

# 5 Specialised admitted patient mental health care

This chapter describes the provision by hospitals of admitted-patient care that includes specialised psychiatric care, using data from the National Hospital Morbidity Database. Separations are defined as having specialised psychiatric care if the patient is reported as having one or more days in a specialised psychiatric unit (also referred to as a designated psychiatric unit) of an acute care hospital or of a public psychiatric hospital. The separations with specialised psychiatric care reported in this chapter exclude same-day separations that were identified as ambulatory-equivalent mental health-related hospital separations (see Appendix 2 for further information). Data on ambulatory-equivalent separations are presented in chapter 3.

This chapter contains a substantial amount of data on separations with specialised psychiatric care. Key data are located on the following pages:

- Information on patient demographics is presented on pages 110–120;
- Principal diagnosis data are presented on pages 121–139;
- Information on Australian Refined Diagnosis Related Groups is presented on pages 140–141;
- Procedure data are found on pages 141–149; and
- Data on admission and separation modes and care type are presented on pages 150–156.

A national overview of mental health-related separations (both with and without specialised psychiatric care) and residential care can be found in chapter 4. Information on mental health-related separations without specialised psychiatric care is presented in chapter 6.

## 5.1 Overview

This section presents a brief overview of the data available on separations with specialised psychiatric care for 2002–03 (Figure 5.1). There were a total of 113,045 separations that included specialised psychiatric care. The total number of patient-days was 2,384,159, including 2,346,002 days of specialised psychiatric care. The average length of stay was 21.1 days. The majority of patients (61.1%) had a mental health legal status of *Voluntary*. Approximately 74.9% of separations had a funding source of *Public patient* and 19.9% reported a funding source of *Private health insurance*.

Female patients accounted for 51.8% of mental health-related separations with specialised psychiatric care, and 44.6% of patients were in the 25–44 age group. Over three-quarters of these separations (77.3%) were in the public sector and most patients (93.2%) had a care type of *Acute care*. A large proportion of patients (84.2%) had a separation mode of *Other*, suggesting that patients went home after separation from the hospital. *Schizophrenia* (F20) was the most common group of principal diagnoses. The most common procedure performed was *Generalised allied health interventions* (Block 1916) followed by *Cerebral anaesthesia* (Block 1910),

and the most commonly reported AR-DRG was *Major affective disorders age less than 70 without catastrophic or severe complications or comorbidities* (U63B).

## 5.2 Patient demographics

This section presents demographic data collected for separations with specialised psychiatric care for 2002–03. These data reflect the level of utilisation of hospital services by specific population groups. Where tables in this section include average length of stay data, there are equivalent median length of stay data available at <[www.aihw.gov.au](http://www.aihw.gov.au)>

### Age and sex

Table 5.1 presents the age and sex distribution of mental health-related separations with specialised psychiatric care. There were 54,412 separations reported for male patients and 58,609 for female patients. Despite this, there were more patient-days reported for male patients, 1,259,586 days compared with 1,122,955 days for female patients. Patients who received specialised psychiatric care were most likely between 25 and 34 years, which accounted for 24.0% of separations for both males and females.

### Mental health legal status

Mental health legal status reported for separations with specialised psychiatric care from 1998–99 to 2002–03 by hospital sector is illustrated in Table 5.2. Overall, there were fluctuations in the proportions of separations in each of the mental health legal status categories during this period. There was a 44.2% decrease in the proportion of separations in the ‘Not reported’ category, from 11.7% in 1998–99 to 6.5% of separations in 2002–03. During the same period there was a corresponding increase in the proportion with a mental health legal status of voluntary (from 57.3% to 61.1%) and a small increase in involuntary separations.

Across hospital sectors, excluding ‘Not reported’ separations, the greater change was observed in voluntary separations in public psychiatric hospitals (a 32.2% increase in the 5-year period), from 37.3% of specialised psychiatric care separations in 1998–99 to 49.4% in 2002–03. This corresponded with a decrease in separations with a mental health legal status of ‘Not reported’ from 12.4% in 1998–99 to zero in 2002–03. This trend was similar in the private hospital sector where the proportions of ‘Not reported’ separations dropped by 28.0% in the 5-year period and voluntary separations increased by 18.2%. A different pattern was evident in public acute hospitals where the proportion of voluntary separations decreased by 4.2% over the period (although the actual numbers of separations increased) and the proportion of involuntary separations increased by 12.9%.

The relatively high number of separations with unreported mental health legal status can obscure trends and should be taken into consideration when analysing the data.

The proportion of separations with specialised psychiatric care for which involuntary mental health legal status was recorded was different for male and female patients. In 2002–03, for male patients, 38.7% of separations had an involuntary status reported, whereas 26.6% of separations for female patients were involuntary (Table 5.3). Male patients had a larger

proportion of separations with an involuntary status than female patients for every age group except the under 15 years age group.

Table 5.4 outlines the mental health legal status reported for separations with specialised psychiatric care by hospital type during 2002–03. The data on mental health legal status are collected to indicate whether a patient has been involuntarily detained. The legislative arrangements under which patients can be involuntarily detained differ between jurisdictions and these differences may be reflected in the proportion of separations reported as involuntary for each jurisdiction. Private hospitals in New South Wales, Victoria and South Australia do not have beds gazetted for use by involuntary patients. For all private hospital separations, *Mental health legal status* was recorded as ‘Not reported’ in Victoria. Therefore caution should be used in the interpretation of these data.

