
Not stated	na	na	–	–	–	na	–	–

Table 11A.16

Table 11A.16 **Breast cancer detection rate, by BreastScreen Australia (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
DCIS								
<i>First round</i>								
40–44 years	4.4	2.3	3.1	8.0	18.6	–	18.0	–
45–49 years	13.9	9.6	6.3	16.9	22.0	15.2	16.0	–
50–54 years	12.0	20.7	15.4	19.7	9.3	–	15.0	–
55–59 years	13.7	17.6	11.9	57.0	–	–	–	–
60–64 years	11.4	35.5	21.2	56.6	–	47.8	–	–
65–69 years	12.7	26.9	30.2	34.9	30.8	–	–	–
70–74 years	20.9	24.7	31.4	123.0	–	–	–	–
75–79 years	37.5	18.1	16.7	55.6	–	–	–	na
80–84 years	–	–	96.6	–	–	–	–	na
85 + years	–	–	–	–	–	–	–	na
40 + years ASR	13.3	20.3	17.5	41.8	10.3	9.0	6.7	na
50–69 years ASR	12.4	24.4	18.7	40.5	9.0	10.6	4.9	–
Not stated	na	na	–	–	–	na	–	–
<i>Subsequent round</i>								
40–44 years	–	9.6	1.3	–	7.7	–	31.0	–
45–49 years	7.3	10.3	4.2	10.4	8.9	9.1	24.0	–
50–54 years	10.1	7.5	8.4	9.0	11.7	8.0	8.0	–
55–59 years	9.1	9.5	7.1	6.8	10.2	5.4	22.0	–
60–64 years	10.2	12.2	11.6	16.6	8.3	12.2	17.0	–
65–69 years	8.9	13.2	7.7	20.5	13.5	10.9	32.0	–
70–74 years	11.9	8.1	9.6	12.1	20.4	18.3	–	–
75–79 years	11.1	11.8	13.6	32.8	7.6	–	92.0	na
80–84 years	5.7	15.4	20.9	50.5	–	–	–	na
85 + years	34.9	–	23.3	–	–	–	2 500.0	na
40 + years ASR	8.8	10.0	7.8	12.0	11.0	8.6	25.3	na
50–69 years ASR	9.6	10.2	8.6	12.3	10.9	8.8	18.3	–
Not stated	na	na	–	–	na	na	–	–
2002								
Invasive cancers								
<i>First round</i>								
40–44 years	20.1	25.2	23.3	9.0	26.3	48.7	–	–
45–49 years	30.4	31.7	51.4	28.9	24.1	16.5	–	45.9
50–54 years	41.8	42.6	38.9	50.3	57.1	15.7	46.0	31.3
55–59 years	69.0	56.1	61.9	45.7	101.9	100.3	133.0	–
60–64 years	76.3	87.2	101.7	176.3	184.2	108.7	–	227.2
65–69 years	82.6	123.4	103.1	73.9	262.0	–	–	–
70–74 years	82.0	154.2	162.3	119.0	177.0	–	–	–
75–79 years	165.3	81.0	142.9	354.0	175.4	–	–	–
80–84 years	45.9	209.4	128.2	–	312.5	–	–	–
85 + years	423.7	204.1	377.4	–	–	–	–	–
40 + years ASR	61.6	71.5	75.7	79.6	119.3	42.8	33.0	46.2
50–69 years ASR	64.4	71.7	71.2	81.6	136.7	55.1	49.4	60.4
Not stated	na	–	–	–	–	na	–	–

Table 11A.16

Table 11A.16 **Breast cancer detection rate, by BreastScreen Australia (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
<i>Subsequent round</i>								
40–44 years	12.3	–	15.9	7.5	31.7	63.5	75.0	–
45–49 years	14.9	41.7	29.1	17.4	20.0	17.2	47.0	20.3
50–54 years	31.1	22.4	32.5	31.5	33.6	29.6	18.0	21.7
55–59 years	40.4	42.5	49.9	42.8	41.8	43.5	60.0	12.4
60–64 years	52.0	42.7	44.7	44.1	53.5	59.4	33.0	23.2
65–69 years	56.6	47.2	59.5	65.7	83.2	78.4	61.0	42.4
70–74 years	53.8	53.7	63.1	59.1	47.8	59.0	72.0	69.9
75–79 years	58.7	74.5	77.6	112.8	80.7	–	86.0	178.6
80–84 years	67.2	61.3	125.0	85.5	125.4	277.8	–	–
85 + years	59.8	100.0	–	555.6	262.2	–	2 500.0	–
40 + years ASR	38.6	37.5	43.7	42.3	46.4	47.5	52.4	29.7
50–69 years ASR	43.1	36.9	45.0	43.9	49.8	49.3	40.6	23.7
Not stated	na	–	–	–	–	na	–	–
<i>DCIS</i>								
<i>First round</i>								
40–44 years	6.0	10.5	2.9	13.6	10.5	–	–	–
45–49 years	8.6	12.3	12.8	10.9	9.6	33.1	–	–
50–54 years	14.2	13.7	17.3	28.8	19.9	31.3	31.0	31.3
55–59 years	14.1	10.5	15.5	22.8	51.0	–	–	–
60–64 years	31.0	30.8	4.4	82.3	78.9	–	–	–
65–69 years	26.4	20.6	12.9	55.5	–	–	–	–
70–74 years	11.7	11.9	25.0	–	–	–	–	–
75–79 years	36.7	40.5	40.8	–	–	–	–	–
80–84 years	45.9	–	–	–	156.3	–	–	–
85 + years	–	–	188.7	–	1 250.3	–	–	–
40 + years ASR	17.6	16.7	14.3	32.1	30.6	11.0	6.7	6.8
50–69 years ASR	20.3	18.0	13.1	44.3	37.1	10.2	10.1	10.2
Not stated	na	–	–	–	–	na	–	–
<i>Subsequent round</i>								
40–44 years	5.6	–	4.0	–	7.9	–	–	–
45–49 years	4.7	8.3	5.0	17.4	4.4	4.3	–	–
50–54 years	6.8	9.2	8.5	10.8	11.2	9.9	14.0	10.8
55–59 years	9.6	5.5	6.8	13.3	10.8	6.9	15.0	12.4
60–64 years	9.7	8.6	11.9	12.6	5.4	3.0	6.0	–
65–69 years	6.4	11.0	10.1	23.0	8.4	14.3	23.0	–
70–74 years	10.1	10.1	6.4	27.6	29.9	19.7	–	–
75–79 years	12.2	7.6	11.1	41.0	31.0	67.8	–	–
80–84 years	14.5	–	12.5	–	31.3	–	–	–
85 + years	8.5	–	55.6	–	–	–	–	–
40 + years ASR	7.8	7.8	8.1	15.3	11.1	9.9	9.5	4.5
50–69 years ASR	8.1	8.5	9.1	14.2	9.3	8.5	14.2	6.7
Not stated	na	–	–	–	–	na	–	–

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

na Not available. – Nil or rounded to zero.

ASR Age standardised rate.

Source: State and Territory governments.

Table 11A.17

Table 11A.17 **Rate of detection of small diameter (15mm or less) invasive cancers, BreastScreen Australia, all rounds of screening (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
Rate per 10 000 women screened (b)								
40–44 years	8.4	12.5	6.6	8.0	2.8	6.4	12.0	–
45–49 years	11.0	21.5	19.1	14.8	19.9	21.4	25.0	13.7
50–54 years	21.7	20.8	23.0	23.0	26.3	19.8	40.0	7.4
55–59 years	27.3	33.7	27.5	23.9	32.2	27.1	39.0	51.8
60–64 years	24.1	38.1	44.0	37.8	39.2	51.8	50.0	–
65–69 years	32.2	37.8	43.3	42.7	42.6	31.7	47.0	41.5
70–74 years	41.7	45.5	42.9	47.7	43.2	85.6	35.0	61.7
75–79 years	41.0	49.3	49.4	50.3	65.5	35.6	85.0	na
80–84 years	55.2	35.6	70.9	–	127.0	–	–	na
85 + years	50.2	122.7	60.1	–	–	–	–	na
Total 40+ years ASR	22.5	na	29.7	24.7	na	27.9	33.9	na
50–69 years ASR	25.0	na	33.9	31.4	na	32.2	44.1	na
Not stated	na	–	–	–	1.5	na	–	1.0
2001								
Rate per 10 000 women screened (b)								
40–44 years	11.2	11.1	13.9	9.8	11.6	–	11.0	–
45–49 years	9.4	12.9	14.2	11.5	10.3	24.5	11.0	–
50–54 years	20.8	22.5	22.5	25.8	20.5	31.3	12.0	16.4
55–59 years	31.2	23.5	26.7	26.2	32.3	32.5	28.0	21.8
60–64 years	31.3	30.9	38.1	30.9	41.0	57.3	54.0	18.3
65–69 years	34.8	34.8	40.8	38.7	34.1	41.5	53.0	71.2
70–74 years	40.2	38.6	44.9	62.6	52.7	121.2	67.0	na
75–79 years	44.6	40.7	41.7	109.7	101.7	140.8	–	na
80–84 years	56.7	103.0	56.6	152.1	55.4	–	–	na
85 + years	38.7	90.5	162.9	–	327.9	666.7	–	na
Total 40+ years ASR	26.4	26.1	29.2	31.9	31.4	45.1	30.2	na
50–69 years ASR	28.5	27.0	30.6	29.5	30.7	39.4	33.4	28.9
Not stated	na	na	–	–	4.0	na	–	–
2002								
Rate per 10 000 women screened (b)								
40–44 years	10.3	7.0	11.8	2.8	9.5	27.6	–	–
45–49 years	10.0	17.2	22.1	10.1	13.7	13.6	37.0	–
50–54 years	21.2	15.6	20.2	24.4	22.4	14.9	20.0	16.1
55–59 years	26.0	28.7	30.8	26.3	28.0	34.3	48.0	–
60–64 years	34.6	30.8	32.2	33.5	39.5	45.1	16.0	42.2
65–69 years	40.0	32.4	38.2	46.5	62.7	54.9	44.0	–
70–74 years	37.0	36.4	52.3	29.5	40.4	44.8	34.0	62.9
75–79 years	40.7	52.4	56.1	64.3	69.6	–	–	–
80–84 years	50.5	71.2	94.1	70.7	104.4	120.5	–	–
85 + years	54.3	–	42.9	377.4	217.4	–	2 500.0	–
Total 40+ years ASR	26.4	25.1	30.2	28.1	33.0	31.7	33.0	15.0
50–69 years ASR	29.1	25.6	29.1	31.2	35.5	34.4	31.0	14.6
Not stated	na	–	–	–	6.0	na	–	–

Table 11A.17 **Rate of detection of small diameter (15mm or less) invasive cancers, BreastScreen Australia, all rounds of screening (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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(a) Prior to 2001, small diameter cancers were defined as invasive cancers up to and including 10mm diameter. From 2001 onwards, small cancers are defined as ≤ 15 mm in diameter. In this table rates for the year 2000 use the ≤ 15 mm in diameter definition.

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

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

Source: State and Territory governments.

Table 11A.18

Table 11A.18 **Numbers of detected invasive cancers, by size and round, women aged over 40 years (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2000								
First round								
10mm or less	63	na	63	na	na	na	na	na
11mm to 15mm	63	na	44	na	na	na	na	na
More than 15mm	90	na	86	na	na	na	na	na
Unknown size	4	na	1	na	na	na	na	na
All cancers	220	na	194	na	na	na	na	na
Subsequent round								
10mm or less	332	na	217	na	na	na	na	na
11mm to 15mm	243	na	164	na	na	na	na	na
More than 15mm	297	na	170	na	na	na	na	na
Unknown size	23	na	2	na	na	na	na	na
All cancers	895	na	553	na	na	na	na	na
All rounds								
10mm or less	395	321	280	93	120	35	19	3
11mm to 15mm	306	253	208	89	89	24	24	5
More than 15mm	387	292	256	81	114	19	17	3
Unknown size	27	14	3	–	10	–	–	1
All cancers	1 115	880	747	263	333	78	60	12
2001								
First round								
10mm or less	86	59	50	23	14	7	na	–
11mm to 15mm	75	58	49	13	12	4	na	–
More than 15mm	103	107	67	21	22	5	6	1
Unknown size	10	6	2	–	1	–	–	–
All cancers	274	230	168	57	49	16	10	1
Subsequent round								
10mm or less	383	248	224	94	111	33	14	5
11mm to 15mm	278	160	168	78	79	30	15	2
More than 15mm	306	188	203	89	96	22	13	4
Unknown size	14	18	3	–	3	1	na	–
All cancers	981	614	598	261	289	86	45	11
All rounds								
10mm or less	469	307	274	117	125	40	15	5
11mm to 15mm	353	218	217	91	91	34	18	2
More than 15mm	409	295	270	110	118	27	19	5
Unknown size	24	24	5	–	4	1	na	–
All cancers	1 255	844	766	318	338	102	55	12

Table 11A.18

Table 11A.18 **Numbers of detected invasive cancers, by size and round, women aged over 40 years (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2002								
First round								
10mm or less	78	40	59	19	13	2	na	1
11mm to 15mm	59	32	41	20	22	3	4	–
More than 15mm	118	79	61	29	23	6	na	2
Unknown size	–	5	5	1	2	–	–	–
All cancers	255	156	166	69	60	11	6	3
Subsequent round								
10mm or less	361	259	239	88	125	34	12	1
11mm to 15mm	302	174	178	68	69	32	19	3
More than 15mm	331	201	218	89	90	22	14	3
Unknown size	16	18	10	–	4	4	na	1
All cancers	1 010	652	645	245	288	92	47	8
All rounds								
10mm or less	439	299	298	107	138	36	13	2
11mm to 15mm	361	206	219	88	91	35	23	3
More than 15mm	449	280	279	118	180	28	15	5
Unknown size	16	23	15	1	6	4	na	1
All cancers	1 265	808	811	314	415	103	53	11

(a) Nonbreast malignancies not counted.

