

Table 5A.24 **Capital cost per casemix adjusted separation — indicative estimates for inpatient services at major public acute hospitals (a), (b), (c)**

	<i>Unit</i>	<i>NSW (d) (f)</i>	<i>Vic (e)</i>	<i>Qld (f)</i>	<i>WA (f)</i>	<i>SA (f), (g)</i>	<i>Tas (f)</i>	<i>ACT (f)</i>	<i>NT (f) (h)</i>
1996-97 (revised)									
Land									
Asset value at 30 June	\$m	376	na	108	na	na	na	na	na
User cost of capital	\$m	30	na	9	na	na	na	na	na
Casemix adjusted separations	'000	1221	843	637	334	332	78	55	38
Inpatient fraction		..	0.743	..	0.796	0.80	0.716	0.773	0.767
Cost per casemix adj. separation	\$	25	na	14	na	na	na	na	na
Buildings									
Asset value at 30 June	\$m	2 215	2 153	1 421	2 161	764	193	297	na
User cost of capital	\$m	177	172	114	173	61	15	24	na
Annual depreciation	\$m	71	57	68	94	42	4	6	na
Casemix adjusted separations	'000	1221	843	637	334	254	78	55	38
Inpatient fraction		..	0.743	..	0.796	0.808	0.716	0.773	0.767
Cost per casemix adj. separation	\$	203	202	286	636	328	174	422	na
Equipment									
Asset value at 30 June	\$m	402	417	248	321	143	38	21	na
User cost of capital	\$m	32	33	20	26	11	3	2	na
Annual depreciation	\$m	68	118	49	31	33	6	6	na
Casemix adjusted separations	'000	1221	843	637	334	254	78	55	38
Inpatient fraction		..	0.743	0.787	0.796	0.808	0.716	0.773	0.767
Cost per casemix adj. separation	\$	82	133	85	136	140	83	112	na
Total capital cost (excl. land) per casemix adj. sep.	\$	285	335	371	772	468	257	534	na
1997-98 (revised)									
Land									
Asset value at 30 June	\$m	484	na	110	128	na	6	na	na

Table 5A.24 **Capital cost per casemix adjusted separation — indicative estimates for inpatient services at major public acute hospitals (a), (b), (c)**

	<i>Unit</i>	<i>NSW (d) (f)</i>	<i>Vic (e)</i>	<i>Qld (f)</i>	<i>WA (f)</i>	<i>SA (f), (g)</i>	<i>Tas (f)</i>	<i>ACT (f)</i>	<i>NT (f) (h)</i>
User cost of capital	\$m	39	na	9	10	na	0.5	na	na
Casemix adjusted separations	'000	1231	868	654	326	329	73	55	40
Inpatient fraction		..	..	0.78	0.74	0.82	0.76	0.77	0.78
Cost per casemix adj. separation	\$	31	na	10	23	na	5	na	na
Buildings									
Asset value at 30 June	\$m	2 267	1 132	1 254	940	726	150	298	na
User cost of capital	\$m	181	91	100	75	58	12	24	na
Annual depreciation	\$m	86	29	82	28	38	3	5	na
Casemix adjusted separations	'000	1231	868	654	326	329	73	55	40
Inpatient fraction		..	..	0.78	0.74	0.82	0.76	0.77	0.78
Cost per casemix adj. separation	\$	218	138	217	234	239	156	404	na
Equipment									
Asset value at 30 June	\$m	415	230	260	133	109	na	20	na
User cost of capital	\$m	33	18	21	11	9	na	2	na
Annual depreciation	\$m	73	41	39	21	27	5	4	na
Casemix adjusted separations	'000	1231	868	654	326	329	73	55	40
Inpatient fraction		..	..	0.78	0.74	0.82	0.76	0.77	0.78
Cost per casemix adj. separation	\$	86	68	72	72	89	52	78	na
Total capital cost (excl. land) per casemix adj. sep.	\$	304	206	289	306	328	208	482	na
1998-99									
Land									
Asset value at 30 June	\$m	489	na	108	129	95	6	15	na
User cost of capital	\$m	39	na	9	10	8	0.5	1.2	na
Casemix adjusted separations	'000	1245	946	667	326	332	76	58	43
Inpatient fraction		..	..	0.79	0.78	0.80	0.74	0.70	0.77

Table 5A.24 **Capital cost per casemix adjusted separation — indicative estimates for inpatient services at major public acute hospitals (a), (b), (c)**