The mental health legal status recorded for separations with specialised psychiatric care from public psychiatric hospitals was more often involuntary (50.6%) than separations from public acute (40.1%) and private hospitals (0.8%).

### **Area of usual residence**

Table 5.5 reports the number of separations by the patient’s state or territory and Remoteness Area of usual residence. Generally, there were fewer specialised separations per 1,000 population for patients whose residential area was a remote or outer regional area than for patients from major cities and inner regional areas. There were 5.8 separations per 1,000 population for patients from major cities compared with 5.9 from inner regional areas, 4.3 from outer regional areas, 3.0 from remote areas and 2.7 from very remote areas.

Figure 1.14 presents the number of overnight separations with and without specialised psychiatric care per 1,000 population by Remoteness Area.

### **Aboriginal and Torres Strait Islander peoples**

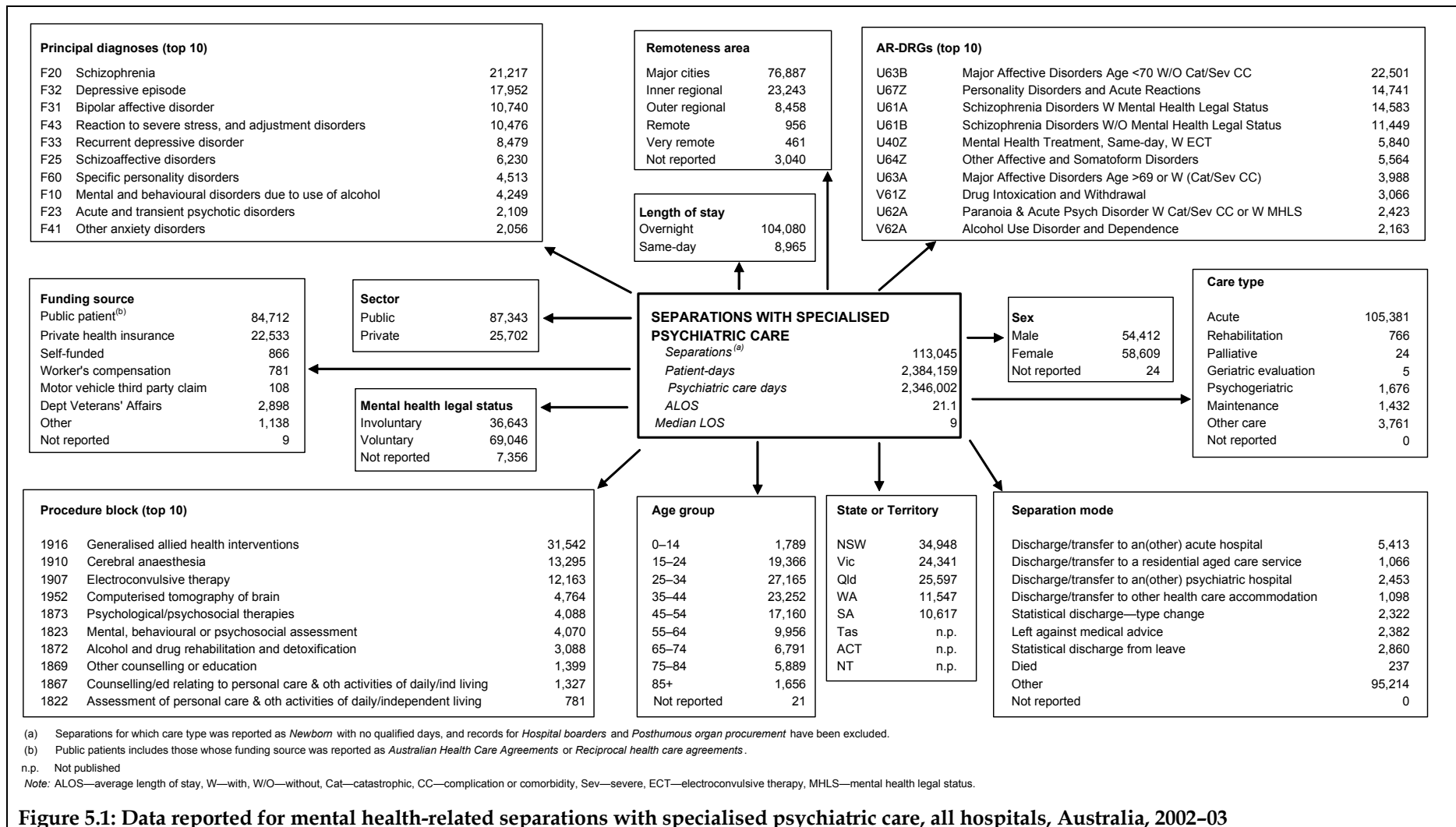
Table 5.6 presents the number of mental health-related separations with specialised psychiatric care, patient-days and psychiatric care days by Indigenous status for 2002–03. Indigenous Australians include Aboriginal and/or Torres Strait Islander peoples (see Glossary). The quality of data on Aboriginal and Torres Strait Islander status varies by jurisdiction, and so these figures should be used with caution. Further detail about the quality of these data can be found in *Australian Hospital Statistics 2002–03* (AIHW 2004d).