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

Source: State and Territory governments.

Table 11A.19

Table 11A.19 **Mortality rates from breast cancer for women, by age (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1993–1997									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.2	0.2	0.2	0.3	–	–	–	–	0.2
25–29 years	0.4	0.8	0.6	0.9	0.4	–	–	–	0.6
30–34 years	3.0	2.1	2.9	1.7	2.8	–	4.6	–	2.5
35–39 years	6.2	8.6	6.6	6.5	8.3	10.7	6.2	2.7	7.2
40–44 years	13.4	16.3	16.6	15.3	20.5	16.1	9.5	15.4	15.5
45–49 years	24.7	27.1	23.6	24.8	26.3	27.7	27.4	37.9	25.5
50–54 years	37.4	46.5	48.8	43.7	40.0	44.4	42.2	50.8	42.9
55–59 years	48.0	52.9	52.9	45.7	46.7	46.5	74.2	63.6	50.2
60–64 years	51.5	55.4	57.4	50.2	59.7	53.1	92.3	121.1	54.9
65–69 years	55.4	49.8	42.7	52.2	52.9	62.7	97.2	76.7	52.1
70–74 years	64.9	79.2	78.7	71.1	63.6	72.3	139.5	112.8	72.4
75–79 years	88.0	101.8	98.1	109.8	84.9	117.3	138.7	87.5	96.0
80–84 years	114.9	119.1	113.0	98.4	107.9	127.7	131.8	330.6	114.5
85 + years	171.0	191.5	193.7	236.6	181.2	200.5	315.0	101.8	188.5
All ages									
ASR (Aust)	21.4	23.9	23.4	23.1	22.5	24.3	32.3	31.6	22.9
95% CI									
Upper	22.2	24.8	24.6	24.6	24.0	27.2	37.5	41.6	23.3
Lower	20.7	23.0	22.4	21.4	20.9	21.5	27.5	23.1	22.4
Ages 50–69									
ASR (Aust)	46.5	50.7	50.7	47.1	48.3	50.1	71.3	74.0	49.1
95% CI									
Upper	49.2	53.7	54.2	52.0	53.6	59.8	87.5	103.5	50.6
Lower	43.8	47.6	46.9	42.1	43.1	40.6	55.7	47.8	47.6

Table 11A.19

Table 11A.19 **Mortality rates from breast cancer for women, by age (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1994–1998									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.1	0.3	–	–	0.4	–	–	–	0.1
25–29 years	0.8	0.7	1.1	1.7	–	–	–	–	0.8
30–34 years	3.7	4.3	3.5	2.0	4.9	5.5	6.2	–	3.8
35–39 years	9.3	13.3	10.7	10.0	10.2	11.5	6.1	5.2	10.6
40–44 years	20.3	20.0	16.5	21.2	19.7	22.5	11.0	11.9	19.4
45–49 years	32.3	34.6	30.8	32.7	32.2	31.7	37.9	10.8	32.5
50–54 years	49.0	50.3	50.1	45.7	42.6	38.9	50.1	41.2	48.4
55–59 years	56.4	64.4	56.6	59.8	58.4	52.1	69.8	8.5	58.7
60–64 years	67.8	78.4	70.0	61.5	72.2	54.2	97.0	101.1	70.9
65–69 years	82.2	88.3	71.6	68.3	82.5	74.8	125.7	73.4	81.1
70–74 years	85.7	97.1	77.3	98.7	94.8	93.2	89.6	133.5	89.5
75–79 years	110.4	125.0	112.6	101.9	128.2	105.0	169.0	83.5	115.9
80–84 years	135.1	143.1	138.5	158.5	140.3	134.3	269.2	74.1	141.3
85 + years	172.8	213.2	212.1	218.4	217.3	177.4	274.8	92.9	199.0
All ages									
ASR (Aust)	27.3	30.4	27.2	27.8	28.7	26.3	36.2	21.5	28.2
95% CI									
Upper	28.1	31.4	28.3	29.4	30.4	29.1	41.0	29.2	28.7
Lower	26.5	29.3	26.0	26.2	27.0	23.3	30.6	13.9	27.8
Ages 50–69									
ASR (Aust)	61.0	66.9	60.0	57.1	60.4	52.8	80.0	51.9	61.8
95% CI									
Upper	63.7	70.5	64.0	62.7	66.3	61.6	96.5	75.8	63.4
Lower	57.9	63.3	56.0	51.4	55.0	42.5	62.0	29.4	60.2

Table 11A.19

Table 11A.19 **Mortality rates from breast cancer for women, by age (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1995–1999									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.2	0.2	0.2	–	0.4	–	–	–	0.2
25–29 years	0.8	0.9	1.2	1.7	0.4	–	–	–	0.9
30–34 years	4.3	3.9	3.8	1.1	4.7	4.5	7.8	–	3.9
35–39 years	7.9	11.5	10.4	9.0	9.2	13.6	12.2	7.7	9.7
40–44 years	19.7	20.1	15.2	22.8	19.4	17.9	15.8	14.6	19.1
45–49 years	30.6	34.4	28.9	33.3	29.3	33.8	37.3	31.2	31.6
50–54 years	44.2	49.6	49.0	44.0	39.6	43.1	42.4	57.6	46.1
55–59 years	55.6	60.4	55.8	58.8	60.6	49.2	63.4	39.1	57.4
60–64 years	68.6	75.2	67.0	61.4	73.2	52.1	102.1	109.6	69.9
65–69 years	77.3	83.7	67.8	68.6	75.3	75.6	135.8	88.9	77.1
70–74 years	81.5	94.9	82.6	91.6	89.7	93.7	99.2	155.3	87.5
75–79 years	108.0	115.8	108.0	95.4	123.4	108.1	164.4	118.2	111.1
80–84 years	132.3	142.0	128.7	143.8	136.4	140.2	232.5	137.0	136.8
85 + years	167.9	196.7	208.4	226.1	203.8	204.0	256.4	171.7	192.3
All ages									
ASR (Aust)	26.2	29.1	26.4	27.1	27.6	26.8	36.0	30.7	27.3
95% CI									
Upper	27.1	30.1	27.6	28.7	29.1	29.3	40.7	39.8	27.8
Lower	25.5	28.1	25.3	25.5	25.9	23.8	31.0	21.4	26.9
Ages 50–69									
ASR (Aust)	58.4	64.0	58.0	56.0	58.8	52.9	78.3	70.0	59.7
95% CI									
Upper	61.1	67.3	61.9	61.2	64.2	62.3	94.8	96.0	61.3
Lower	55.7	60.7	54.2	51.0	53.1	43.0	62.1	46.2	58.1

Table 11A.19

Table 11A.19 **Mortality rates from breast cancer for women, by age (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1996–2000									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.2	0.2	0.2	0.3	–	–	–	–	0.2
25–29 years	0.8	1.0	1.0	1.7	0.4	–	–	–	0.9
30–34 years	4.7	3.4	3.7	1.7	4.8	3.5	4.7	–	3.8
35–39 years	7.9	12.2	9.6	9.2	10.5	14.8	10.7	7.5	9.8
40–44 years	17.5	20.3	17.2	22.7	19.9	21.1	12.6	14.3	18.8
45–49 years	30.4	32.1	27.3	30.9	31.3	25.3	38.7	33.5	30.4
50–54 years	41.0	48.8	50.1	43.3	38.6	40.0	45.7	58.3	44.8
55–59 years	52.8	61.2	55.2	50.9	57.9	54.9	60.2	50.5	55.8
60–64 years	66.7	73.8	61.1	55.1	69.4	51.4	94.3	116.5	66.9
65–69 years	72.4	76.9	57.9	64.5	77.5	76.5	139.9	68.9	71.7
70–74 years	83.0	94.5	84.5	81.6	82.4	87.9	125.6	148.7	86.8
75–79 years	104.5	110.7	101.4	94.4	110.3	118.9	181.6	113.5	106.5
80–84 years	128.0	136.8	126.3	127.9	133.6	134.4	210.5	250.8	131.7
85 + years	163.5	204.1	189.7	231.0	191.7	204.3	295.8	160.0	189.3
All ages									
ASR (Aust)	26.5	29.9	24.6	24.3	30.4	28.5	28.6	14.9	27.1
95% CI									
Upper	27.4	30.8	25.6	25.7	32.2	31.4	32.1	18.5	27.6
Lower	25.8	28.9	23.6	22.9	28.7	25.3	25.0	11.6	26.6
Ages 50–69									
ASR (Aust)	56.2	63.3	55.2	52.0	58.4	54.0	73.8	67.4	57.8
95% CI									
Upper	27.4	30.8	25.6	25.7	32.2	31.4	32.1	18.5	27.6
Lower	25.8	28.9	23.6	22.9	28.7	25.3	25.0	11.6	26.6

Table 11A.19

Table 11A.19 **Mortality rates from breast cancer for women, by age (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1997–2001									
0–4 years	–	–	–	–	–	–	–	–	–
5–9 years	–	–	–	–	–	–	–	–	–
10–14 years	–	–	–	–	–	–	–	–	–
15–19 years	–	–	–	–	–	–	–	–	–
20–24 years	0.2	0.4	0.2	0.3	–	–	–	–	0.2
25–29 years	0.7	0.9	0.7	1.1	0.4	–	–	–	0.7
30–34 years	4.3	3.0	4.0	2.0	4.5	1.2	4.8	–	3.6
35–39 years	7.9	10.5	8.8	8.9	10.0	10.8	7.7	7.4	9.0
40–44 years	17.0	19.7	17.5	18.0	23.0	17.7	9.5	14.0	18.2
45–49 years	29.1	32.2	26.6	30.6	30.1	31.1	35.7	38.8	29.9
50–54 years	39.6	46.5	49.6	42.8	38.1	42.3	46.7	50.1	43.6
55–59 years	53.1	57.9	52.7	49.0	54.6	53.5	65.6	53.5	54.2
60–64 years	61.9	67.9	62.1	52.8	69.0	54.2	90.4	98.5	63.6
65–69 years	73.9	69.7	55.7	65.6	71.4	81.3	108.7	67.0	69.3
70–74 years	80.1	94.6	91.4	85.7	83.1	88.7	146.2	119.8	87.6
75–79 years	97.9	111.1	98.8	106.0	98.9	124.2	151.8	109.2	103.5
80–84 years	132.0	136.4	123.8	118.2	124.2	143.7	137.0	230.7	130.4
85 + years	164.2	196.2	189.0	227.3	185.7	190.2	285.3	150.5	186.0
All ages									
ASR (Aust)	26.3	29.1	24.8	24.3	29.8	29.2	26.9	14.6	26.8
95% CI									
Upper	27.0	30.1	25.9	25.7	31.4	32.4	30.6	17.9	27.2
Lower	25.5	28.2	23.7	23.0	28.1	26.0	23.3	11.4	26.3
Ages 50–69									
ASR (Aust)	54.8	58.7	54.2	50.8	55.7	55.6	69.3	61.1	55.6
95% CI									
Upper	57.6	61.7	57.6	55.7	61.3	65.0	84.2	83.3	57.2
Lower	52.0	55.5	50.5	46.3	50.4	46.2	54.4	40.7	54.0

(a) Rates are expressed per 100 000 women. Data for years 1993 to 2000 are age standardised to the Australian population at 30 June 1991. Data for years 2001 are age standardised to the Australian population at 30 June 2001.

ASR = age standardised rate; CI = confidence interval.

– Nil or rounded to zero.

Source: AIHW (unpublished).