	<i>Unit</i>	<i>NSW (d) (f)</i>	<i>Vic (e)</i>	<i>Qld (f)</i>	<i>WA (f)</i>	<i>SA (f), (g)</i>	<i>Tas (f)</i>	<i>ACT (f)</i>	<i>NT (f) (h)</i>
Cost per casemix adj. separation	\$	31	na	10	32	18	6	15	na
Buildings									
Asset value at 30 June	\$m	2 303	1 277	1 275	951	985	150	310	na
User cost of capital	\$m	184	102	102	76	79	12	25	na
Annual depreciation	\$m	104	31	90	28	33	3	5	na
Casemix adjusted separations	'000	1245	946	667	326	332	76	58	43
Inpatient fraction		..	..	0.79	0.78	0.80	0.74	0.70	0.77
Cost per casemix adj. separation	\$	232	141	227	249	269	146	360	na
Equipment									
Asset value at 30 June	\$m	336	251	323	136	111	26	20	na
User cost of capital	\$m	27	20	26	11	9	2	1.6	na
Annual depreciation	\$m	67	45	52	23	26	4	4	na
Casemix adjusted separations	'000	1245	946	667	326	332	76	58	43
Inpatient fraction		..	..	0.79	0.78	0.80	0.74	0.70	0.77
Cost per casemix adj. separation	\$	76	69	92	81	84	59	68	na
Total capital cost (excl. land) per casemix adj. sep.	\$	308	210	320	330	353	205	427	na
1999-2000									
Land									
Asset value at 30 June	\$m	975	na	89	140	93	12	15	na
User cost of capital	\$m	78	na	7	11	7	1	1	na
Casemix adjusted separations	'000	1 239	963	666	326	334	78	60	45
Inpatient fraction		0.73		(j)	0.79	0.80	0.72	0.70	0.77
Cost per casemix adj. separation	\$	46	na	11	27	18	9	14	na
Buildings									
Asset value at 30 June	\$m	4 413	1 192	2 199	1 005	880	203	302	317

Table 5A.24 **Capital cost per casemix adjusted separation — indicative estimates for inpatient services at major public acute hospitals (a), (b), (c)**

	<i>Unit</i>	<i>NSW (d) (f)</i>	<i>Vic (e)</i>	<i>Qld (f)</i>	<i>WA (f)</i>	<i>SA (f), (g)</i>	<i>Tas (f)</i>	<i>ACT (f)</i>	<i>NT (f) (h)</i>
User cost of capital	\$m	353	95	176	80	70	16	24	25
Annual depreciation	\$m	174	29	69	34	34	5	6	6
Casemix adjusted separations	'000	1 239	963	666	326	334	78	60	45
Inpatient fraction		0.73		(j)	0.79	0.80	0.72	0.70	0.77
Cost per casemix adj. separation	\$	310	130	368	278	250	195	353	543
Equipment									
Asset value at 30 June	\$m	577	245	442	136	123	29	20	31
User cost of capital	\$m	46	20	35	11	10	2	2	2
Annual depreciation	\$m	130	54	42	22	25	6	3	1
Casemix adjusted separations (k)	'000	1 239	963	666	326	334	78	60	45
Inpatient fraction		0.73		(j)	0.79	0.80	0.72	0.70	0.77
Cost per casemix adj. separation	\$	104	76	116	80	83	76	54	53
Interest payments (k)	\$m	1.2	0.3	–	22.4	1.7	–	0.1	na
Interest payments per separation	\$	1	0	–	55	4	–	1	na
Total capital cost (excl. land) per casemix adj. sep.	\$	413	205	484	303	330	271	405	596

(a) Capital cost is defined as the user cost of capital (calculated at 8 per cent of the current value of non-current physical assets) plus the depreciation amount. The capital cost per casemix adjusted separation is equal to the capital cost adjusted by the IFRAC, divided by the number of casemix adjusted separations.

(b) Psychiatric hospitals, drug and alcohol services, mothercraft hospitals, unpeered and other, hospices, rehabilitation facilities and small non-acute and multi-purpose services are excluded from this table.

(c) Where possible, capital and separations data relate to inpatients in public acute hospitals. Where jurisdictions have not been able to distinguish outpatient capital data an IFRAC has been applied as a proxy.

(d) For years other than 1999-2000, NSW asset values and depreciation amounts are for inpatients in acute hospitals. A fraction of 0.547 was applied to the reported asset values and depreciations for NSW Health.

(e) Asset values and depreciation amounts are for acute inpatients in acute hospitals.

Table 5A.24 **Capital cost per casemix adjusted separation — indicative estimates for inpatient services at major public acute hospitals (a), (b), (c)**

	<i>Unit</i>	<i>NSW (d) (f)</i>	<i>Vic (e)</i>	<i>Qld (f)</i>	<i>WA (f)</i>	<i>SA (f), (g)</i>	<i>Tas (f)</i>	<i>ACT (f)</i>	<i>NT (f) (h)</i>
(f)	For 1998-1999, Queensland, WA, SA, Tasmanian, and the ACT asset values and depreciation amounts are for all patients in acute hospitals. An IFRAC is used here to calculate the data for inpatients. For 1999-2000, NSW, WA, SA, Tasmanian, the ACT and the NT asset values and depreciation amounts are for all patients in acute hospitals. An IFRAC is used here to calculate the data for inpatients.								
(g)	SA data are correct. South Australia is currently undertaking processes to redefine the requirements for the classification and collection of asset management data.								
(h)	NT is on a cash accounting regime and was unable to provide asset values and depreciation amounts except for 1999-2000.								
(j)	The asset value and depreciation amounts are based on Queensland Health outputs allocation information for inpatients services in acute hospitals.								
(k)	Sourced from Australian Institute of Health and Welfare 2001, <i>Australian Hospital Statistics 1999-2000</i> , cat. no. HSE 14, Canberra.								
	na Not available.								
	.. Not applicable.								