There were 10.0 separations with specialised psychiatric care per 1,000 population for Aboriginal and Torres Strait Islander peoples compared with 5.6 for other Australians. The rates for overnight separations with specialised psychiatric care followed the same pattern as for total separations and are presented in Figure 1.15.

In major cities, the proportion of separations for Aboriginal and Torres Strait Islander peoples that included specialised psychiatric care was slightly larger compared with other Australians (1,655 (65.5%) and 74,049 (64.1%) of mental health-related separations, respectively; see Tables 5.6 and 6.3). However, in regional and remote areas the proportion of separations for Aboriginal and Torres Strait Islander peoples that included specialised psychiatric care was lower than for other Australians. In inner regional areas, Aboriginal and Torres Strait Islander peoples received specialised psychiatric care during 807 (54.2%) of mental health-related separations compared with 21,767 (55.8%) for other Australians. Similarly, Aboriginal and Torres Strait Islander peoples residing in remote areas received less specialised psychiatric

care (21.9% of mental health-related separations) than other Australians (25.9% of mental health-related separations).

The average length of stay for overnight separations with specialised psychiatric care for patients identified as Aboriginal or Torres Strait Islander patients was 20.6 days compared with 22.9 patient-days for other Australians.



**Figure 5.1: Data reported for mental health-related separations with specialised psychiatric care, all hospitals, Australia, 2002-03**

**Table 5.1: Mental health-related separations<sup>(a)</sup> with specialised psychiatric care, by age group and sex, Australia 2002–03**

	Under 15	15–24	25–34	35–44	45–54	55–64	65 and over	Total
<b>Male</b>								
Separations								
Same-day	53	323	405	583	648	371	846	3,229
Overnight	792	9,512	14,439	10,558	7,180	4,119	4,583	51,183
Total	845	9,835	14,844	11,141	7,828	4,490	5,429	54,412
Patient-days	25,021	225,465	334,208	223,091	173,670	111,870	166,261	1,259,586
Specialised psychiatric care days	24,863	222,965	327,850	219,603	169,332	107,734	162,651	1,234,998
<b>Female</b>								
Separations								
Same-day	130	549	719	1,014	967	774	1,583	5,736
Overnight	814	8,980	11,601	11,097	8,365	4,692	7,324	52,873
Total	944	9,529	12,320	12,111	9,332	5,466	8,907	58,609
Patient-days	10,656	153,115	231,825	210,978	164,080	119,434	232,867	1,122,955
Specialised psychiatric care days	10,182	150,889	230,040	208,381	162,237	118,061	229,596	1,109,386
<b>Total persons<sup>(b)</sup></b>								
Separations								
Same-day	183	872	1,124	1,597	1,615	1,145	2,429	8,965
Overnight	1,606	18,494	26,041	21,655	15,545	8,811	11,907	104,080
Total	1,789	19,366	27,165	23,252	17,160	9,956	14,336	113,045
Patient-days	35,677	378,604	566,093	434,069	337,750	231,304	399,128	2,384,159
Specialised psychiatric care days	35,045	373,878	557,950	427,984	331,569	225,795	392,247	2,346,002

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes separations for which sex was not reported.

**Table 5.2: Separations<sup>(a)</sup> with specialised psychiatric care, by mental health legal status and hospital type, Australia, 1998–99 to 2002–03**

<b>Mental health legal status</b>	<b>1998–99</b>	<b>1999–00</b>	<b>2000–01</b>	<b>2001–02</b>	<b>2002–03</b>
<b>Public acute hospitals</b>					
Involuntary	22,888	25,258	22,328	25,691	29,595
Voluntary	39,957	41,846	44,915	45,370	43,880
Not reported	1,589	1,311	832	830	353
<i>Total public acute hospitals</i>	<i>64,434</i>	<i>68,415</i>	<i>68,075</i>	<i>71,891</i>	<i>73,828</i>
<b>Private hospitals</b>					
Involuntary	280	207	499	390	204
Voluntary	13,479	12,915	18,345	18,645	18,495
Not reported	8,381	9,202	5,990	6,166	7,003
<i>Total private hospitals</i>	<i>22,140</i>	<i>22,324</i>	<i>24,834</i>	<i>25,201</i>	<i>25,702</i>
<b>Public psychiatric hospitals</b>					
Involuntary	9,691	9,362	7,492	6,448	6,844
Voluntary	7,190	6,411	7,651	7,429	6,671
Not reported	2,382	329	0	0	0
<i>Total public psychiatric hospitals</i>	<i>19,263</i>	<i>16,102</i>	<i>15,143</i>	<i>13,877</i>	<i>13,515</i>
<b>All hospitals</b>					
Involuntary	32,859	34,827	30,319	32,529	36,643
Voluntary	60,626	61,172	70,911	71,444	69,046
Not reported	12,352	10,842	6,822	6,996	7,356
<b>Total</b>	<b>105,837</b>	<b>106,841</b>	<b>108,052</b>	<b>110,969</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

**Table 5.3: Separations<sup>(a)</sup> with specialised psychiatric care, by mental health legal status, sex and age group, Australia, 2002–03**