11A.2 Mental health

Table 11A.20

Table 11A.20 Level of psychological distress K10, 2001 (per cent) (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (b)	Aust
Males									
18–64 years									
Low (10–15)	65.3	66.6	67.3	65.1	63.6	64.4	64.7	na	65.6
Moderate (16–21)	22.1	22.6	19.0	22.0	20.9	22.4	24.2	na	21.6
High (22–29) & Very high (30–50)	11.1	8.7	10.1	8.6	12.4	11.4	6.6	na	10.1
Total	98.5	97.9	96.4	95.7	96.9	98.2	95.5	na	97.2
65 years and over									
Low (10–15)	72.3	71.5	73.8	76.4	69.7	72.3	81.9	na	72.6
Moderate (16–21)	17.0	14.6	15.0	12.3	16.4	12.9 (c)	9.9 (c)	na	15.4
High (22–29) & Very high (30–50)	5.7	8.3	6.2 (c)	6.7 (c)	8.2 (c)	10.8 (c)	3.3 (d)	na	6.9
Total	95.0	94.5	94.9	95.4	94.4	95.7	95.2	na	94.8
Total									
Low (10–15)	66.4	67.4	68.3	66.6	64.7	65.8	66.5	na	66.7
Moderate (16–21)	21.3	21.4	18.4	20.7	20.2	20.7	22.7	na	20.6
High (22–29) & Very high (30–50)	10.3	8.7	9.5	8.4	11.6	11.3	6.3	na	9.6
Total	98.0	97.4	96.2	95.7	96.5	97.8	95.5	na	96.9
Females									
18–64 years									
Low (10–15)	56.9	57.4	57.1	57.8	56.4	59.4	60.9	na	57.2
Moderate (16–21)	26.1	24.6	25.7	27.4	25.4	23.2	23.4	na	25.5
High (22–29) & Very high (30–50)	15.6	17.7	14.7	13.5	17.2	16.2	12.9	na	15.9
Total	98.7	99.7	97.6	98.7	99.0	98.7	97.2	na	98.6
65 years and over									
Low (10–15)	60.7	66.6	68.8	62.8	61.8	59.6	68.9	na	63.9
Moderate (16–21)	19.6	13.2	16.5	17.4	19.7	17.9	17.7	na	17.1
High (22–29) & Very high (30–50)	11.3	11.2	6.3	11.6	8.6	14.9	5.2 (c)	na	10.2
Total	91.6	91.1	91.5	91.7	90.1	92.1	91.9	na	91.2
Total									
Low (10–15)	57.7	59.2	59.1	58.6	57.5	59.4	61.9	na	58.4
Moderate (16–21)	24.9	22.5	24.2	25.7	24.2	22.1	22.7	na	24.0
High (22–29) & Very high (30–50)	14.8	16.5	13.3	13.2	15.4	15.9	12.0	na	14.8
Total	97.3	98.1	96.5	97.5	97.1	97.4	96.6	na	97.2
Persons									
18–64 years									
Low (10–15)	61.1	62.0	62.2	61.5	60.0	61.9	62.8	na	61.4
Moderate (16–21)	24.1	23.6	22.4	24.7	23.2	22.8	23.8	na	23.5
High (22–29) & Very high (30–50)	13.4	13.2	12.4	11.1	14.8	13.8	9.8	na	13.0
Total	98.6	98.8	97.0	97.2	97.9	98.4	96.4	na	97.9
65 years and over									
Low (10–15)	65.8	68.8	71.1	68.9	65.2	65.0	74.7	na	67.7
Moderate (16–21)	18.4	13.8	15.8	15.1	18.3	15.7	14.3	na	16.3
High (22–29) & Very high (30–50)	8.9	9.9	6.2	9.4	8.4	12.9	4.4 (c)	na	8.7
Total	93.1	92.6	93.1	93.3	91.9	93.7	93.3	na	92.8
Total									
Low (10–15)	61.9	63.1	63.6	62.6	61.0	62.5	64.2	na	62.4
Moderate (16–21)	23.1	22.0	21.3	23.2	22.2	21.5	22.7	na	22.3
High (22–29) & Very high (30–50)	12.6	12.7	11.5	10.8	13.6	13.6	9.2	na	12.3
Total	97.7	97.8	96.4	96.6	96.8	97.6	96.0	na	97.1

(a) Psychological distress as measured by the Kessler 10 scale.

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

(c) Estimate has a relative standard error of between 25 per cent and 50 per cent and should be used with caution.

(d) Estimate has a relative standard error greater than 50 per cent and is considered too unreliable for general use.

na Not available. (Small numbers not reported for privacy reasons.)

Source: ABS (unpublished).

Table 11A.21 **Real estimated Australian Government expenditure on mental health services (2000-01 \$'000) (a) (b) (c) (e)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
National Mental Health Strategy	68 352.8	63 079.3	65 503.8	71 486.3	88 738.3
Research	13 192.6	6 956.8	6 506.1	9 118.1	8 825.6
MBS — consultant psychiatrist services	203 658.4	204 180.0	201 225.1	196 674.0	193 068.1
Pharmaceutical Benefits Schedule — psychiatric drugs	257 645.5	319 493.2	385 532.0	441 418.7	487 999.9
General practitioners (est)	154 388.5	155 466.8	155 636.2	156 226.1	163 993.5
Private Hospital Insurance Premium Rebates (est)	8 835.7	22 161.6	32 969.4	35 885.4	37 025.5
Department of Veterans' Affairs	76 379.3	85 830.1	89 477.8	118 269.8	131 117.6
Other (d)	14 281.1	8 288.7	8 377.3	8 617.4	9 026.5
TOTAL	796 734.0	865 456.3	945 227.7	1 037 695.8	1 119 795.0

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*. Some historical adjustments are likely to be made for *National Mental Health Report 2004*.

(b) Constant price expenditure for all years expressed in 2000-01 prices, using Implicit Price Deflator for Non-Farm GDP. Details provided in *National Mental Health Report 2003*.

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

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

(e) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

Source: DHA.

Table 11A.22

Table 11A.22 **Real estimated recurrent expenditure at the discretion of State and Territory governments (2000-01 dollars) (a) (b) (c) (d) (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Real recurrent expenditure (\$'000)</i>									
1997-98	460 227.5	388 620.2	248 294.0	169 690.6	129 288.7	39 156.0	20 184.8	14 896.0	1 470 357.7
1998-99	492 318.9	398 870.2	270 302.2	179 058.4	127 756.3	39 856.7	20 067.6	14 743.9	1 542 974.4
1999-2000	511 555.7	417 535.6	290 780.8	185 591.3	133 135.1	38 644.4	21 574.1	14 761.6	1 613 578.5
2000-01	521 789.4	445 583.1	296 941.2	193 895.0	133 382.1	40 354.3	23 802.7	15 176.2	1 670 923.8
2001-02	547 718.7	462 784.7	302 931.5	206 069.3	142 742.5	43 763.5	26 818.8	16 577.8	1 749 406.8
<i>Real expenditure per person (\$)</i>									
1997-98	73.0	84.2	72.6	93.9	87.1	82.8	65.4	79.1	79.0
1998-99	77.2	85.6	77.8	97.5	85.5	84.5	64.6	77.1	82.0
1999-2000	79.3	88.6	82.4	99.7	88.6	81.9	68.8	76.0	84.8
2000-01	79.9	93.4	82.7	102.7	88.4	85.6	75.1	77.3	86.7
2001-02	82.9	95.7	82.7	107.7	94.2	92.7	83.7	83.9	89.5

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Constant price expenditure expressed in 2000-01 prices, using Government Final Consumption Expenditure on Hospital and Clinical Services as deflator. See *National Mental Health Report 2003* for details.

(c) Estimates of State and Territory government expenditure include revenue from other sources (including patient fees and reimbursement by third party compensation insurers), and 'other Australian Government funds', but exclude Australian Government funding provided under the National Mental Health Strategy (NMHS) Funds and through the Department of Veterans' Affairs.

(d) Depreciation excluded for all years.

(e) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.23 **Real Australian Government recurrent expenditure on mental health services per person (2000-01 dollars) (a) (b) (c)**

	<i>\$ per person</i>
1997-98	42.81
1998-99	46.00
1999-2000	49.65
2000-01	53.84
2001-02	57.33

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*. Some historical adjustments are likely to be made for *National Mental Health Report 2004*.

(b) Constant price expenditure for all years, expressed in 2000-01 prices, using Implicit Price Deflator for Non-Farm GDP. Details provided in *National Mental Health Report 2003*.

(c) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

Source: DHA, *National Survey of Mental Health Services database*.

Table 11A.24

Table 11A.24 **Real estimated recurrent expenditure at the discretion of State and Territory governments — excluding other revenue (2000-01 dollars) (a) (b) (c) (d) (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Real recurrent expenditure (excluding other revenue) (\$'000)</i>									
1998-99	481 838.9	368 056.8	268 557.1	177 817.3	123 782.7	37 104.4	19 689.1	14 743.9	1 491 590.3
1999-2000	501 220.0	394 113.6	287 399.1	184 160.8	130 317.5	35 087.8	21 091.1	14 578.5	1 567 968.4
2000-01	512 582.9	421 531.4	292 220.2	192 265.3	128 774.0	38 034.3	22 988.3	14 958.6	1 623 354.9
2001-02	531 969.2	437 489.6	297 084.2	202 711.5	137 399.9	40 620.2	26 388.4	16 577.8	1 690 240.9
<i>Real expenditure per person (excluding other revenue) (\$)</i>									
1998-99	75.6	79.0	77.3	96.8	82.9	78.6	63.4	77.1	79.3
1999-2000	77.7	83.6	81.4	98.9	86.7	74.4	67.3	75.0	82.4
2000-01	78.5	88.4	81.3	101.9	85.4	80.7	72.6	76.2	84.2
2001-02	80.5	90.5	81.1	105.9	90.6	86.0	82.4	83.9	86.5

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Constant price expenditure expressed in 2000-01 prices, using Government Final Consumption Expenditure on Hospital and Clinical Services as deflator. See *National Mental Health Report 2003* for details.

(c) Estimates of State and Territory government expenditure exclude all reported non-State revenue, including patient fees, reimbursement by third party compensation insurers, Commonwealth funding provided under the NMHS funds and through the DVA and other Commonwealth funds. However, apart from NMHS and DVA funding, all other revenue categories are subject to minimal validation and may be inconsistently treated across jurisdictions. In addition, it is not possible to extract these amounts uniformly across time.

(d) Depreciation excluded for all years.

(e) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

Source: DHA, National Survey of Mental Health Services database; State and Territory governments.

Table 11A.25

Table 11A.25 **Depreciation (current prices \$'000s) (a) (b)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1998-99	15889.4	16695.0	–	2233.8	–	–	93.0	–	34911.2
1999-2000	13885.6	15967.3	12439.4	2651.0	0.3	–	93.0	11.0	45047.6
2000-01	11472.5	14213.9	7593.7	1820.7	1.0	–	55.0	10.5	35167.3
2001-02	13590.2	11140.9	5865.9	1381.9	1.0	–	8.4	10.7	31999.0

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*.

(b) Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(c) The change in Queensland's data is due to a change in reporting between 1999-2000 and 2000-01. For 2000-01, 'The Park' reported depreciation associated with the amortized facilities on the campus separately and these data have not been reported here. In the previous year, all the depreciation associated with 'The Park' was reported against the services.

– Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.26

Table 11A.26 **Total recurrent expenditure on specialised mental health services (current prices) (a) (b) (c) (d) (e) (f)**

	NSW	Vic	Qld (g)	WA (h)	SA	Tas	ACT	NT	Aust
<i>1998-99</i>									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	143 088.5	32 488.0	80 602.2	47 297.5	56 286.4	12 569.7	..	..	372 332.3
Public acute hospital	123 680.9	103 418.1	72 696.5	50 338.1	23 248.8	9 211.1	5 864.9	7 007.1	395 465.4
<i>Total inpatient expenditure</i>	266 769.4	135 906.1	153 298.7	97 635.6	79 535.2	21 780.8	5 864.9	7 007.1	767 797.7
Community residential	20 720.0	61 152.9	–	2 765.4	411.6	4 952.7	2 632.2	–	92 634.9
Ambulatory	171 310.7	142 005.4	81 979.0	60 700.1	39 576.0	10 596.5	8 923.9	6 704.9	521 796.6
Non-government organisation	8 348.4	38 491.2	15 360.2	9 336.4	3 154.6	1 325.5	1 365.5	623.0	78 004.8
Indirect	26 219.7	17 073.1	11 020.4	5 323.8	5 837.1	545.0	1 286.0	570.0	67 875.1
Total expenditure	493 368.3	394 628.8	261 658.3	175 761.3	128 514.4	39 200.5	20 072.5	14 905.0	1 528 029.3
<i>Per cent</i>									
Public psychiatric hospital	29.0	8.2	30.8	26.9	43.8	32.1	..	..	24.4
Public acute hospital	25.1	26.2	27.8	28.6	18.1	23.5	29.2	47.0	25.9
<i>Total inpatient expenditure</i>	54.1	34.4	58.6	55.6	61.9	55.6	29.2	47.0	50.2
Community residential	4.2	15.5	–	1.6	0.3	12.6	13.1	–	6.1
Ambulatory	34.7	36.0	31.3	34.5	30.8	27.0	44.5	45.0	34.1
Non-government organisation	1.7	9.8	5.9	5.3	2.5	3.4	6.8	4.2	5.1
Indirect	5.3	4.3	4.2	3.0	4.5	1.4	6.4	3.8	4.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 11A.26

Table 11A.26 **Total recurrent expenditure on specialised mental health services (current prices) (a) (b) (c) (d) (e) (f)**

	NSW	Vic	Qld (g)	WA (h)	SA	Tas	ACT	NT	Aust
<i>1999-2000</i>									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	140 516.5	28 263.4	77 972.8	44 782.9	59 314.0	11 967.8	..	..	362 817.3
Public acute hospital	136 351.6	114 048.7	81 991.9	53 492.8	22 628.8	8 732.3	6 099.5	6 205.6	429 551.3
<i>Total inpatient expenditure</i>	276 868.1	142 312.1	159 964.7	98 275.7	81 942.8	20 700.1	6 099.5	6 205.6	792 368.5
Community residential	22 791.3	69 528.2	210.4	2 716.2	435.0	5 504.1	3 178.2	415.0	104 778.4
Ambulatory	191 868.5	152 610.7	94 708.8	66 765.0	44 808.5	10 456.8	10 694.9	7 337.5	579 250.5
Non-government organisation	7 002.5	37 735.3	19 757.9	10 292.6	3 445.7	1 388.9	1 124.8	916.5	81 664.3
Indirect	27 252.8	19 809.3	13 670.6	6 265.7	5 358.0	869.0	1 390.3	432.5	75 048.1
Total expenditure	525 783.1	421 995.6	288 312.3	184 315.2	135 990.0	38 918.9	22 487.7	15 307.0	1 634 377.9
<i>Per cent</i>									
Public psychiatric hospital	26.7	6.7	27.0	24.3	43.6	30.8	..	..	22.2
Public acute hospital	25.9	27.0	28.4	29.0	16.6	22.4	27.1	40.5	26.3
<i>Total inpatient expenditure</i>	52.7	33.7	55.5	53.3	60.3	53.2	27.1	40.5	48.5
Community residential	4.3	16.5	0.1	1.5	0.3	14.1	14.1	2.7	6.4
Ambulatory	36.5	36.2	32.8	36.2	32.9	26.9	47.6	47.9	35.4
Non-government organisation	1.3	8.9	6.9	5.6	2.5	3.6	5.0	6.0	5.0
Indirect	5.2	4.7	4.7	3.4	3.9	2.2	6.2	2.8	4.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
<i>2000-01</i>									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	140 449.2	25 244.8	71 322.0	45 756.4	62 946.4	10 348.8	..	..	356 067.6
Public acute hospital	140 402.7	134 317.4	102 065.7	56 623.9	23 813.5	10 303.1	6 387.8	6 623.0	480 537.2
<i>Total inpatient expenditure</i>	280 851.9	159 562.2	173 387.8	102 380.4	86 759.9	20 651.8	6 387.8	6 623.0	836 604.7
Community residential	23 700.7	78 964.7	2 840.3	2 303.0	461.0	7 586.8	3 482.7	216.5	119 555.7
Ambulatory	206 069.5	172 550.7	99 930.6	77 569.7	49 227.9	11 146.4	12 583.6	7 933.3	637 011.8
Non-government organisation	9 166.6	39 008.3	21 355.7	12 248.1	2 946.8	1 401.8	1 544.3	935.8	88 607.3
Indirect	32 840.3	20 300.5	14 479.4	7 848.3	3 866.4	1 652.0	1 637.9	720.0	83 344.9
Total expenditure	552 629.0	470 386.3	311 993.8	202 349.5	143 262.0	42 438.8	25 636.4	16 428.6	1 765 124.4
<i>Per cent</i>									
Public psychiatric hospital	25.4	5.4	22.9	22.6	43.9	24.4	..	..	20.2
Public acute hospital	25.4	28.6	32.7	28.0	16.6	24.3	24.9	40.3	27.2
<i>Total inpatient expenditure</i>	50.8	33.9	55.6	50.6	60.6	48.7	24.9	40.3	47.4
Community residential	4.3	16.8	0.9	1.1	0.3	17.9	13.6	1.3	6.8
Ambulatory	37.3	36.7	32.0	38.3	34.4	26.3	49.1	48.3	36.1
Non-government organisation	1.7	8.3	6.8	6.1	2.1	3.3	6.0	5.7	5.0
Indirect	5.9	4.3	4.6	3.9	2.7	3.9	6.4	4.4	4.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 11A.26

Table 11A.26 **Total recurrent expenditure on specialised mental health services (current prices) (a) (b) (c) (d) (e) (f)**

	NSW	Vic	Qld (g)	WA (h)	SA	Tas	ACT	NT	Aust
2001-02									
<i>Recurrent expenditure (\$'000)</i>									
Psychiatric hospital	152 314.9	28 684.2	67 993.8	47 501.4	69 264.0	669.2	..	..	366 427.5
Public acute hospital	147 554.5	146 638.0	116 497.7	65 154.8	28 301.4	17 587.4	7 814.5	7 419.6	536 967.8
<i>Total inpatient expenditure</i>	299 869.3	175 322.2	184 491.5	112 656.2	97 565.5	18 256.6	7 814.5	7 419.6	903 395.4
Community residential	25 187.8	83 225.2	–	2 000.0	573.0	10 792.1	4 239.5	229.2	126 246.8
Ambulatory	225 990.8	185 767.6	106 256.1	87 180.2	53 417.6	14 327.3	13 986.3	9 172.1	696 098.1
Non-government organisation	10 091.0	41 616.2	22 643.9	12 248.3	2 968.6	1 478.0	1 491.6	940.6	93 478.2
Indirect	39 769.0	25 375.3	16 530.3	9 126.0	4 918.8	2 311.0	1 832.4	852.3	100 715.0
Total expenditure	600 908.0	511 306.5	329 921.8	223 210.7	159 443.4	47 165.0	29 364.3	18 613.8	1 919 933.5
<i>Per cent</i>									
Public psychiatric hospital	25.3	5.6	20.6	21.3	43.4	1.4	..	..	19.1
Public acute hospital	24.6	28.7	35.3	29.2	17.8	37.3	26.6	39.9	28.0
<i>Total inpatient expenditure</i>	49.9	34.3	55.9	50.5	61.2	38.7	26.6	39.9	47.1
Community residential	4.2	16.3	–	0.9	0.4	22.9	14.4	1.2	6.6
Ambulatory	37.6	36.3	32.2	39.1	33.5	30.4	47.6	49.3	36.3
Non-government organisation	1.7	8.1	6.9	5.5	1.9	3.1	5.1	5.1	4.9
Indirect	6.6	5.0	5.0	4.1	3.1	4.9	6.2	4.6	5.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

(c) Depreciation excluded for all years.

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

(e) The differential reporting of clinical service providers and NGO artificially segregates the mental health data. As the role of NGOs varies across jurisdictions, the level of NGO resourcing does not accurately reflect the level of community support services available.

(f) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

(g) The apparent absence of community residential beds in 2001-02 in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'. This is not consistent with the definition of such services used for the National Survey of Mental Health Services (NSMHS). In addition, Queensland advised that funding to non-government services for psychiatric disability support services is administered either by Queensland Health or Disability Services Queensland (DSQ). For the years 1998-99 and 1999-2000 Queensland Health reported actual budget rather than expenditure resulting in an over reporting of funds allocated to NGOs. For the years 2000-01 and 2001-02 DSQ under reported funds allocated to psychiatric disability support services. These errors of reporting have been rectified.

(h) The two community residential facilities in WA are not representative of the development of current State mental health policy and are under review. WA has been increasing funding to the NGO sector to provide services to people in their own homes rather than to publicly funded residential services.

– Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database; State and Territory governments.

Table 11A.27

Table 11A.27 **Number of beds at 30 June, specialised mental health services (a) (b) (c) (f)**

	NSW	Vic	Qld (d)	WA	SA	Tas (e)	ACT	NT	Aust
<i>No. of beds</i>									
Public psychiatric hospitals									
1998	1 204	386	799	380	504	123	..	..	3 396
1999	1 110	189	676	293	480	99	..	..	2 847
2000	1 088	159	589	293	477	99	..	..	2 705
2001	1 054	123	445	272	486	9	..	..	2 389
2002	1 082	123	454	261	486	9	..	..	2 415
Public acute hospitals with psychiatric units or wards									
1998	917	713	574	347	159	78	52	29	2 869
1999	910	866	628	376	176	78	53	31	3 118
2000	937	928	722	368	178	74	49	32	3 288
2001	886	978	830	367	176	129	50	34	3 450
2002	907	1 002	911	375	176	137	47	32	3 587
Publicly funded community residential facilities									
1998	293	868	..	70	20	62	50	..	1 363
1999	317	916	..	66	20	62	30	..	1 411
2000	488	1 136	20	26	20	62	83	10	1 845
2001	540	1 198	60	18	20	98	73	10	2 017
2002	553	1 173	..	22	20	95	76	10	1 949
<i>Beds per 100 000 people</i>									
Public psychiatric hospitals									
1998	19.1	8.3	23.3	21.0	34.0	26.0	..	..	18.2
1999	17.4	4.0	19.4	15.9	32.2	21.0	..	..	15.1
2000	16.9	3.4	16.7	15.7	31.9	21.0	..	..	14.2
2001	16.2	2.6	12.4	14.3	32.4	1.9	..	..	12.4
2002	16.4	2.5	12.4	13.6	31.7	1.9	..	..	12.3
Public acute hospitals with psychiatric units or wards									
1998	14.6	15.4	16.8	19.2	10.7	16.5	16.9	15.4	15.4
1999	14.3	18.5	18.0	20.4	11.8	16.6	17.2	16.2	16.5
2000	14.6	19.6	20.4	19.7	11.9	15.7	15.8	16.5	17.3
2001	13.6	20.4	23.1	19.3	11.7	27.4	16.0	17.3	17.9
2002	13.7	20.9	24.9	19.6	12.0	29.0	14.7	16.2	18.3
Publicly funded community residential facilities									
1998	4.7	18.8	..	3.9	1.3	13.1	16.3	..	7.3
1999	5.0	19.6	..	3.6	1.3	13.2	9.7	..	7.5
2000	7.6	24.0	0.6	1.4	1.3	13.2	26.7	5.2	9.7
2001	8.3	25.0	1.7	0.9	1.3	20.8	23.4	5.1	10.5
2002	8.4	24.3	..	1.1	1.3	20.1	23.7	5.1	10.0
Total									
1998	38.1	42.4	39.8	43.7	45.9	55.7	32.9	15.3	40.8
1999	36.5	42.1	37.2	39.7	45.1	50.7	26.6	16.1	39.0
2000	38.7	46.9	37.4	36.7	44.8	49.9	41.9	21.5	40.9
2001	37.7	47.8	36.8	34.6	45.1	50.0	38.5	22.2	40.5
2002	38.3	47.2	36.8	34.1	44.9	51.0	38.2	21.2	40.4

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) The apparent absence of community residential beds in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'. This is not consistent with the definition of such services used for the NSMHS.

(e) Tasmania advised that for 2001 and 2002 beds reported under 'public acute hospitals' are located within an adult correctional service.

(f) See *National Mental Health Report 2003* for full description of derivation of bed estimates.

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

Source: DHA, National Survey of Mental Health Services database; State and Territory governments.