Table 5A.27 Recurrent cost per casemix-adjusted separation, selected public hospitals (a) (b)

	Unit	NSW	Vic	Qld	WA	SA	Tas (c)	ACT	NT (d)	Aust (o)
1999-2000										
<i>Data for selected included hospitals</i>										
Total separations(e)	'000	1 180	973	669	346	333	72	61	58	3 691
Acute separations(e)	'000	1 154	943	640	341	326	71	60	57	3 593
Proportion of separations not acute	%	2.2	3.0	4.2	1.4	2.0	1.8	1.3	1.7	2.7
Average cost weight(f)		1.05	0.99	1.00	0.94	1.00	1.08	0.98	0.78	1.01
Casemix-adjusted separations (g)	'000	1 239	963	666	326	334	78	60	45	3 711
Total admitted patient days (e)	'000	4 507	3 630	2 271	1 220	1 129	299	223	195	13 473
Admitted patient days for acute patients (e)	'000	4 132	3 028	1 989	1 118	1 042	250	207	182	11 947
Proportion of bed days not acute	%	8.3	16.6	12.4	8.4	7.7	16.3	7.1	6.5	11.3
Total recurrent expenditure	\$m	4 530	3 346	2 099	1 328	1 033	300	257	197	13 090
Inpatient fraction(h)		0.73	0.71	0.79	0.79	0.80	0.72	0.70	0.77	0.75
Total admitted patient recurrent expenditure	\$m	3 304	2 365	1 660	1 052	826	215	180	152	9 754
Public patient day proportion(i)		0.81	0.87	0.91	0.88	0.85	0.80	0.83	0.94	0.85
Newborn episodes with no qualified days	'000	56.3	38.4	29.8	14.1	9.9	0.3	2.9	2.5	154.1
<i>Data for excluded hospitals</i>										
Separations for excluded hospitals (b)(e)	'000	66	31	39	14	27	4	2	–	183
Per cent of all separations	%	5.3	3.1	5.6	4.0	7.5	4.8	2.5	..	4.7
Expenditure for excluded hospitals	\$m	541	161	249	114	164	33	1	..	1 263
Inpatient fraction for excluded hospitals		0.75	0.52	0.69	0.81	0.92	0.95	1.00	..	0.74
Unadjusted cost per separation	\$	6 135	2 695	4 342	6 455	5 554	8 695	927	..	5 102
<i>Average cost data for selected included hospitals</i>										
<i>Non-medical labour costs per casemix-adjusted separatio \$</i>										
Nursing	\$	725	704	710	798	646	698	727	877	718
Diagnostic/allied health(k)	\$	205	230	149	246	197	167	185	176	204
Administrative	\$	208	203	178	261	209	166	224	259	206
Other staff	\$	182	142	214	237	119	327	121	408	181
Superannuation(j)	\$	127	109	141	161	126	146	191	116	129
Total non-medical labour costs	\$	1 447	1 389	1 392	1 703	1 296	1 504	1 447	1 835	1 438

Table 5A.27 Recurrent cost per casemix-adjusted separation, selected public hospitals (a) (b)

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (c)</i>	<i>ACT</i>	<i>NT (d)</i>	<i>Aust (e)</i>
<i>Other recurrent costs per casemix-adjusted separation (\$)</i>										
Domestic services	\$	61	69	80	178	70	39	120	190	79
Repairs/maintenance	\$	63	54	46	96	92	78	58	87	63
Medical supplies(k)	\$	202	209	259	221	163	279	281	178	215
Drug supplies	\$	145	125	136	176	130	134	148	171	140
Food supplies	\$	33	30	24	23	16	35	35	34	28
Administration	\$	158	150	145	195	156	341	173	184	161
Other	\$	90	58	38	114	126	- 13	183	242	79
Total other recurrent costs	\$	751	696	728	1 004	753	892	999	1 085	765
<i>Total excluding medical labour costs</i>	\$	2 198	2 085	2 120	2 707	2 049	2 396	2 445	2 920	2 203
<i>Medical labour costs per casemix-adjusted separation (\$)</i>										
Public patients										
Salaried/sessional staff	\$	308	309	309	380	284	301	336	422	314
VMO payments	\$	160	61	63	141	141	54	224	38	111
Private patients (estimated)(l)	\$	111	56	37	72	77	90	114	30	73
Total medical labour costs	\$	579	427	408	592	503	446	674	490	498
Total recurrent cost per casemix-adjusted separation (a)										
1996-97 (m)	\$	2 586	2 353	2 354	2 731	2 309	2 660	3 689	3 179	2 496
1997-98 (n)	\$	2 637	2 462	2 354	2 966	2 458	2 739	3 623	3 363	2 575
1998-99	\$	2 766	2 413	2 390	3 026	2 430	2 568	3 326	3 297	2 611
1999-00	\$	2 777	2 511	2 528	3 299	2 552	2 842	3 120	3 410	2 701

(a) Excludes depreciation.