	Involuntary		Voluntary		Not reported		Total	
	Same day	Overnight	Same day	Overnight	Same day	Overnight	Same day	Overnight
<b>Males</b>								
Under 15 years	3	62	50	725	0	5	53	792
15–24 years	64	4,688	222	4,599	37	225	323	9,512
25–34 years	121	7,090	273	7,046	11	303	405	14,439
35–44 years	63	4,388	454	5,779	66	391	583	10,558
45–54 years	36	2,333	547	4,370	65	477	648	7,180
55–64 years	32	1,053	313	2,761	26	305	371	4,119
65 or older	36	1,083	767	3,104	43	396	846	4,583
<i>Total males</i>	<b>355</b>	<b>20,697</b>	<b>2,626</b>	<b>28,384</b>	<b>248</b>	<b>2,102</b>	<b>3,229</b>	<b>51,183</b>
<b>Females</b>								
Under 15 years	3	100	126	698	1	16	130	814
15–24 years	64	2,779	419	5,711	66	490	549	8,980
25–34 years	68	3,847	546	6,952	105	802	719	11,601
35–44 years	63	3,410	859	6,767	92	920	1,014	11,097
45–54 years	56	2,305	743	5,178	168	882	967	8,365
55–64 years	25	1,258	662	2,956	87	478	774	4,692
65 or older	79	1,519	1,426	4,985	78	820	1,583	7,324
<i>Total females</i>	<b>358</b>	<b>15,218</b>	<b>4,781</b>	<b>33,247</b>	<b>597</b>	<b>4,408</b>	<b>5,736</b>	<b>52,873</b>
<b>Total<sup>(b)</sup></b>								
Under 15 years	6	162	176	1,423	1	21	183	1,606
15–24 years	128	7,469	641	10,310	103	715	872	18,494
25–34 years	189	10,937	819	13,998	116	1,106	1,124	26,041
35–44 years	126	7,798	1,313	12,546	158	1,311	1,597	21,655
45–54 years	92	4,638	1,290	9,548	233	1,359	1,615	15,545
55–64 years	57	2,311	975	5,717	113	783	1,145	8,811
65 or older	115	2,602	2,193	8,089	121	1,216	2,429	11,907
<b>Total persons</b>	<b>713</b>	<b>35,930</b>	<b>7,407</b>	<b>61,639</b>	<b>845</b>	<b>6,511</b>	<b>8,965</b>	<b>104,080</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes separations for which sex was not reported.

**Table 5.4: Separations<sup>(a)</sup> with specialised psychiatric care, by mental health legal status and hospital type, states and territories<sup>(b)</sup>, 2002–03**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospitals</b>									
Same-day separations									
Involuntary	104	108	215	52	46	100	0	2	627
Voluntary	1,093	235	1,714	189	507	504	78	3	4,323
Not reported	0	0	0	0	0	0	0	12	12
<i>Total same-day</i>	<i>1,197</i>	<i>343</i>	<i>1,929</i>	<i>241</i>	<i>553</i>	<i>604</i>	<i>78</i>	<i>17</i>	<i>4,962</i>
Overnight separations									
Involuntary	7,969	8,513	7,582	1,760	1,698	850	398	198	28,968
Voluntary	10,961	8,308	9,642	4,621	3,435	1,368	838	384	39,557
Not reported	0	114	0	0	0	0	0	227	341
<i>Total overnight</i>	<i>18,930</i>	<i>16,935</i>	<i>17,224</i>	<i>6,381</i>	<i>5,133</i>	<i>2,218</i>	<i>1,236</i>	<i>809</i>	<i>68,866</i>
All separations									
Involuntary	8,073	8,621	7,797	1,812	1,744	950	398	200	29,595
Voluntary	12,054	8,543	11,356	4,810	3,942	1,872	916	387	43,880
Not reported	0	114	0	0	0	0	0	239	353
<i>Total</i>	<i>20,127</i>	<i>17,278</i>	<i>19,153</i>	<i>6,622</i>	<i>5,686</i>	<i>2,822</i>	<i>1,314</i>	<i>826</i>	<i>73,828</i>
<b>Private hospitals</b>									
Same-day separations									
Involuntary	0	0	7	0	0	n.p.	n.p.	n.p.	7
Voluntary	737	0	1,140	292	346	n.p.	n.p.	n.p.	2,515
Not reported	0	833	0	0	0	n.p.	n.p.	n.p.	833
<i>Total same-day</i>	<i>737</i>	<i>833</i>	<i>1,147</i>	<i>292</i>	<i>346</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>3,355</i>
Overnight separations									
Involuntary	0	0	69	126	2	n.p.	n.p.	n.p.	197
Voluntary	6,396	0	4,763	2,568	1,876	n.p.	n.p.	n.p.	15,980
Not reported	0	5,796	0	0	0	n.p.	n.p.	n.p.	6,170
<i>Total overnight</i>	<i>6,396</i>	<i>5,796</i>	<i>4,832</i>	<i>2,694</i>	<i>1,878</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>22,347</i>
All separations									
Involuntary	0	0	76	126	2	n.p.	n.p.	n.p.	204
Voluntary	7,133	0	5,903	2,860	2,222	n.p.	n.p.	n.p.	18,495
Not reported	0	6,629	0	0	0	n.p.	n.p.	n.p.	7,003
<i>Total</i>	<i>7,133</i>	<i>6,629</i>	<i>5,979</i>	<i>2,986</i>	<i>2,224</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>25,702</i>

(continued)