Table 11A.28

Table 11A.28 **Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (a) (b) (c) (d) (g) (h)**

	<i>NSW (e)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1998-99									
Medical									
Consultant psychiatrist	2.4	4.3	3.4	4.6	4.8	3.2	2.1	3.1	3.5
Psychiatry registrar	3.5	3.9	3.8	5.3	5.2	1.6	3.8	2.9	3.9
Other medical officers	1.1	2.5	1.3	1.1	1.7	2.0	0.5	1.0	1.6
Total	7.0	10.7	8.5	11.1	11.6	6.8	6.5	7.0	8.9
Nursing									
Registered nursing	43.7	48.8	43.7	53.7	53.5	44.9	37.3	42.2	46.6
Nonregistered	6.1	6.4	7.6	9.3	10.3	8.1	2.4	4.2	7.1
Total	49.8	55.2	51.3	63.0	63.9	53.1	39.8	46.4	53.7
Allied health									
Occupation therapist	2.3	3.6	2.4	5.2	2.6	2.0	1.4	0.5	2.9
Social worker	3.9	6.0	5.0	6.3	9.7	5.0	8.3	2.1	5.4
Psychologist	5.4	6.4	5.4	6.1	4.3	5.2	7.2	5.7	5.7
Other allied health staff	4.9	2.4	2.6	7.9	3.1	0.8	0.2	6.8	3.8
Total	16.4	18.4	15.4	25.5	19.7	12.9	17.1	15.2	17.8
Total	73.2	84.2	75.1	99.6	95.2	72.8	63.3	68.6	80.4
1999-2000									
Medical									
Consultant psychiatrist	2.5	3.7	3.7	4.7	4.7	2.7	2.1	4.1	3.4
Psychiatry registrar	3.8	3.1	4.3	5.4	5.4	1.8	3.4	3.4	3.9
Other medical officers	1.5	3.2	0.9	1.2	1.6	1.8	0.4	1.0	1.8
Total	7.9	10.0	8.9	11.3	11.7	6.3	5.9	8.6	9.2
Nursing									
Registered nursing	45.4	53.2	44.7	52.6	52.1	43.5	37.2	44.3	48.2
Nonregistered	6.3	4.3	7.9	9.3	11.6	8.0	2.5	4.6	6.8
Total	51.7	57.5	52.6	61.8	63.8	51.5	39.7	48.9	55.0
Allied health									
Occupation therapist	2.4	4.1	2.5	6.2	2.8	1.5	1.6	0.5	3.2
Social worker	3.6	6.4	5.5	6.3	10.6	5.6	10.7	2.6	5.6
Psychologist	5.8	5.6	5.9	6.1	4.1	5.4	11.0	5.2	5.7
Other allied health staff	5.1	2.2	2.6	6.2	2.9	0.5	0.2	6.0	3.7
Total	16.9	18.3	16.5	24.8	20.5	12.9	23.5	14.2	18.2
Total	76.5	85.7	78.0	98.0	95.9	70.7	69.1	71.7	82.4

Table 11A.28

Table 11A.28 **Full time equivalent (FTE) direct care staff employed in specialised mental health services by staff type (per 100 000 people) (a) (b) (c) (d) (g) (h)**

	NSW (e)	Vic	Qld	WA	SA	Tas (f)	ACT	NT	Aust
2000-01									
Medical									
Consultant psychiatrist	3.0	3.9	3.7	4.9	4.2	4.0	1.9	3.7	3.6
Psychiatry registrar	3.7	4.4	4.8	5.4	5.3	1.9	3.6	3.6	4.3
Other medical officers	1.8	1.9	1.1	1.5	1.9	1.3	0.3	0.5	1.6
Total	8.4	10.1	9.6	11.8	11.4	7.2	5.8	7.8	9.5
Nursing									
Registered nursing	44.9	51.9	44.4	54.6	53.7	48.1	35.5	42.3	48.1
Nonregistered	6.1	6.5	8.1	7.7	10.6	11.6	3.4	4.6	7.2
Total	51.0	58.4	52.5	62.3	64.3	59.8	38.9	46.9	55.2
Allied health									
Occupation therapist	2.7	4.4	2.9	7.0	2.6	2.2	2.4	0.5	3.5
Social worker	3.8	6.3	5.8	7.3	11.3	3.9	6.9	3.6	5.8
Psychologist	6.5	6.7	6.6	6.0	4.1	4.2	16.5	4.1	6.4
Other allied health staff	5.0	2.8	3.1	6.2	3.2	3.5	0.2	4.1	3.9
Total	18.0	20.3	18.4	26.4	21.3	13.8	25.9	12.2	19.7
Total	77.4	88.8	80.4	100.5	97.0	80.8	70.6	66.9	84.4
2001-02									
Medical									
Consultant psychiatrist	3.4	4.1	4.0	4.7	4.5	2.7	2.0	4.1	3.9
Psychiatry registrar	3.5	4.4	4.9	5.0	6.6	2.4	3.3	3.3	4.4
Other medical officers	1.5	1.7	0.8	1.7	1.5	1.6	1.1	3.0	1.5
Total	8.5	10.2	9.7	11.5	12.5	6.8	6.4	10.4	9.7
Nursing									
Registered nursing	44.9	51.5	50.7	53.1	55.2	55.3	34.9	48.3	49.4
Nonregistered	5.7	9.0	8.6	7.7	11.3	9.6	5.0	0.0	7.7
Total	50.6	60.5	59.3	60.8	66.5	65.0	39.9	48.3	57.0
Allied health									
Occupation therapist	2.8	4.2	2.7	6.6	2.9	1.4	2.7	0.5	3.5
Social worker	4.3	6.5	6.2	6.8	11.8	3.9	8.7	2.5	6.1
Psychologist	7.4	7.0	6.5	6.0	5.2	4.9	14.6	4.6	6.9
Other allied health staff	5.4	3.0	3.8	5.8	2.5	5.2	4.3	2.5	4.3
Total	19.8	20.7	19.2	25.2	22.5	15.4	30.4	10.1	20.6
Total	78.9	91.4	88.1	97.5	101.4	87.2	76.6	68.9	87.4

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Professional categories are defined by profession rather than role.

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

(d) Total FTE figures presented in this table differ from those in table 11A.29 as it does not include 'other personal care' direct care staff which are included in table 11A.29 totals. See section 11.7 for definitions.

(e) NSW noted that its total staff numbers rose between 1999-2000 and 2000-01. The data reported in this chart reflect only health professionals, and do not incorporate nonprofessional staff. The discrepancy may be addressed when validation has been completed.

(f) SA has identified a number of anomalies with its staffing data since the NSMHS data were included in this Report.

(g) Tasmania has suggested that, in previous years, some direct care staff were not counted as they were incorrectly attached to administrative cost centres.

(h) See *National Mental Health Report 2003* for full description of derivation of bed estimates.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.29

Table 11A.29

Full time equivalent (FTE) direct care staff employed in specialised mental health services, by service setting (per 100 000 people) (a) (b) (c) (d) (f)

	NSW	Vic	Qld (e)	WA	SA	Tas	ACT	NT	Aust
1998-99									
Inpatient services	41.7	33.0	53.2	64.6	60.4	47.6	26.7	36.2	45.2
Ambulatory mental health services	31.2	36.9	25.6	37.0	34.3	22.4	30.4	32.3	32.2
Community residential services	4.2	17.2	–	1.4	0.3	17.2	11.8	–	6.5
Total	77.1	87.2	78.9	103.0	95.0	87.2	68.9	68.5	83.9
1999-2000									
Inpatient services	41.1	36.0	53.5	61.0	59.5	43.4	24.0	39.4	45.3
Ambulatory mental health services	32.6	35.9	28.4	37.6	36.3	22.9	36.3	34.0	33.3
Community residential services	4.7	17.0	–	1.4	0.3	15.9	14.2	0.8	6.6
Total	78.3	89.0	81.9	100.1	96.0	82.1	74.5	74.2	85.1
2000-01									
Inpatient services	41.0	34.4	53.3	58.3	60.8	48.9	24.0	38.4	44.8
Ambulatory mental health services	33.4	36.1	29.3	41.1	36.0	26.1	39.0	30.0	34.1
Community residential services	4.7	20.6	1.2	1.3	0.3	16.6	13.2	1.4	7.7
Total	79.1	91.2	83.8	100.7	97.1	91.5	76.2	69.9	86.6
2001-02									
Inpatient services	41.3	33.9	59.9	57.5	61.6	53.5	24.0	36.4	46.1
Ambulatory mental health services	35.1	37.7	30.6	42.9	40.3	31.9	42.6	40.3	36.2
Community residential services	4.8	22.0	–	1.1	0.3	18.6	15.9	1.4	7.9
Total	81.2	93.6	90.5	101.5	102.2	104.0	82.6	78.1	90.1

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Professional categories are defined by profession rather than role.

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

(d) Total FTE figures in this table differ from those in table 11A.28 as they include 'other personal care' direct care staff which are not included in table 11A.28 totals. See section 11.7 for definitions.

(e) The apparent absence of community residential beds in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'. This is not consistent with the definition of such services used for the NSMHS.

(f) See *National Mental Health Report 2003* for full description of data sources and analysis.
– Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.30

Table 11A.30	Mental health patient days (a) (b) (d)									
	NSW	Vic	Qld (c)	WA	SA	Tas	ACT	NT	Aust	
<i>Patient days</i>										
Acute units										
1997-98	345 944	289 078	191 255	133 808	113 870	25 305	17 255	9 096	1 125 611	
1998-99	335 253	276 364	192 682	151 799	111 055	29 012	16 272	8 485	1 120 922	
1999-2000	344 953	274 680	194 993	147 588	111 880	29 721	16 241	8 696	1 128 752	
2000-01	348 114	302 447	202 535	144 369	120 704	24 636	16 432	6 618	1 165 855	
2001-02	354 939	297 745	220 469	146 665	122 183	22 111	14 995	7 352	1 186 459	
Nonacute units										
1997-98	304 568	50 781	224 856	86 080	96 420	26 783	..	..	789 488	
1998-99	282 326	48 721	211 303	59 990	99 778	25 356	..	..	727 474	
1999-2000	270 031	49 922	183 004	50 321	105 441	19 700	..	..	678 419	
2000-01	255 909	48 177	181 869	51 669	104 123	22 733	..	..	664 480	
2001-02	268 803	47 674	192 275	45 328	104 065	7 417	..	..	665 562	
24-hour community residential										
1997-98	90 039	278 746	..	17 309	2 535	15 634	19 777	..	424 040	
1998-99	97 271	315 296	..	13 349	4 500	18 796	11 882	..	461 094	
1999-2000	88 140	322 674	281	10 639	4 500	20 918	10 490	..	457 642	
2000-01	93 761	314 327	5 050	8 247	5 176	21 059	8 049	..	455 669	
2001-02	93 226	294 110	..	6 798	4 986	26 940	7 551	..	433 611	
<i>Patient days per 1000 people</i>										
Acute units										
1997-98	54.9	62.5	55.8	73.9	76.8	53.5	56.2	48.3	60.5	
1998-99	52.6	59.0	55.3	82.3	74.6	61.6	52.8	44.3	59.5	
1999-2000	53.6	58.0	55.2	78.9	74.8	63.2	52.3	44.8	59.2	
2000-01	53.5	63.0	56.3	76.1	80.5	52.4	52.6	33.7	60.5	
2001-02	53.7	61.6	60.2	76.6	80.6	46.8	46.8	37.2	60.7	
Nonacute units										
1997-98	48.3	11.0	65.6	47.5	65.0	56.7	..	..	42.4	
1998-99	44.3	10.4	60.7	32.5	67.0	53.8	..	..	38.6	
1999-2000	42.0	10.5	51.8	26.9	70.5	41.9	..	..	35.6	
2000-01	39.4	10.0	50.6	27.2	69.4	48.4	..	..	34.5	
2001-02	40.7	9.9	52.5	23.7	68.7	15.7	..	..	34.1	
24-hour community residential										
1997-98	14.3	60.2	..	9.6	1.7	33.1	64.4	..	22.8	
1998-99	15.3	67.3	..	7.2	3.0	39.9	38.5	..	24.5	
1999-2000	13.7	68.1	8.0	5.7	3.0	44.5	33.8	..	24.0	
2000-01	14.4	65.5	1.4	4.3	3.5	44.8	25.8	..	23.6	
2001-02	14.1	60.8	..	3.6	3.3	57.1	23.6	..	22.2	

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

(c) The apparent absence of community residential beds in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'. This is not consistent with the definition of such services used for the NSMHS.

(d) See *National Mental Health Report 2003* for definitions.

.. Not applicable.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.31

Table 11A.31 **Separations, with psychiatric care, public hospitals, Australia 2000-01**

ICD-10	Public acute hospitals		Public psychiatric hospitals	
	Overnight separations	Same day separations	Overnight separations	Same day separations
F00-F03 Dementia	800	127	303	3
F04-F09 Other organic mental disorders	676	65	195	9
F10 Mental and behavioural disorders due to use of alcohol	1 440	691	513	78
F11-F19 Mental and behavioural disorders due to other psychoactive substances use	3 100	435	959	31
F20 Schizophrenia	14 612	1 503	3 393	78
F22 Persistent delusional disorders	826	111	185	3
F23 Acute and transient psychotic disorders	1 322	91	210	1
F25 Schizoaffective disorders	3 052	625	790	14
F21, F24, F28-F29 Schizotypal and other delusional disorders	1 276	167	402	115
F30 Manic episode	544	25	129	3
F31 Bipolar affective disorders	6 191	974	1 397	88
F32 Depressive episode	8 073	5 005	1 176	434
F33 Recurrent depressive disorders	2 346	1 623	141	156
F34 Persistent mood (affective) disorders	927	635	194	43
F38, F39 Other and unspecified mood (affective) disorders	85	31	7	-
F40 Phobic anxiety disorders	54	157	20	59
F41 Other anxiety disorders	676	853	77	72
F42 Obsessive compulsive disorders	176	182	22	57
F43 Reaction to severe stress and adjustment disorders	6 597	2 006	1 576	122
F44 Dissociative (conversion) disorders	212	56	47	3
F45, F48 Somatoform and other neurotic disorders	107	141	14	-
F50 Eating disorders	496	1 167	22	-
F51-F59 Other behavioural syndromes associated w physical disturbances and physical factors	217	57	21	1
F60 Specific personality disorders	3 559	1 154	845	51
F61-F69 Disorders of adult personality and behaviour	194	54	55	-
F70-F79 Mental retardation	140	13	83	4
F80-F89 Disorders of psychological development	122	125	29	101
F90 Hyperkinetic disorders	92	549	22	247
F91 Conduct disorders	409	1 032	73	660
F92-F98 Other and unspecified disorders w onset childhood	150	278	28	112
F99 Mental disorder not otherwise specified	52	9	1	2
G30 Alzheimers disease	389	1	108	-
G47 Sleep disorders	5	-	-	-
O99.3 Mental disorders and diseases of the nervous system complications pregnancy, childbirth and puerperium	88	3	2	1
R44 Other symptoms and signs involving general sensations and perceptions	22	5	1	7
R45 Symptoms and signs involving emotional state	39	11	1	1
Other factors related to mental and behavioural disorders(a)	349	186	328	377
Other factors related to substance use(b)	1	-	-	-
Other(c)	2 813	390	415	178
Not reported	99	15	443	5
Total	62 328	20 552	14 227	3 116

w = With.