(b) Psychiatric hospitals, drug and alcohol services, mothercraft hospitals, unpeered and other hospices, rehabilitation facilities, small non-acute and multi-purpose services are excluded.

(c) Tasmania is the only jurisdiction with a significant payroll tax burden. As a result, payroll tax has been estimated at 6.7 per cent of salary plus superannuation and removed from the above.

(d) These figures need to be interpreted in conjunction with the consideration of cost disabilities associated with hospital service delivery in the NT.

(e) Separations from the National Hospital Morbidity Database whose type of episode of care is acute, newborn with qualified days or unspecified.

(f) Average cost weight from the National Hospital Morbidity Database, based on acute and unspecified separations and newborn episodes of care with qualified days, using the 1999-2000 AR-DRG v 4.0/4.1 combined cost weights DHAC (unpublished).

(g) Casemix-adjusted separations is the product of total separations and average cost weight.

Table 5A.27 **Recurrent cost per casemix-adjusted separation, selected public hospitals (a) (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (c)</i>	<i>ACT</i>	<i>NT (d)</i>	<i>Aust (o)</i>
(h)	None of the selected hospitals above have had their admitted patient proportion estimated by the HASAC ratio.									
(i)	Eligible public patient days as a proportion of total patient days, excluding newborns with no qualified days.									
(j)	In the NT, superannuation costs have been provided for three hospitals but are missing for two.									
(k)	Queensland pathology services are now being purchased from the statewide pathology service rather than being provided by each hospitals' employees.									
(l)	Estimated private patient medical costs calculated as the sum of salary/sessional and VMO payments divided by the number of public patient days multiplied by the number of private patient days.									
(m)	Data for 1996-97 exclude psychiatric hospitals, drug and alcohol services, mothers and babies facilities, dental hospitals and same day facilities. Around 2.5 per cent of separations are excluded, although the proportion differs across jurisdictions.									
(n)	Data for 1997-98 exclude psychiatric hospitals, drug and alcohol services, mothercraft hospitals, dental hospitals, hospices, rehabilitation facilities and multi-purpose services and hospitals satisfying the NSW definition of community non-acute hospitals.									
(o)	Data for Australia as presented in AIHW (2001) <i>Australian Hospital Statistics 1999-00</i> .									
	– Nil or rounded to zero.									
	na Not available.									
	.. Not applicable.									

Sources: Australian Institute of Health and Welfare (AIHW), *Australian Hospital Statistics*, cat. nos. HSE 5, 6 and 11, (various years), Canberra.

Table 5A.28 Recurrent cost per acute casemix-adjusted separation, selected public hospitals, excluding mental health programs, 1998-99 (a)

	NSW	Vic
Total separations ('000) (b)	1 213	944
Acute separations excluding psychiatric unit separations ('000) (d)	1 166	897
Proportion of separations not acute (%)	3.87	4.93
Average cost weight (c)	1.02	0.98
Casemix adjusted acute non-psychiatric separations ('000)	1 190	884
Total recurrent expenditure (\$m)	4 441	3 118
Acute non-psychiatric Inpatient fraction (d)	0.68	0.63
Total acute patient(excluding mental health program) recurrent expenditure (\$m)	3 007	1 956
Public patient day proportion for acute non-psychiatric patients (e)	0.80	0.86
<i>Average cost per casemix adjusted separation for selected hospitals</i>		
Cost per casemix adjusted separation	2 766	2 413
Difference from cost per acute non-psychiatric separation (%)	-4.9%	-5.7%
<i>Average cost per acute non-psychiatric separation data for selected hospitals</i>		
<i>Non-medical labour costs per acute non-psychiatric casemix-adjusted separation (\$)</i>		
Nursing	704	585
Diagnostic/allied health	195	185
Administrative	184	181
Other staff	194	133
Superannuation	123	103
Total non-medical labour costs	1 400	1 187
<i>Other recurrent costs per acute non-psychiatric casemix-adjusted separation (\$)</i>		
Domestic services	63	68
Repairs/maintenance	58	58
Medical supplies	151	202
Drug supplies	130	128
Food supplies	31	24
Administration	145	105
Other	126	55
Total other recurrent costs	704	640
Total excluding medical labour costs	2 104	1 827
<i>Medical labour costs per acute non-psychiatric casemix-adjusted separation (\$)</i>		
Public patients		
Salaried/sessional staff	266	312
VMO payments	157	74
Private patients (estimated) (f)	104	62
Total medical labour costs	527	448
Total cost per acute non-psychiatric casemix-adjusted separation	2 631	2 275

(a) Excludes psychiatric, mothercraft, hospices, small non-acute, other not acute, unpeered and other hospitals, rehabilitation facilities and multi-purpose services.