**Table 5.4 (continued): Separations<sup>(a)</sup> with specialised psychiatric care, by mental health legal status and hospital type, states and territories<sup>(b)</sup>, 2002–03**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public psychiatric hospitals<sup>(c)</sup></b>									
Same-day separations									
Involuntary	40	2	2	14	21	0	..	..	79
Voluntary	332	0	1	5	227	4	..	..	569
Not reported	0	0	0	0	0	0	..	..	0
<i>Total same-day</i>	372	2	3	19	248	4	..	..	648
Overnight separations									
Involuntary	2,882	342	322	1,344	1,851	24	..	..	6,765
Voluntary	4,434	90	140	576	608	254	..	..	6,102
Not reported	0	0	0	0	0	0	..	..	0
<i>Total overnight</i>	7,316	432	462	1,920	2,459	278	..	..	12,867
All separations									
Involuntary	2,922	344	324	1,358	1,872	24	..	..	6,844
Voluntary	4,766	90	141	581	835	258	..	..	6,671
Not reported	0	0	0	0	0	0	..	..	0
<i>Total</i>	7,688	434	465	1,939	2,707	282	..	..	13,515
<b>All hospitals</b>									
Same-day separations									
Involuntary	144	110	224	66	67	n.p.	n.p.	n.p.	713
Voluntary	2,162	235	2,855	486	1,080	n.p.	n.p.	n.p.	7,407
Not reported	0	833	0	0	0	n.p.	n.p.	n.p.	845
<i>Total same-day</i>	2,306	1,178	3,079	552	1,147	n.p.	n.p.	n.p.	8,965
Overnight separations									
Involuntary	10,851	8,855	7,973	3,230	3,551	n.p.	n.p.	n.p.	35,930
Voluntary	21,791	8,398	14,545	7,765	5,919	n.p.	n.p.	n.p.	61,639
Not reported	0	5,910	0	0	0	n.p.	n.p.	n.p.	6,511
<i>Total overnight</i>	32,642	23,163	22,518	10,995	9,470	n.p.	n.p.	n.p.	104,080
All separations									
Involuntary	10,995	8,965	8,197	3,296	3,618	n.p.	n.p.	n.p.	36,643
Voluntary	23,953	8,633	17,400	8,251	6,999	n.p.	n.p.	n.p.	69,046
Not reported	0	6,743	0	0	0	n.p.	n.p.	n.p.	7,356
<b>Total</b>	<b>34,948</b>	<b>24,341</b>	<b>25,597</b>	<b>11,547</b>	<b>10,617</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

(c) Victoria has only one public psychiatric hospital which is a forensic facility and therefore not strictly comparable with public psychiatric hospitals in other jurisdictions.

n.p. Not published.

.. Not applicable.

**Table 5.5: Mental health-related separations<sup>(a)</sup> with specialised psychiatric care, by Remoteness Area of usual residence of the patient, by hospital type and state or territory of usual residence, 2002–03**