- Nil or rounded to zero.

Source: AIHW 2003, *Mental Health Services in Australia 2000-01: National Minimum Data Sets-Mental Health Care*, AIHW Cat. no. HSE 19, AIHW (Mental Health Series no. 3), Canberra.

Table 11A.32

Table 11A.32 **Specialised care separations reported for Indigenous patients, Australia 2000-01 (a), (b)**

	<i>Same day separations</i>	<i>Overnight separations</i>	<i>Total separations</i>	<i>Total patient days</i>	<i>Total psychiatric care days</i>	<i>Average length of stay (overnight)</i>	<i>Psychiatric care days per overnight separation</i>
No.							
Indigenous	569	3 343	3 912	65 307	64 495	19.4	19.1
Total pop.	79 471	99 016	178 487	2 151 441	2 128 042	20.9	20.7
Per 1 000 population							
Indigenous	2	9	11	209	206	..	..
Total pop.	4	5	9	112	111	..	..

(a) Separations per 1 000 population are indirectly age standardised rates based on projected Aboriginal and Torres Strait Islander population for 30 June 1999 and the estimated resident population for 30 June 1999.

(b) Includes separations of patients identified as being either Aboriginal but not Torres Strait Islander origin, Torres Strait Islander but not Aboriginal origin, Aboriginal and Torres Strait Islander origin and patients identified as of Aboriginal or Torres Strait Islander origin without further specification.

.. Not applicable.

Source: AIHW 2003, *Mental Health Services in Australia 2000-01: National Minimum Data Sets-Mental Health Care*, AIHW Cat. no. HSE 19, AIHW (Mental Health Series no. 3), Canberra.

Table 11A.33 **Specialised psychiatric care separations reported for Indigenous patients, Australia 2000-01**

<i>ICD-10</i>		<i>Same day</i>	<i>Overnight</i>	<i>Total</i>	<i>Patient days</i>	<i>Psychiatric care days</i>
F00-F03	Dementia	–	10	10	1 180	1 180
F04-F09	Other organic mental disorders	2	42	44	3 983	3 966
F10	Mental and behavioural disorders due to use of alcohol	51	194	245	1 929	1 906
F11-F19	Mental and behav disorders due to other psychoactive substances use	18	348	366	3 182	3 130
F20	Schizophrenia	42	902	944	29 941	29 724
F21, F24, F28-F29	Schizotypal and other delusional disorders	2	114	116	1 422	1 397
F22	Persistent delusional disorders	3	28	31	335	334
F23	Acute and transient psychotic disorders	2	81	83	880	878
F25	Schizoaffective disorders	16	151	167	4 085	3 812
F30	Manic episode	–	19	19	354	354
F31	Bipolar affective disorders	14	218	232	3 697	3 672
F32	Depressive episode	89	287	376	3 335	3 304
F33	Recurrent depressive disorders	25	46	71	755	755
F34	Persistent mood (affective) disorders	5	29	34	151	151
F38, F39	Other and unspecified mood (affective) disorders	10	3	13	24	24
F40	Phobic anxiety disorders	–	5	5	94	92
F41	Other anxiety disorders	1	15	16	201	201
F42	Obsessive compulsive disorders	–	2	2	68	68
F43	Reaction to severe stress and adjustment disorders	159	428	587	2 576	2 568
F44	Dissociative (conversion) disorders	2	–	2	2	2
F45, F48	Somatoform and other neurotic disorders	–	4	4	65	65
F50	Eating disorders	–	–	–	–	–
F51-F59	Other behavioural syndromes associated w physical disturbances and physical factors	–	11	11	117	117
F60	Specific personality disorders	37	130	167	792	791
F61-F69	Disorders of adult personality and behaviour	–	12	12	146	145
F70-F79	Mental retardation	–	7	7	70	70
F80-F89	Disorders of psychological development	69	2	71	77	77
F90	Hyperkinetic disorders	–	3	3	12	12
F91	Conduct disorders	2	21	23	187	187
F92-F98	Other and unspecified disorders w onset childhood adolescence	–	3	3	40	40
F99	Mental disorder not otherwise specified	1	3	4	10	10
G30	Alzheimers disease	–	1	1	8	7
G47	Sleep disorders	–	–	–	–	–
O99.3	Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and puerperium	–	2	2	41	36
R44	Other symptoms and signs involving general sensations and perceptions	–	2	2	5	5
R45	Symptoms and signs involving emotional state	2	1	3	13	13
	Other factors related to mental and behavioural disorders	3	27	30	133	133
	Other factors related to substance use	–	–	–	–	–
	Other	14	139	153	4 070	3 942
	Total	569	3 343	3 912	65 307	64 495

w = With.

– Nil or rounded to zero.

Source: AIHW 2003, Mental Health Services in Australia 2000-01: National Minimum Data Sets-Mental Health Care, AIHW Cat. no. HSE 19, AIHW (Mental Health Series no. 3), Canberra.

Table 11A.34 **Organisations with consumer and carer participation in decision making (a) (b)**

	NSW (c)	Vic (d)	Qld (e)	WA (f)	SA	Tas	ACT	NT	Aust
<i>Per cent of organisations</i>									
Consumer with a formal position on the management committee or specific mental health consumer/carer advisory group to advise on all aspects of service delivery (level 1)									
1998	70.1	40.9	33.3	3.7	46.9	33.3	–	20.0	44.7
1999	75.3	39.1	48.3	16.7	46.7	100.0	–	40.0	55.5
2000	71.4	37.9	50.0	26.1	46.9	66.7	100.0	100.0	57.1
2001	74.2	52.0	56.7	40.0	61.3	66.7	100.0	66.7	62.9
2002	71.3	61.5	51.3	38.9	50.0	66.7	100.0	100.0	61.5
Specific mental health consumer/carer advisory group to advise on some aspects of service delivery (level 2)									
1998	9.0	13.6	40.0	18.5	12.5	–	–	20.0	16.5
1999	3.2	21.7	17.2	20.8	16.7	–	50.0	–	11.5
2000	5.1	17.2	26.7	30.4	18.8	33.3	–	–	14.3
2001	2.1	28.0	20.0	30.0	16.1	33.3	–	–	14.3
2002	6.4	19.2	15.4	38.9	18.8	33.3	–	–	14.8
Mental health consumers/carers invited to participate on broadly-based committees (level 3)									
1998	4.5	13.6	3.3	33.3	12.5	66.7	50.0	20.0	12.8
1999	11.8	21.7	3.4	25.0	20.0	–	–	20.0	14.4
2000	11.2	24.1	13.3	13.0	15.6	–	–	–	13.4
2001	10.3	6.0	13.3	20.0	6.5	–	–	–	9.7
2002	14.9	3.8	15.4	22.2	15.6	–	–	–	12.7
Other arrangements/no arrangements (level 4)									
1998	16.4	31.8	23.3	44.4	28.1	–	50.0	40.0	26.1
1999	9.7	17.4	31.0	37.5	16.7	–	50.0	40.0	18.7
2000	12.2	20.7	10.0	30.4	18.8	–	–	–	15.2
2001	13.4	14.0	10.0	10.0	16.1	–	–	33.3	13.1
2002	7.4	15.4	17.9	–	15.6	–	–	–	11.1
<i>Number of organisations reporting</i>									
1998	67	22	30	27	32	3	2	5	188
1999	93	23	29	24	30	3	2	5	209
2000	98	29	30	23	32	3	3	6	224
2001	97	50	30	20	31	3	3	3	237
2002	94	52	39	18	32	3	3	3	244

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) See *National Mental Health Report 2003* for definitions.

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

(d) Victoria advised that its model of consumer consultants fits poorly with the Australian Health Care Agreement (AHCA) categories. Victoria has paid consumer consultants working in mental health services. Many agencies report this in the 'other category, which has a low ranking and according to Victoria does not reflect the active role played by consumer consultants in service operation.

(e) Queensland has advised that the apparent decrease in the percentage of services providing level 1 consumer/carer participation in mental health services is a reporting artifact following a modification to the level of reporting for Queensland mental health organisations.

(f) WA advised that the NSMHS does not accurately represent consumer and carer participation strategies used in WA. At the State and regional levels, the Office of Mental Health gives high priority to the involvement of consumers and carers in developing a responsive mental health service. Several key consumer and carer advisory groups are supported and provided with financial assistance by the Office of Mental Health. Collectively these groups provide advice and representation on consumer and carer issues.

– Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.35

Table 11A.35 Percent of specialised mental health services that have introduced routine consumer outcome measurement (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i> (b)	<i>WA</i> (c)	<i>SA</i> (d)	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Dec 2000	–	–	–	–	–	–	–	–	–
June 2001	–	11.3	–	–	–	–	–	–	3.0
June 2002	55.8	11.3	–	–	–	17.6	–	–	20.9
June 2003	77.3	72.6	47.5	7.4	–	94.4	81.3	100.0	57.2

(a) Data contained in the table are based on reports from jurisdictions. Jurisdictions report at varying levels, reflecting differences in service structure (for example, data may be reported at area health service level or at hospital level, with each level containing a number of specialist mental health services. Data is thus aggregated. National averages are weighted by the relative share of total mental health expenditure. See *National Mental Health Report 2002* for further details.

(b) Queensland should be able to report close to 50 per cent of sites by June 2003.

(c) The three major components of the WA Mental Health Information Development Plan (including the development and rollout of the new Mental Health Clinical Information System, the Clinical Training Program and the business process re-engineering) are currently on target as per agreement with DHA. The development of the new information system is on schedule. The system will be rolled out to all public mental health services in WA between January and June 2003. The Clinical Training Program commenced in October 2002 and will continue until September 2003. The training focuses on the integration of consumer outcome assessment using the nationally agreed tools into day-to-day clinical practice. The business process re-engineering is concerned with changes to mental health services at a local level to ensure that benefits of the implementation of routine assessment of consumer outcomes are fully realised.

(d) SA has not started collecting these data yet.

– Nil or rounded to zero.

Source: DHA (unpublished), based on State and Territory progress reports submitted under the reporting requirements of Information Development Agreements.

Table 11A.36

Table 11A.36 Percentage of specialised public mental health services reviewed against national standards for mental health services (a) (b) (c)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Dec 2000									
Review commenced (d)	37.0	28.0	100.0	13.0	26.0	–	100.0	–	42.0
Review completed (e)	9.0	28.0	23.0	–	–	–	94.0	–	16.0
June 2001									
Review commenced (d)	37.0	28.0	100.0	13.0	47.0	–	100.0	–	43.0
Review completed (e)	9.0	28.0	37.0	–	–	–	100.0	–	18.0
June 2002									
Review commenced (d)	64.0	43.0	100.0	66.0	47.0	17.0	100.0	100.0	62.0
Review completed (e)	16.0	39.0	86.0	16.0	27.0	–	100.0	–	35.0
June 2003									
Review commenced (d)	70.0	100.0	100.0	100.0	65.0	100.0	100.0	100.0	91.0
Review completed (e)	27.0	50.0	90.0	53.0	48.0	22.0	100.0	–	49.0

(a) Data contained in the table are based on reports from jurisdictions. Jurisdictions report at varying levels, reflecting differences in service structure (for example, data may be reported at area health service level or at hospital level, with each level containing a number of specialist mental health services). As a result, data are aggregated. National averages are weighted by the relative share of total mental health expenditure.

(b) All jurisdictions have indicated intent to formally commence external review against the NSMHS in all specialist public mental health services by June 2003.