(b) Includes same day separations and newborns with qualified days. Excludes patients with total days of psychiatric care equal to the total length of stay.

(c) Average cost-weight from the National Hospital Morbidity Database, based on acute and unspecified separations and newborn episodes of care with qualified days, using the 1998-99 revised AR-DRG version 4.1/4.0 combined cost-weights (DHAC unpublished). Excludes patients with total days of psychiatric care equal to total length of stay.

(d) Proportion of total expenditure relating to acute non-psychiatric admitted patients.

Table 5A.28 Recurrent cost per acute casemix-adjusted separation, selected public hospitals, excluding mental health programs, 1998-99 (a)

	NSW	Vic
(e) Eligible public patient days as a proportion of total patient days, excluding newborns with no qualified days, non-acute patients and patients with total days of psychiatric care equal to the total length of stay.		
(f) Estimated private patient medical costs calculated as the sum of salary/sessional and VMO payments divided by the number of public patient days multiplied by the number of private patient days. This is a notional estimate of the medical costs for all non-public patients including private, compensible and ineligible patients.		
<i>Source:</i> Australian Institute of Health and Welfare (AIHW) 2000, <i>Australian Hospital Statistics 1998-99</i> , cat. no. HSE 11, Canberra.		

Table 5A.29 Recurrent cost per acute casemix-adjusted separation (excluding psychiatric unit expenditure and activity), selected public hospitals (a) 1999-2000

	Units	
	NSW	Vic
Total separations	'000 1 180	973
Acute separations (b)	'000 1 154	943
Acute designated psychiatric unit separations (c)	'000 22	19
Acute separations and excluding psychiatric unit separations (c)	'000 1 132	924
Proportion of separations not acute and including psychiatric unit separations	0.041	0.050
Total recurrent expenditure	\$m 4 530	3 346
Total admitted patient expenditure	\$m 3 304	2 365
<i>Costs relating to acute (excluding psychiatric unit) separations</i>		
Average cost weight(e)	1.050	0.991
Casemix-adjusted acute separations	'000 1 189	915
Acute non-psychiatric admitted patient fraction(d)	0.669	0.615
Total acute patient (excluding psychiatric patient) recurrent expenditure	\$m 3 030	2 058
Cost per casemix-adjusted acute separation (excluding psychiatric unit expenditures)	2 549	2 249
Cost per total casemix-adjusted separation	\$ 2 777	2 511
Proportion exceeding cost per acute separation (excluding psychiatric unit expenditures)	0.082	0.104

(a) Excludes psychiatric, mothercraft, hospices, small non-acute, unpeered and other hospitals, rehabilitation facilities and multi-purpose services.

(b) From the National Hospital Morbidity Database. Details of acute separations and bed days compared to non-acute separations and bed days are presented in Table A4.1 of *Australian Hospital Statistics 1999-2000*.

(c) Acute separations are separations where the type of episode of care is acute, newborn with qualified days, or unspecified. Psychiatric unit separations are those psychiatric separations with at least some days in designated psychiatric units.

(d) The acute non-psychiatric admitted patient fraction is that portion of recurrent costs which are for acute admitted patients and which exclude the costs of psychiatric care in a designated psychiatric unit.

(e) Average cost weight from the National Hospital Morbidity Database, based on acute and unspecified separations and newborn episodes of care with qualified days, using the 1999-00 AR-DRG version 4.0/4.1 combined cost weights (DHAC 2001).

Note: The Cost per non-acute separation and including psychiatric unit separations is \$5711 for NSW and \$6303 for Victoria.

Source: Australian Institute of Health and Welfare (AIHW) 2001, Australian Hospital Statistics 1999-2000, cat. no. HSE 14, Canberra.

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Principal referral: metropolitan (>20 000 acute weighted separations) and rural (>16 000 acute weighted separations)									
Number of hospitals	20	11	11	3	3	2	1	1	52
Average beds per hospital	402	771	421	593	461	364	503	268	496
Separations per hospital	35 088	65 590	35 514	58 394	55 466	30 939	48 537	32 046	44 192
Average cost weight (d)	1.10	1.02	1.08	1.01	1.07	1.08	0.93	0.80	1.06
Cost per separation	3 002	2 540	2 851	np	np	2 616	np	np	2 808
Cost per patient day	774	649	791	np	np	637	np	np	744
Cost per casemix-adjusted separation	2 844	2 534	2 672	np	np	2 518	np	np	2 731
Total expenditure (\$'000)	2 921 842	2 617 939	1 330 251	np	np	232 665	np	np	8 679 966
Specialist women's and children's >10 000 acute weighted separations									
Number of hospitals	3	1	4	1	1	–	–	–	10
Average beds per hospital	171	535	161	488	288	..	..	..	247
Separations per hospital	17 308	54 649	12 539	36 522	29 998	..	..	..	22 325
Average cost weight (d)	1.12	1.08	1.10	1.08	1.00	..	..	..	1.08
Cost per separation	3 051	n.p.	2 995	np	np	..	..	..	3 055
Cost per patient day	957	n.p.	980	np	np	..	..	..	977
Cost per casemix-adjusted separation	2 888	n.p.	2 771	np	np	..	..	..	2 922
Total expenditure (\$'000)	240 998	n.p.	196 373	np	np	..	..	..	947 311
Total principal referral and Specialist women's and children's									
Number of hospitals	23	12	15	4	4	2	1	1	62
Average beds per hospital	372	752	351	567	418	364	503	268	468
Separations per hospital	32 769	64 679	29 387	52 926	49 099	30 939	48 537	32 046	40 665
Average cost weight (d)	1.10	1.03	1.08	1.02	1.06	1.08	0.93	0.80	1.06
Cost per separation	3 005	2 551	2 868	3 325	2 696	2 616	np	np	2 830
Cost per patient day	784	665	810	923	823	637	np	np	761
Cost per casemix-adjusted separation	2 846	2 537	2 683	3 343	2 601	2 518	np	np	2 747