Remoteness Area of usual residence <sup>(b)</sup>	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total <sup>(c)</sup>
<b>Public acute hospitals</b>									
Major cities	11,924	12,132	11,082	5,140	4,947	..	1,200	..	46,425
Inner regional	6,429	3,718	4,700	747	355	2,045	0	..	18,001
Outer regional	1,240	1,023	2,499	448	257	759	..	466	6,692
Remote	53	21	206	76	56	22	..	154	588
Very remote	17	..	97	21	15	7	..	154	315
Not reported	502	6	5	169	2	0	8	9	1,807
<b>Total</b>	<b>20,165</b>	<b>16,900</b>	<b>18,589</b>	<b>6,601</b>	<b>5,632</b>	<b>2,833</b>	<b>1,208</b>	<b>783</b>	<b>73,828</b>
<b>Private hospitals</b>									
Major cities	6,098	5,897	4,324	2,560	1,872	n.p.	n.p.	n.p.	21,030
Inner regional	1,039	653	1,089	225	214	n.p.	n.p.	n.p.	3,327
Outer regional	246	61	290	115	107	n.p.	n.p.	n.p.	859
Remote	14	2	42	43	13	n.p.	n.p.	n.p.	118
Very remote	3	..	13	27	10	n.p.	n.p.	n.p.	56
Not reported	16	3	3	25	0	n.p.	n.p.	n.p.	312
<b>Total</b>	<b>7,416</b>	<b>6,616</b>	<b>5,761</b>	<b>2,995</b>	<b>2,216</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>25,702</b>
<b>Public psychiatric hospitals</b>									
Major cities	5,512	392	212	1,366	1,932	..	18	..	9,432
Inner regional	1,063	52	125	118	307	249	0	..	1,915
Outer regional	363	8	105	146	247	34	..	4	907
Remote	73	1	12	102	59	1	..	2	250
Very remote	10	..	6	46	28	0	..	0	90
Not reported	476	0	1	144	0	0	0	0	921
<b>Total</b>	<b>7,497</b>	<b>453</b>	<b>461</b>	<b>1,922</b>	<b>2,573</b>	<b>284</b>	<b>18</b>	<b>6</b>	<b>13,515</b>
<b>All hospitals</b>									
Major cities	23,534	18,421	15,618	9,066	8,751	n.p.	n.p.	n.p.	76,887
Inner regional	8,531	4,423	5,914	1,090	876	n.p.	n.p.	n.p.	23,243
Outer regional	1,849	1,092	2,894	709	611	n.p.	n.p.	n.p.	8,458
Remote	140	24	260	221	128	n.p.	n.p.	n.p.	956
Very remote	30	0	116	94	53	n.p.	n.p.	n.p.	461
Not reported	994	9	9	338	2	n.p.	n.p.	n.p.	3,040
<b>Total</b>	<b>35,078</b>	<b>23,969</b>	<b>24,811</b>	<b>11,518</b>	<b>10,421</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>113,045</b>
<b>Age-standardised separation rate<sup>(d)</sup></b>									
Same-day separations per 1,000 population									
Major cities	0.4	0.3	1.1	0.3	0.9	..	0.2	..	0.5
Inner regional	0.3	0.1	0.8	0.2	0.4	1.6	0.0	..	0.5
Outer regional	0.1	0.1	0.2	0.2	0.3	0.7	..	0.1	0.2
Remote	0.0	0.0	0.2	0.0	0.1	0.0	..	0.0	0.0
Very remote	0.0	..	0.0	0.0	0.2	0.7	..	0.1	0.1
<b>Total</b>	<b>0.3</b>	<b>0.2</b>	<b>0.8</b>	<b>0.3</b>	<b>0.7</b>	<b>1.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.5</b>
Overnight separations per 1,000 population									
Major cities	4.5	4.7	6.8	6.3	7.0	..	4.4	..	5.3
Inner regional	6.3	4.4	5.6	4.5	4.3	6.4	0.0	..	5.5
Outer regional	4.0	4.5	4.3	3.7	3.2	4.7	..	4.2	4.1
Remote	3.7	4.4	2.7	2.4	2.8	3.3	..	3.8	3.0
Very remote	3.9	..	2.2	1.9	3.7	2.0	..	3.2	2.6
<b>Total</b>	<b>4.9</b>	<b>4.7</b>	<b>5.9</b>	<b>5.7</b>	<b>6.1</b>	<b>5.8</b>	<b>4.4</b>	<b>3.9</b>	<b>5.3</b>
All separations per 1,000 population									
Major cities	4.9	5.0	7.9	6.6	7.9	..	4.6	..	5.8
Inner regional	6.5	4.5	6.4	4.8	4.8	8.1	0.0	..	5.9
Outer regional	4.1	4.5	4.5	4.0	3.6	5.4	..	4.4	4.3
Remote	3.8	4.3	2.9	2.5	2.9	3.3	..	3.8	3.0
Very remote	4.0	..	2.3	1.9	3.9	2.8	..	3.4	2.7
<b>Total</b>	<b>5.3</b>	<b>4.9</b>	<b>6.7</b>	<b>6.0</b>	<b>6.8</b>	<b>7.1</b>	<b>4.6</b>	<b>4.1</b>	<b>5.8</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Defined according to the ABS's *Remoteness Area Classification*, 2001 Census edition. See Glossary for more information.

(c) Includes separations for which the state of usual residence was Other territories or not reported.

(d) Rates were indirectly age-standardised using the estimated resident population as at 30 June 2001.

n.p. Not published.

.. Not applicable.

**Table 5.6: Mental health-related separations<sup>(a)</sup> with specialised psychiatric care, by Indigenous status and Remoteness Area of usual residence, Australia, 2002–03**

Remoteness Area of usual residence <sup>(b)</sup>	Separations			Patient-days	Psychiatric care days	Average length of stay (overnight)	Psychiatric care days per overnight separation
	Same-day	Overnight	Total				
<b>Aboriginal and/or Torres Strait Islander peoples<sup>(c)</sup></b>							
Major cities	60	1,595	1,655	33,936	33,727	21.2	21.1
Inner regional	12	795	807	12,906	12,770	16.2	16.0
Outer regional	17	771	788	15,643	15,493	20.3	20.1
Remote	3	243	246	6,258	6,245	25.7	25.7
Very remote	4	235	239	3,346	3,321	14.2	14.1
Not reported	2	154	156	6,202	6,201	40.3	40.3
<b>Total</b>	<b>98</b>	<b>3,793</b>	<b>3,891</b>	<b>78,291</b>	<b>77,757</b>	<b>20.6</b>	<b>20.5</b>
<i>Per 1,000 population<sup>(d)</sup></i>	<i>0.3</i>	<i>9.6</i>	<i>10.0</i>	<i>210.6</i>	<i>209.0</i>	<i>..</i>	<i>..</i>
<b>Other Australians<sup>(e)</sup></b>							
Major cities	6,349	67,700	74,049	1,644,560	1,616,478	24.2	23.8
Inner regional	1,798	19,969	21,767	359,584	352,530	17.9	17.6
Outer regional	370	7,054	7,424	180,912	179,438	25.6	25.4
Remote	11	632	643	14,037	13,828	22.2	21.9
Very remote	6	194	200	3,655	3,622	18.8	18.6
Not reported	56	2,697	2,753	58,180	57,724	21.6	21.4
<b>Total</b>	<b>8,590</b>	<b>98,246</b>	<b>106,836</b>	<b>2,260,928</b>	<b>2,223,620</b>	<b>22.9</b>	<b>22.5</b>
<i>Per 1,000 population<sup>(d)</sup></i>	<i>0.4</i>	<i>5.1</i>	<i>5.6</i>	<i>117.4</i>	<i>115.5</i>	<i>..</i>	<i>..</i>
<b>Total</b>							
Major cities	6,583	70,304	76,887	1,702,843	1,674,305	24.1	23.7
Inner regional	1,892	21,351	23,243	383,342	376,122	17.9	17.5
Outer regional	395	8,063	8,458	200,303	198,660	24.8	24.6
Remote	23	933	956	21,116	20,894	22.6	22.4
Very remote	10	451	461	7,424	7,362	16.4	16.3
Not reported	62	2,978	3,040	69,131	68,659	23.2	23.0
<b>Total</b>	<b>8,965</b>	<b>104,080</b>	<b>113,045</b>	<b>2,384,159</b>	<b>2,346,002</b>	<b>22.8</b>	<b>22.5</b>
<i>Per 1,000 population<sup>(d)</sup></i>	<i>0.5</i>	<i>5.3</i>	<i>5.8</i>	<i>121.5</i>	<i>119.5</i>	<i>..</i>	<i>..</i>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Defined according to the ABS's *Remoteness Area Classification*, 2001 Census edition. See Glossary for more information.