(c) External accreditation agencies such as the Australian Council on Healthcare Standards (ACHS) undertake accreditation processes in relation to a parent health organisation (for example, a hospital) which may cover a number of specialist services including mental health services. Accreditation of a parent organisation does not currently require a mental health service to be separately assessed against the NSMHS. Accreditation *per se* does not assess for or provide information on implementation of the NSMHS. Assessment of a service against the NSMHS must be requested and involves a separate review process. Data contained in the above table relates to the percentage of specialised public mental health services that have participated in or are participating in an external review, by an external accreditation agency, against the NSMHS. Such reviews may take place in conjunction with or separately to, overall accreditation of a parent organisation. Review against the NSMHS will, in some cases and in some jurisdictions, be delayed until an appropriate point is reached within the overarching accreditation cycle (for example, midterm review).

(d) 'Review commenced' means the percentage of specialised public mental health services that have formally registered for review against the NSMHS by an external accreditation agency.

(e) 'Review completed' means the percentage of specialised public mental health services that have formally completed review against the NSMHS by an external accreditation agency.

– Nil or rounded to zero.

Source : DHA, National Survey of Mental Health Services database; state and territory governments.

Table 11A.37

Table 11A.37 **Services provided in the appropriate setting (per cent) (a) (b) (c) (e) (f)**

	NSW	Vic	Qld	WA	SA	Tas (g)	ACT	NT	Aust
<i>Recurrent expenditure on stand alone psychiatric hospitals as a proportion of total spending on mental health services (d)</i>									
1997-98	32.4	13.6	38.1	31.5	47.2	32.8	..	..	28.8
1998-99	30.6	8.6	31.6	27.8	45.9	32.5	..	..	25.4
1999-2000	28.2	7.0	28.1	25.2	45.4	31.5	..	..	23.2
2000-01	27.0	5.6	24.2	23.5	45.2	25.4	..	..	21.2
2001-02	27.1	5.9	21.9	22.2	43.9	1.5	..	..	20.1
<i>Acute patient days in public acute hospitals as a proportion of total acute inpatient bed days in public acute and psychiatric hospitals</i>									
1997-98	68.3	74.8	87.5	66.8	44.3	85.7	100.0	100.0	71.8
1998-99	69.9	91.0	92.3	71.7	51.3	71.7	100.0	100.0	78.1
1999-2000	71.3	94.2	91.8	73.1	53.2	69.3	100.0	100.0	79.5
2000-01	72.0	97.4	96.1	74.1	50.5	93.1	100.0	100.0	81.7
2001-02	70.3	97.4	98.9	78.9	52.8	100.0	100.0	100.0	82.7

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Percentages exclude indirect expenditure.

(e) Forensic psychiatry services included in expenditure but excluded patient day calculations.

(f) See *National Mental Health Report 2003* for full description of derivation of expenditure items.

(g) Tasmania advised that beds reported under 'public psychiatric hospitals' are located within an adult correctional service.

.. Not applicable.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.38 **Average patient day costs, by inpatient program type, public hospitals (2000-01 dollars) (a) (b) (c) (d)**

	NSW	Vic	Qld (e)	WA	SA	Tas (f)	ACT	NT	Aust
General Psychiatry									
1997-98	451.68	418.97	348.69	439.79	422.22	431.84	431.15	723.37	418.99
1998-99	482.98	433.89	377.38	471.93	437.68	398.57	371.39	848.55	442.85
1999-2000	497.60	444.00	436.24	511.44	420.23	442.14	378.27	729.91	466.00
2000-01	482.01	433.18	449.93	486.26	419.10	585.22	379.78	953.26	462.44
2001-02	485.14	476.44	431.58	545.98	439.93	553.52	489.02	945.25	492.02
Child and adolescent psychiatry									
1997-98	506.84	638.20	681.57	601.86	632.26	..	..	..	606.22
1998-99	838.16	783.53	648.86	869.01	638.39	..	..	..	766.41
1999-2000	636.76	879.26	731.34	844.97	569.45	..	..	..	760.83
2000-01	539.56	683.76	828.27	983.35	703.66	..	..	..	728.49
2001-02	475.61	830.57	869.26	1 049.50	869.26	..	..	..	790.20
Geriatric psychiatry									
1997-98	393.84	360.66	365.12	383.91	276.50	358.88	..	..	360.93
1998-99	387.91	375.79	341.25	441.01	286.92	570.60	..	..	367.85
1999-2000	370.00	382.25	402.04	433.54	281.96	316.80	..	..	367.00
2000-01	398.77	404.49	325.11	490.83	271.94	131.77	..	..	357.96
2001-02	414.65	384.65	289.52	497.86	307.15	727.61	..	..	385.68
Forensic psychiatry									
1997-98	324.03	486.47	535.10	589.47	406.24	477.62	..	673.42	441.45
1998-99	360.84	595.50	532.04	507.68	415.57	234.50	..	838.57	468.63
1999-2000	364.82	644.56	674.59	551.47	474.58	228.26	..	661.99	513.81
2000-01	395.87	636.26	645.39	603.35	486.55	619.13	..	1 018.04	527.26
2001-02	358.51	653.99	593.59	633.19	530.07	641.66	..	..	530.28

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Constant price expenditure expressed in 2000-01 prices, using government final consumption expenditure on hospital and clinical services as the deflator.

(c) Depreciation excluded for all years.

(d) See *National Mental Health Report 2003* for full description of data sources and analysis.

(e) Queensland has advised that it provides geriatric psychiatry inpatient services using a number of different service models including campus and noncampus based options. All service types are reported as geriatric psychiatry inpatient services which may have the effect of lowering the average patient day costs compared to jurisdictions who report 'aged care units' separately.

(f) Tasmanian figures include child and adolescent psychiatry and forensic psychiatry within the general psychiatry category.

.. Not applicable.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.39

Table 11A.39 **Average patient day costs, by hospital type, public hospitals (2000-01 dollars) (a) (b) (c) (d)**

	NSW	Vic (e)	Qld	WA	SA	Tas (f)	ACT	NT	Aust
Psychiatric hospitals (all units)									
1997-98	419.18	430.95	382.77	452.42	380.94	422.39	..	..	409.92
1998-99	449.17	534.04	400.58	472.33	382.50	387.39	..	..	432.76
1999-2000	445.30	558.57	435.46	488.43	384.63	418.77	..	..	442.64
2000-01	443.94	631.86	487.85	503.15	380.72	955.56	..	..	462.65
2001-02	441.69	671.16	458.72	571.24	401.71	662.25	..	..	462.76
Psychiatric hospitals (acute units)									
1997-98	459.33	449.60	402.48	470.64	479.15	883.65	..	..	464.05
1998-99	590.46	598.59	479.47	477.96	505.77	649.82	..	..	548.15
1999-2000	565.37	785.76	475.63	503.39	548.43	550.23	..	..	568.44
2000-01	552.51	791.40	366.94	515.13	514.99	2 986.09	..	..	583.47
2001-02	559.90	752.33	431.43	601.34	524.16	662.25	..	..	578.79
Psychiatric hospitals (nonacute units)									
1997-98	402.92	391.74	380.65	439.12	315.17	345.46	..	..	384.81
1998-99	391.42	456.63	394.66	467.38	314.00	295.27	..	..	386.21
1999-2000	395.72	304.00	431.69	474.44	300.92	353.40	..	..	390.46
2000-01	397.58	330.42	494.71	492.84	301.80	311.81	..	..	409.70
2001-02	388.39	520.67	459.17	547.64	332.02	..	..	..	413.21
General hospitals									
1997-98	456.62	434.12	379.66	445.07	398.96	454.15	444.21	736.88	433.84
1998-99	471.81	419.60	402.45	493.33	441.02	483.52	380.08	875.65	446.07
1999-2000	491.87	432.90	439.18	537.44	403.13	452.33	387.50	738.12	463.65
2000-01	488.10	432.35	428.47	538.77	400.27	281.97	388.74	1 000.76	453.03
2001-02	492.39	466.47	420.72	570.08	457.28	597.48	504.34	977.71	479.54

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Constant price expenditure expressed in 2000-01 prices, using Government Final Consumption Expenditure on Hospital and Clinical Services as deflator.

(c) Depreciation excluded for all years.

(d) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

(f) For Tasmania, the last stages of the closure of the Royal Derwent Hospital resulted in anomalous data, that is, infrastructure expenditure spread over very few beds.

.. Not applicable.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.40

Table 11A.40 **Average cost to government (recurrent) per patient day for community-based residential services (2000-01 dollars) (a) (b) (c) (d) (e) (f)**

	NSW	Vic	Qld (g) (h)	WA	SA (i)	Tas (j)	ACT	NT (k)	Aust
General adult units									
1998-99									
24-hour staffed units	261	238	..	96	252	234	238	..	238
1999-2000									
24-hour staffed units	221	245	800	275	100	241	225	..	237
non-24-hour staffed units	58	123	..	..	..	..	49	77	83
2000-01									
24-hour staffed units	196	259	574	292	89	361	315	..	252
non-24-hour staffed units	48	133	..	..	..	..	48	70	86
2001-02									
24-hour staffed units	209	299	..	300	111	490	414	..	285
non-24-hour staffed units	44	128	..	..	..	..	134	66	87
Aged care units									
1998-99									
24-hour staffed units	206	205	..	..	292	..	208	..	209
1999-2000									
24-hour staffed units	246	193	..	..	..	286	..	..	206
non-24-hour staffed units	114	..	..	..	..	..	..	..	114
2000-01									
24-hour staffed units	242	213	..	..	..	360	..	..	226
non-24-hour staffed units	123	..	..	..	..	..	..	..	123
2001-02									
24-hour staffed units	229	222	..	..	..	333	..	..	231
non-24-hour staffed units	78	..	..	..	..	..	..	..	78

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

(b) Depreciation included for all years.

(c) Unit costs, not casemix adjusted.

(d) Constant price expenditure expressed in 2000-01 prices, using government final consumption expenditure on hospital and clinical services as deflator.

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

(f) See *National Mental Health Report 2003* for full description of data sources and analysis.

(g) The apparent absence of community residential beds in Queensland reflects Queensland's preference to describe such facilities as 'extended inpatient care'. This is not consistent with the definition of such services used for the NSMHS.

(h) Queensland has advised that the high unit costs in 1999-2000 and 2000-01 are an artifact of four new services being commissioned in these two financial years and associated service set up costs artificially inflating the average bed day costs.

(i) SA does not have any community residential services which are aged care units.

(j) Tasmanian services include both acute and rehabilitation units which have higher unit costs than extended care units. In 2001 additional new units were established with establishment costs included in recurrent expenditure for that year.

(k) 24-hour residential services not available in 1998-99 in the NT.

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

Source: DHA, National Survey of Mental Health Services database.

Table 11A.41 **Average cost to government (recurrent) per treated patient in the community NSW (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	754.95	878.33	793.85
Percent of services not reporting	na	na	16.52	26.68	19.47
Expenditure covered by non reporting services (per cent)	na	na	11.93	10.36	10.91

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.42 **Average cost to government (recurrent) per treated patient in the community Victoria (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 805.22	2 195.70	1 969.24
Percent of services not reporting	na	na	8.15	1.55	4.83
Expenditure covered by non reporting services (per cent)	na	na	3.03	0.73	4.20

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.43 **Average cost to government (recurrent) per treated patient in the community Queensland (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 324.42	1 217.06	1 318.79
Percent of services not reporting	na	na	1.10	–	0.99
Expenditure covered by non reporting services (per cent)	na	na	0.61	–	0.11

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available. – Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.44 **Average cost to government (recurrent) per treated patient in the community SA (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 092.21	1 021.37	1 065.73
Percent of services not reporting	na	na	19.75	25.27	13.79
Expenditure covered by non reporting services (per cent)	na	na	4.81	18.29	9.65

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.45 **Average cost to government (recurrent) per treated patient in the community Tasmania (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 190.35	1 662.77	1 804.27
Percent of services not reporting	na	na	21.05	–	4.76
Expenditure covered by non reporting services (per cent)	na	na	30.81	–	8.10

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available. – Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.46 **Average cost to government (recurrent) per treated patient in the community ACT (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 171.75	1 043.03	1 051.86
Percent of services not reporting	na	na	8.33	14.29	14.29
Expenditure covered by non reporting services (per cent)	na	na	6.03	5.46	8.91

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.47 **Average cost to government (recurrent) per treated patient in the community NT (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 184.37	1 268.42	1 108.06
Percent of services not reporting	na	na	–	–	6.25
Expenditure covered by non reporting services (per cent)	na	na	–	–	15.77

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available. – Nil or rounded to zero.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.48 **Average cost to government (recurrent) per treated patient in the community Australia (2000-01 dollars) (a) (b) (c) (d) (e) (f) (g) (h)**

	1997-98	1998-99	1999-2000	2000-01	2001-02
Unit cost (dollars per treated patient in the community)	na	na	1 129.87	1 251.79	1 205.20
Percent of services not reporting	na	na	13.64	15.88	11.92
Expenditure covered by non reporting services (per cent)	na	na	7.43	5.09	5.88

(a) 2001-02 data are preliminary only; final validation is ongoing prior to publication in the *National Mental Health Report 2004*. Data for years prior to 2001-02 are as published in the *National Mental Health Report 2003*.