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Total expenditure (\$'000)	3 162 839	2 830 782	1 526 624	884 739	664 626	232 665	np	np	9 627 276
Large metropolitan, (>10 000 acute weighted separations)									
Number of hospitals	11	–	3	–	3	–	1	–	18
Average beds per hospital	148	..	177	..	198	..	162	..	162
Separations per hospital	12 757	..	16 802	..	18 337	..	12 736	..	14 360
Average cost weight (d)	1.02	..	0.96	..	0.99	..	1.14	..	1.01
Cost per separation	2 340	..	1 971	..	2 383	..	np	..	2 314
Cost per patient day	612	..	656	..	625	..	np	..	628
Cost per casemix-adjusted separation	2 390	..	2 066	..	2 545	..	np	..	2 384
Total expenditure (\$'000)	444 544	..	135 706	..	168 738	..	np	..	797 375
Large rural (>8 000 acute weighted separations) and remote (>5 000 acute weighted separations)									
Number of hospitals	6	6	4	2	–	1	.	1	20
Average beds per hospital	142	143	171	117	..	131	..	162	146
Separations per hospital	12 290	13 710	14 652	9 962	..	8 224	..	18 098	13 043
Average cost weight (d)	1.01	0.90	0.80	0.87	..	1.16	..	0.71	0.90
Cost per separation	2 649	2 128	1 665	2 295	..	np	..	np	2 216
Cost per patient day	740	635	567	780	..	np	..	np	673
Cost per casemix-adjusted separation	2 719	2 422	2 080	2 669	..	np	..	np	2 506
Total expenditure (\$'000)	244 490	239 033	155 565	57 738	..	np	..	np	786 398
Total large rural, remote and metropolitan									
Number of hospitals	17	6	7	2	3	1	1	1	38
Average beds per hospital	146	143	173	117	198	131	162	162	153
Separations per hospital	12 592	13 710	15 573	9 962	18 337	8 224	12 736	18 098	13 667
Average cost weight (d)	1.01	0.90	0.87	0.87	0.99	1.16	1.14	0.71	0.95
Cost per separation	2 446	2 128	1 807	2 295	2 383	np	np	np	2 265
Cost per patient day	654	635	608	780	625	np	np	np	649

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Cost per casemix-adjusted separation	2 503	2 422	2 077	2 669	2 545	np	np	np	2 443
Total expenditure (\$'000)	689 034	239 033	291 271	57 738	168 738	np	np	np	1 583 773
Medium 5000 to 10 000 acute weighted separations									
Number of hospitals	12	5	6	7	4	—	—	—	34
Average beds per hospital	85	86	97	134	76	..	..	..	96
Separations per hospital	6 944	7 568	7 255	9 268	7 880	..	..	..	7 679
Average cost weight (d)	1.00	0.83	0.90	0.80	0.86	..	..	..	0.89
Cost per separation	2 814	1 924	1 950	2 515	2 194	..	..	..	2 392
Cost per patient day	764	655	626	680	737	..	..	..	704
Cost per casemix-adjusted separation	2 918	2 373	2 191	3 185	2 608	..	..	..	2 744
Total expenditure (\$'000)	309 002	97 556	115 956	201 688	86 203	..	..	..	810 404
Medium 2000 to 5000 acute weighted separations									
Number of hospitals	28	16	10	4	10	—	—	—	68
Average beds per hospital	47	50	50	51	50	..	..	..	49
Separations per hospital	3 293	3 606	3 671	3 293	3 443	..	..	..	3 444
Average cost weight (d)	0.84	0.79	0.67	0.82	0.89	..	..	..	0.81
Cost per separation	2 242	1 765	1 321	2 208	1 959	..	..	..	1 937
Cost per patient day	575	543	383	710	545	..	..	..	541
Cost per casemix-adjusted separation	2 768	2 299	2 043	2 776	2 260	..	..	..	2 485
Total expenditure (\$'000)	269 176	132 643	66 880	34 440	78 494	..	..	..	581 633
Total medium									
Number of hospitals	40	21	16	11	14	—	—	—	102
Average beds per hospital	58	59	68	104	58	..	..	..	65
Separations per hospital	4 388	4 549	5 015	7 095	4 711	..	..	..	4 856
Average cost weight (d)	0.91	0.81	0.79	0.81	0.88	..	..	..	0.85
Cost per separation	2 514	1 828	1 663	2 463	2 071	..	..	..	2 177