(c) Includes separations of patients identified as being either of 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.

(d) Rates were indirectly age-standardised using the estimated resident population as at 30 June 2001.

(e) Does not include separations for patients for which Aboriginal and Torres Strait Islander status was not reported.

.. Not applicable.

## 5.3 Principal diagnosis

This section presents the principal diagnoses recorded for mental health-related separations with specialised psychiatric care, using various groupings of ICD-10-AM diagnosis codes.

### Overview

Table 5.7 presents principal diagnosis information by hospital type for the years 1998–99 to 2002–03.

Separations with the principal diagnosis group *Depressive episode* (F32) increased by 21.0% between 1998–99 and 2002–03 (from 13.1% of all mental health-related separations with specialised psychiatric care to 15.9%) (Table 5.7). The increase was greatest in the private hospital sector (50.1%). In public acute hospitals, separations with the principal diagnosis group *Recurrent depressive disorders* (F33) decreased from 6.8% to 4.8% of separations in this sector. In public psychiatric hospitals, separations for the principal diagnosis groups *Dementia* (F00–F03), *Mental and behavioural disorders due to use of alcohol* (F10) and *Mental and behavioural disorders due to other psychoactive substance use* (F11–F19) all notably decreased from 1998–99 to 2002–03 (by 54.0%, 51.9% and 50.5% respectively).

In 2002–03, principal diagnoses of *Schizophrenia* (F20) accounted for the highest number of overnight separations with specialised psychiatric care (20,767, or 20.0%) and principal diagnoses of *Depressive episode* (F32) had the second largest number (14,693, or 14.1%) (Table 5.8). *Depressive episode* (F32) accounted for the largest number of specialised care same-day separations (3,259 or 36.4%); and the second largest number was for *Recurrent depressive disorders* (F33, 2,390 or 26.7%).

Separations with the principal diagnosis of *Schizophrenia* (F20) accounted for the greatest number of patient-days and psychiatric care days for separations with specialised psychiatric care, with 836,599 or 35.1% of patient-days and 820,895 or 35.0% of total psychiatric care days. The next largest number of days was reported for *Depressive episode* (F32) (242,391 patient days and 238,801 psychiatric care days).

Table 5.8 also reports the proportion of mental health-related separations with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings. Over 80% of separations with *Schizophrenia* (F20), *Schizoaffective disorders* (F25), *Obsessive-compulsive disorders* (F42), *Specific personality disorders* (F60), *Bipolar affective disorders* (F31) and *Persistent mood (affective) disorders* (F34) had specialised psychiatric care, whereas for disorders such as *Dementia* (F00–F03), *Somatoform and other neurotic disorders* (F45, F48), *Other organic mental disorders* (F04–F09) and *Other behavioural syndromes associated with physiological disturbances and physical factors* (F51–F59), the proportion with specialised psychiatric care was relatively low (16.4%, 23.3%, 22.5% and 18.7% respectively).

### **Box 5.1: Specialised psychiatric care and principal diagnoses**

*Data presented in Tables 4.5, 5.8 and 6.5 indicate that the proportion of separations and patient-days that include specialised psychiatric care varied between principal diagnosis chapters or groups. The principal diagnosis codes used to define mental health-related separations were selected using a range of criteria and include diagnosis groups for which patients are commonly cared for by services other than specialised mental health services.*

*For example, the proportions of overnight separations with specialised psychiatric care and principal diagnoses of Sleep disorders (1.6%), Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and the puerperium (4.0%), Other symptoms and signs involving general sensations and perceptions (10.2%) and Dementia (16.6%), were relatively low. In comparison, overnight separations with principal diagnoses of Schizoaffective disorders (93.4%) Schizophrenia (90.0%), Persistent mood (affective) disorders (90.5%) and Bipolar affective disorders (87.9%) had relatively high proportions with specialised psychiatric care.*

*A similar pattern is apparent in the proportion of patient-days that were psychiatric care days. High proportions of patient-days for separations with principal diagnoses of Schizophrenia (95.7%), Schizoaffective disorders (95.7%), and Bipolar affective disorders (93.5%) were psychiatric care days. The proportions of patient-days that were psychiatric care days were comparatively low for separations with principal diagnoses of Sleep disorders (1.3%), Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and the puerperium (12.8%), Other factors related to substance use (13.2%) and Dementia (28.8%), were comparatively low.*

*These patterns should be considered when data on the provision of specialised psychiatric care are considered.*

## **Hospital type**

The distribution of mental health-related separations with specialised psychiatric care for 2002–03 by principal diagnosis for each hospital type is presented in Table 5.9. Of all public acute hospital separations with specialised psychiatric care, approximately 23% had a principal diagnosis in the *Schizophrenia* (F20) grouping, which also accounted for approximately 33% of reported public acute hospital patient-days and psychiatric care days. Approximately 14% had principal diagnoses of *Depressive episode* (F32), which accounted for about 11% of public acute hospital patient-days and psychiatric care days.