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

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

(d) Depreciation included, variably handled by jurisdictions.

(e) Unit costs not casemix adjusted.

(f) Constant price expenditure expressed in 2000-01 prices, using Government final consumption expenditure on hospital and clinical services as the deflator.

(g) See *National Mental Health Report 2003* for full description of data sources and analysis.

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

na Not available.

Source: DHA, National Survey of Mental Health Services database.

Table 11A.49

Table 11A.49 **Suicides and mortality rate, by sex, Australia (a)**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Suicides (no.)										
Males	1 820	1 687	1 830	1 872	1 931	2 146	2 150	2 002	1 860	1 935
Females	474	394	428	495	462	577	533	490	503	519
Persons	2 294	2 081	2 258	2 367	2 393	2 723	2 683	2 492	2 363	2 454
Mortality rate (per 100 000 people) (b) (c)										
Males	20.9	19.2	20.6	20.8	21.2	23.3	23.0	21.1	19.6	20.1
Females	5.4	4.4	4.8	5.5	5.0	6.2	5.7	5.1	5.1	5.1
Persons	13.1	11.8	12.6	13.1	13.1	14.7	14.3	13.1	12.2	12.5

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

(b) At 30 June.

(c) Death rates for 1992 to 2000 standardised to the mid-year 1991 population. Death rates for 2001 standardised to the mid-year 2001 population.

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

Table 11A.50

Table 11A.50		Suicide deaths and death rate (a)								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>	
Suicide deaths (no.)										
1992	732	557	428	214	213	96	31	23	2 294	
1993	703	497	367	216	166	83	27	22	2 081	
1994	781	511	455	217	169	70	36	19	2 258	
1995	765	566	495	218	200	66	34	23	2 367	
1996	815	500	539	218	185	64	37	35	2 393	
1997	935	670	535	255	197	51	42	38	2 723	
1998	862	579	579	287	244	59	31	42	2 683	
1999	869	552	480	236	200	78	45	32	2 492	
2000	730	511	541	261	199	50	29	42	2 363	
2001	785	541	499	269	207	64	46	43	2 454	
Suicide death rate per 100 000 persons (c)										
1992	12.3	12.5	14.1	12.9	14.6	20.4	10.5	13.7	13.1	
1993	11.7	11.1	11.8	12.9	11.4	17.6	9.0	12.9	11.8	
1994	12.9	11.4	14.3	12.7	11.5	14.8	11.9	11.0	12.6	
1995	12.5	12.5	15.2	12.6	13.6	13.9	11.2	13.0	13.1	
1996	13.1	11.0	16.1	12.3	12.5	13.5	12.0	19.2	13.1	
1997	14.9	14.5	15.7	14.2	13.3	10.8	13.6	20.3	14.7	
1998	13.6	12.4	16.8	15.7	16.4	12.5	10.1	22.1	14.3	
1999	13.6	11.7	13.7	12.7	13.4	16.6	14.5	16.6	13.1	
2000	11.0	10.5	15.2	13.7	13.1	11.4	8.9	20.1	12.2	
2001	11.5	11.0	13.8	14.2	13.7	13.6	14.0	22.6	12.5	

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

(b) Low population results in small variations in the number of suicides appearing as large changes in rates (which are not statistically significant).

(c) Death rates for 1992 to 2000 standardised to the mid-year 1991 population. Death rates for 2001 standardised to the mid-year 2001 population.

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

Table 11A.51

Table 11A.51 **Suicide deaths and death rate, 15–24 year olds (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Number of suicide deaths of people aged 15–24 years									
1992	130	102	100	52	37	24	6	na	na
1993	118	123	75	43	21	11	6	na	na
1994	135	93	103	45	29	16	7	na	na
1995	123	107	93	53	39	11	na	na	na
1996	124	78	113	47	24	7	7	7	407
1997	170	117	118	43	37	na	11	11	na
1998	146	94	93	55	36	na	6	12	na
1999	122	76	79	47	22	12	9	13	380
2000	99	65	81	44	24	13	5	7	338
2001	93	67	83	44	31	4	7	10	339
Suicide death rate per 100 000 persons aged 15–24 years (c)									
1992	14.3	14.4	20.3	19.8	16.8	33.8	10.9	na	na
1993	13.1	17.6	15.0	16.4	9.7	15.7	10.8	na	na
1994	15.0	13.6	20.4	17.1	13.7	23.1	12.7	na	na
1995	13.8	15.9	18.3	20.0	18.8	16.2	na	na	16.1
1996	14.0	11.8	22.2	17.7	11.8	10.5	13.1	22.8	15.2
1997	19.3	17.7	23.3	16.0	18.4	na	20.9	35.2	na
1998	16.6	14.2	18.3	20.2	18.0	na	11.5	38.4	na
1999	13.7	11.4	15.3	16.9	11.0	18.7	17.4	41.4	14.1
2000	11.1	9.7	15.7	15.8	12.0	20.2	9.7	22.3	12.5
2001	10.3	10.0	15.8	15.8	15.4	6.4	13.4	32.5	12.5

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

(b) Tasmania's low population results in small variations in the number of suicides appearing as large changes in rates (which are not statistically significant).

(c) Death rates for 1992–2000 standardised to the mid-year 1991 population. Death rates for 2001 standardised to the mid-year 2001 population.

na Not available. (Small numbers not reported for privacy reasons.)

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

Table 11A.52

Table 11A.52 **Suicide deaths and suicide death rate, by area (a) (b) (c) (d)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (e)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Number of suicide deaths by area</i>									
1992									
Capital city	436	394	163	152	154	34	30	12	1 375
Other urban	168	59	151	16	na	36	–	na	na
Rural	127	104	114	46	53	26	na	10	na
1993									
Capital city	415	339	174	164	116	31	27	14	1 280
Other urban	143	68	97	12	6	34	–	na	na
Rural	142	88	92	40	44	18	–	7	431
1994									
Capital city	472	363	198	156	120	22	35	9	1 375
Other urban	174	72	141	13	6	32	–	na	na
Rural	134	72	110	48	41	15	–	5	425
1995									
Capital city	480	403	237	150	148	30	34	11	1 493
Other urban	170	60	146	17	na	21	–	na	na
Rural	114	100	109	50	48	15	–	9	445
1996									
Capital city	455	348	228	145	135	28	37	20	1 396
Other urban	213	61	168	19	5	23	–	na	491
Rural	141	89	141	51	43	13	–	13	491
1997									
Capital city	527	460	224	176	144	20	40	20	1 611
Other urban	218	89	165	18	3	13	–	–	506
Rural	187	119	142	60	49	18	–	18	593
1998									
Capital city	496	388	269	181	172	37	30	16	1 589
Other urban	226	67	183	26	7	15	–	–	524
Rural	133	123	122	73	62	7	na	23	na
1999									
Capital city	497	375	221	155	147	34	45	13	1 487
Other urban	192	67	150	19	7	27	–	–	462
Rural	167	110	103	58	46	17	–	19	520
2000									
Capital city	396	336	226	190	143	20	29	19	1 359
Other urban	182	75	188	19	7	10	–	–	481
Rural	139	98	122	52	47	20	–	23	501
2001									
Capital city	424	384	192	198	148	26	46	20	1 438
Other urban	212	62	184	23	9	29	–	–	519
Rural	142	93	117	46	47	9	–	22	476

Table 11A.52

Table 11A.52 **Suicide deaths and suicide death rate, by area (a) (b) (c) (d)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (e)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Suicide death rate per 100 000 persons by area (f)</i>									
1998									
Capital city	12.4	11.5	17.1	13.5	15.8	19.0	9.8	18.5	13.3
Other urban	16.5	12.4	16.1	21.1	14.9	8.5	–	–	15.3
Rural	13.6	16.5	16.4	19.9	17.6	7.0	na	29.5	na
Total	13.6	12.4	16.8	15.7	16.4	12.5	10.1	22.1	14.3
1999									
Capital city	12.3	10.9	13.8	11.4	13.5	17.5	14.6	14.8	12.3
Other urban	13.9	12.3	14.2	15.3	15.0	15.3	–	–	13.8
Rural	17.0	15.5	12.1	15.6	13.0	17.0	–	24.0	15.1
Total	13.6	11.7	13.7	12.7	13.4	16.6	14.5	16.6	13.2
2000									
Capital city	9.4	9.3	13.7	13.4	12.6	11.6	8.9	20.1	10.8
Other urban	13.1	13.7	15.5	15.1	14.9	6.2	–	–	13.8
Rural	13.9	13.8	17.0	14.7	14.4	20.7	–	26.1	15.4
Total	11.0	10.5	15.2	13.7	13.1	11.4	8.9	20.1	12.2
2001									
Capital city	9.7	10.5	11.4	14.0	13.2	12.2	14.0	21.7	11.2
Other urban	14.9	11.4	16.4	18.2	19.1	18.1	–	–	14.8
Rural	14.3	13.4	14.2	13.4	14.1	8.1	–	30.6	14.2
Total	11.5	11.0	13.8	14.2	13.7	13.6	14.0	22.6	12.5

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

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

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

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

(e) The three criteria for this data tend to distort the Tasmanian picture due to the low level of urbanisation.

(f) Death rates for 1992–2000 standardised to the mid-year 1991 population. Death rates for 2001 standardised to the mid-year 2001 population.

na Not available. (Small numbers not reported for privacy reasons.) – Nil or rounded to zero.

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

Table 11A.53

Table 11A.53 **Suicide and self inflicted injury rates, by Indigenous status (a) (b) (c) (d) (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
1992									
Non-Indigenous	729	555	428	209	206	96	31	16	2 270
Indigenous	na	na	–	5	7	–	–	7	24
Total	na	na	428	214	213	96	31	23	2 294
1993									
Non-Indigenous	696	494	367	207	164	82	27	20	2 057
Indigenous	7	na	–	9	na	na	–	na	24
Total	703	na	367	216	na	na	27	na	2 081
1994									
Non-Indigenous	774	509	455	208	161	70	36	14	2 227
Indigenous	7	na	–	9	8	–	–	5	na
Total	781	na	455	217	169	70	36	19	na
1995									
Non-Indigenous	752	563	495	207	193	65	33	20	2 328
Indigenous	13	na	–	11	7	na	na	na	39
Total	765	na	495	218	200	na	na	na	2 367
1996									
Non-Indigenous	813	496	523	206	184	64	37	27	2 350
Indigenous	na	na	16	12	na	–	–	8	43
Total	na	na	539	218	na	64	37	35	2 393
1997									
Non-Indigenous	933	667	496	246	191	51	42	27	2 653
Indigenous	na	na	39	9	6	–	–	11	70
Total	na	na	535	255	197	51	42	38	2 723
1998									
Non-Indigenous	842	575	535	267	235	58	31	31	2 574
Indigenous	20	na	44	20	9	na	–	11	109
Total	862	na	579	287	244	na	31	42	2 683
1999									
Non-Indigenous	862	548	456	224	198	78	45	16	2 427
Indigenous	7	na	24	12	na	–	–	16	65
Total	869	na	480	236	na	78	45	32	2 492
2000									
Non-Indigenous	715	506	517	238	194	50	29	28	2 277
Indigenous	15	5	24	23	5	–	–	14	86
Total	730	511	541	261	199	50	29	42	2 363
2001									
Non-Indigenous	750	485	453	251	186	58	45	25	2 253
Indigenous	18	7	42	10	8	na	–	18	na
Total	768	492	495	261	194	60	45	43	2 358

Table 11A.53 **Suicide and self inflicted injury rates, by Indigenous status (a) (b) (c) (d) (e)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<i>Indigenous suicide rate per 100 000 Indigenous population</i>									
1996	na	na	15.3	21.4	na	–	–	15.4	11.1
1997	na	na	37.2	16.0	27.2	–	–	21.2	18.1
1998	na	na	42.0	35.6	40.8	na	–	21.2	16.8
1999	na	na	22.9	21.4	na	–	–	30.8	16.8
2000	na	na	19.0	41.4	19.3	na	na	23.3	na
2001	na	na	42.5	19.0	38.9	na	na	35.1	na

(a) Data needs to be interpreted with caution as annual rates could fluctuate widely due to the small number of Indigenous deaths.

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

(c) Differences across States/Territories may arise because of differences in the rate of identification of Indigenous people. Only Queensland, SA, WA and the NT data from 1998 are considered to be of publishable standard. 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.

(d) Indigenous suicide rate based on the Indigenous 1996 Census counts (Cat. no. 3231.0, *Experimental Projections of the Indigenous Population — 1996 to 2006*). 'Australian total Indigenous population' includes Jervis Bay Territory.

(e) Non-Indigenous includes 'not stated'.

na Not available. (Small numbers not reported for privacy reasons.) – Nil or rounded to zero.

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