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Cost per patient day	662	584	508	684	628	..	..	..	624
Cost per casemix-adjusted separation	2 847	2 331	2 148	3 116	2 425	..	..	..	2 632
Total expenditure (\$'000)	578 178	230 198	182 836	236 128	164 697	..	..	..	1 392 037
Small rural acute <2000 acute weighted separations and less than 40% not acute or outlier beddays									
Number of hospitals	24	17	16	13	13	4	–	–	87
Average beds per hospital	24	20	21	24	27	15	..	..	23
Separations per hospital	1 235	1 092	1 022	790	1 104	566	..	..	1 051
Average cost weight (d)	0.84	0.83	0.82	0.80	0.85	1	..	..	0.83
Cost per separation	2 121	1 903	1 624	2 750	1 852	12 584	..	..	2 275
Cost per patient day	496	463	481	718	490	3 068	..	..	576
Cost per casemix-adjusted separation	2 607	2 370	2 045	3 509	2 298	15 675	..	..	2 831
Total expenditure (\$'000)	80 370	46 468	37 083	37 073	31 318	28 466	..	..	260 779
Remote acute <5000 acute weighted separations									
Number of hospitals	5	–	21	21	2	–	–	3	52
Average beds per hospital	27	..	23	23	14	..	..	37	24
Separations per hospital	1 408	..	1 055	1 241	627	..	..	2 565	1 235
Average cost weight (d)	0.70	..	0.77	0.82	0.78	..	..	0.85	0.79
Cost per separation	1 500	..	1 747	3 151	2 020	..	..	2 849	2 427
Cost per patient day	429	..	558	1 041	649	..	..	831	767
Cost per casemix-adjusted separation	2 175	..	2 317	3 884	2 606	..	..	3 394	3 113
Total expenditure (\$'000)	19 441	..	61 470	112 231	3 477	..	..	29 785	226 403
Total small rural and remote acute									
Number of hospitals	29	17	37	34	15	4	–	3	139
Average beds per hospital	25	20	22	23	25	15	..	37	23
Separations per hospital	1 264	1 092	1 041	1 069	1 040	566	..	2 565	1 120
Average cost weight (d)	0.82	0.83	0.79	0.81	0.84	1	..	0.85	0.81

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Cost per separation	2 002	1 903	1 695	3 038	1 866	12 584	..	2 849	2 338
Cost per patient day	485	463	524	934	500	3 068	..	831	645
Cost per casemix-adjusted separation	2 532	2 370	2 196	3 785	2 317	15 675	..	3 394	2 945
Total expenditure (\$'000)	99 811	46 468	98 553	149 304	34 795	28 466	..	29 785	487 182
Small non-acute <2000 acute weighted separations more than 40% not acute or outlier bed days									
Number of hospitals	41	9	36	3	23	5	.	–	117
Average beds per hospital	25	24	23	11	31	16	..	..	25
Separations per hospital	597	883	632	342	591	424	..	..	615
Cost per separation	3 335	2 645	2 567	5 164	2 649	4 623	..	..	2 950
Cost per patient day	260	333	218	779	260	364	..	..	260
Total expenditure (\$'000)	99 119	25 021	75 526	6 755	44 799	10 908	..	..	262 128
Multi-purpose service									
Number of hospitals	15	7	9	18	4	1	–	–	54
Average beds per hospital	14	14	21	19	39	4	..	..	18
Separations per hospital	306	830	747	376	828	216	..	..	508
Cost per separation	4 639	2 416	1 758	3 756	np	np	..	..	3 018
Cost per patient day	269	675	275	1 056	np	np	..	..	447
Total expenditure (\$'000)	27 588	20 619	16 690	34 321	np	np	..	..	110 825
Hospice									
Number of hospitals	3	–	–	–	–	–	–	–	3
Average beds per hospital	58	..	..	..	..	..	..	..	58
Separations per hospital	996	..	..	..	..	..	..	..	996
Cost per separation	7 671	..	..	..	..	..	..	..	7 671
Cost per patient day	550	..	..	..	..	..	..	..	550
Total expenditure (\$'000)	32 859	..	..	..	..	..	..	..	32 859

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Rehabilitation									
Number of hospitals	5	–	–	–	1	–	–	–	6
Average beds per hospital	40	..	..	..	133	..	..	..	55
Separations per hospital	569	..	..	..	976	..	..	..	637
Cost per separation	14 330	..	..	..	np	..	..	..	14 819
Cost per patient day	644	..	..	..	np	..	..	..	573
Total expenditure (\$'000)	61 654	..	..	..	np	..	..	..	77 801
Mothercraft									
Number of hospitals	3	3	1	–	1	–	1	–	9
Average beds per hospital	32	28	40	..	9	..	10	..	26
Separations per hospital	1 954	3 126	1 922	..	807	..	793	..	1 997
Cost per separation	..	639	np	..	np	..	np	..	..
Cost per patient day	..	256	np	..	np	..	np	..	..
Total expenditure (\$'000)	..	7 008	np	..	np	..	np	..	..
Other non-acute									
Number of hospitals	14	2	–	–	–	–	–	–	16
Average beds per hospital	48	71	..	..	..	..	..	..	51
Separations per hospital	795	970	..	..	..	..	..	..	817
Cost per separation	6 240	10 046	..	..	..	..	..	..	1
Cost per patient day	348	437	..	..	..	..	..	..	6 804
Total expenditure (\$'000)	116 679	22 134	..	..	..	..	..	..	364
Total non-acute									
Number of hospitals	81	21	46	21	29	6	1	–	205
Average beds per hospital	29	26	23	18	35	14	10	..	27
Separations per hospital	641	1 194	683	371	644	389	793	..	669
Cost per separation	4 549	2 414	2 316	3 941	3 304	np	np	..	3 445

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Cost per patient day	325	399	229	995	319	np	np	..	326
Total expenditure (\$'000)	337 898	74 782	95 159	41 076	72 255	np	np	..	634 493
Unpeered and other acute(c) (includes hospitals with fewer than 200 separations)									
Number of hospitals	17	9	59	14	10	8	–	–	117
Average beds per hospital	14	9	3	15	11	4	..	..	7
Separations per hospital	278	612	110	278	476	95	..	..	224
Cost per separation	4 509	1 953	1 039	5 083	1 191	np	..	..	2 825
Cost per patient day	293	604	255	1 244	323	np	..	..	447
Total expenditure (\$'000)	32 343	73 418	62 068	24 145	9 002	np	..	..	np
Psychiatric(e)									
Number of hospitals	9	1	4	1	1	–	–	–	19
Average beds per hospital	119	90	181	283	479	..	..	..	145
Separations per hospital	1 025	520	351	2 692	3 592	..	..	..	945
Cost per separation	15 899	24 094	65 058	np	np	..	..	..	21 535
Cost per patient day	316	415	215	np	np	..	..	..	334
Total expenditure (\$'000)	170 674	12 529	91 459	np	np	..	..	..	417 328
Total									
Number of hospitals	216	87	184	87	76	24	3	5	682
Average beds per hospital	82	140	56	61	66	48	225	108	78
Separations per hospital	5 768	11 536	3 847	4 142	4 737	3 166	20 424	11 568	5 679
Cost per separation	2 976	2 440	2 586	3 178	2 712	3 248	2 932	2 621	2 759
Cost per patient day	643	639	602	848	661	691	805	779	658
Total expenditure (\$'000)	5 070 777	3 507 211	2 347 970	1 441 974	1 196 872	332 839	258 624	197 010	14 353 276
Teaching (excluding psychiatric)									
Number of hospitals	17	9	10	4	4	3	2	2	51
Average beds per hospital	412	907	358	567	418	286	333	215	483

Table 5A.32 **Costs and utilisation by hospital peer group, Australia, public hospitals (including psychiatric) 1999-2000 (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>
Separations per hospital	36 730	78 740	28 825	52 926	49 099	23 367	30 637	25 072	43 352
Average cost weight (d)	1.12	1.03	1.16	1.02	1.06	1.09	0.98	0.76	1.07
Cost per separation	3 094	2 569	3 187	3 325	2 696	2 666	2 932	2 586	2 895
Cost per patient day	812	674	860	923	823	645	805	771	777
Cost per casemix-adjusted separation	2 890	2 536	2 790	3 343	2 601	2 528	3 120	3 413	2 782
Total expenditure (\$'000)	2 736 033	2 578 789	1 121 847	884 739	664 626	271 221	257 178	167 225	8 681 660

(a) Expenditure data exclude depreciation.

(b) Some data reported at network level. Networks can contain smaller, specialised and non-acute hospitals.

(c) Exclude a few small hospitals with missing expenditure data.

(d) Average cost weight from the National Hospital Morbidity Database, based on acute and unspecified separations and newborn episodes of care with qualified days, using the 1999–00 AR-DRG v 4.0/4.1 combined cost weights (DHAC 2002).

(e) Psychiatric hospitals consist of a mix of short term acute, long term, psychogeriatric and forensic psychiatric hospitals, so cannot be compared easily with each other; eg the Victorian psychiatric hospital is a forensic psychiatric hospital and has a quite different patient and cost profile to many of the other psychiatric hospitals in this group. High cost per separation for Queensland hospitals in this group partly because Queensland do not truncate very long lengths of stays to 366 days as some other States do.

na Not available.

– Nil or rounded to zero.

np Not published.

.. Not applicable.

Source: Australian Institute of Health and Welfare (AIHW) 2001, *Australian Hospitals Statistics 1999-2000*, cat. no. HSE 14, Canberra.