Separations with principal diagnoses of *Depressive episode* (F32) accounted for around 25% of all private hospital separations, patient-days and psychiatric care days. Separations with principal diagnoses of *Recurrent depressive disorders* (F33) were the next largest group, accounting for approximately 18% of all private hospital separations and about 16% of patient-days and psychiatric care days. The most common same-day separations with specialised psychiatric care in private hospitals were those with principal diagnoses of *Depressive episode* (F32) (40.9%) and *Recurrent depressive disorders* (F33) (37.2%). For overnight separations with specialised psychiatric care, the corresponding figures were 22.8% for *Depressive episode*, 15.6% for *Recurrent depressive disorders* and 10.7% for *Reaction to severe stress and adjustment disorders*.

Over 25% of all public psychiatric hospital separations with specialised psychiatric care and 51.5% of all psychiatric care days in public psychiatric hospitals were attributed to principal diagnoses of *Schizophrenia* (F20). Principal diagnoses of *Schizophrenia* (F20) also accounted for the largest proportion of specialised overnight separations and patient-days in public psychiatric hospitals (26.9% and 52.0% respectively).

Figures 1.20 and 1.22 present data on mental health-related separations by principal diagnosis for public and private hospitals, respectively. Figure 1.21 presents the proportions of mental health-related separations that included specialised psychiatric care for public and private hospitals.

**Table 5.7: Separations<sup>(a)</sup> with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings and hospital type, Australia, 1998–99 to 2002–03**

Principal diagnosis	Public acute hospitals					Private hospitals				
	1998–99	1999–00	2000–01	2001–02	2002–03	1998–99	1999–00	2000–01	2001–02	2002–03
F00–F03 Dementia	808	818	806	769	696	162	139	171	141	130
F04–F09 Other organic mental disorders	769	720	705	678	625	192	220	199	158	158
F10 Mental and behavioural disorders due to use of alcohol	1,506	1,572	1,530	1,478	1,541	1,610	1,874	2,154	2,321	2,245
F11–F19 Mental and behav disorders due to other psychoactive substances use	2,509	3,110	3,195	3,434	3,180	1,240	1,442	1,489	1,207	1,086
F20 Schizophrenia	13,879	14,845	15,064	15,830	16,632	1,006	1,060	1,264	1,283	1,110
F21, F24, F28–F29 Schizotypal and other delusional disorders	1,374	1,393	1,335	1,506	1,387	85	92	86	87	93
F22 Persistent delusional disorders	835	1,014	843	863	944	115	127	138	116	125
F23 Acute and transient psychotic disorders	1,396	1,468	1,361	1,709	1,650	97	115	141	148	98
F25 Schizoaffective disorders	3,267	3,261	3,354	3,951	4,330	663	671	785	851	989
F30 Manic episode	567	603	560	602	615	88	85	116	84	76
F31 Bipolar affective disorders	6,272	6,771	6,712	6,884	7,197	1,632	1,711	2,121	2,260	2,356
F32 Depressive episode	8,726	9,623	9,730	9,910	10,267	3,712	4,631	5,677	6,113	6,470
F33 Recurrent depressive disorders	4,386	3,706	3,450	3,289	3,571	4,754	3,998	4,218	4,276	4,730
F34 Persistent mood (affective) disorders	1,176	1,053	997	1,063	1,027	492	374	327	435	362
F38, F39 Other and unspecified mood (affective) disorders	116	120	86	107	134	42	64	37	37	42
F40 Phobic anxiety disorders	53	93	67	67	57	50	63	94	117	60
F41 Other anxiety disorders	550	832	715	761	892	597	882	949	1,001	1,016
F42 Obsessive-compulsive disorders	231	225	183	186	192	127	148	159	160	153
F43 Reaction to severe stress and adjustment disorders	6,000	6,767	6,829	6,796	6,814	1,939	2,490	2,635	2,524	2,520
F44 Dissociative (conversion) disorders	217	182	220	142	163	219	248	264	303	288
F45, F48 Somatoform and other neurotic disorders	280	104	110	82	96	74	71	60	55	62
F50 Eating disorders	749	689	620	608	557	507	443	454	462	482
F51–F59 Other behav syndromes associated w physiol dist & phys factors	191	297	225	249	192	105	171	208	154	102
F60 Specific personality disorders	3,266	3,568	3,668	3,734	3,372	395	455	441	433	403
F61–F69 Disorders of adult personality and behaviour	105	183	198	176	189	73	98	74	86	68
F70–F79 Mental retardation	92	124	144	124	148	7	2	7	4	3
F80–F89 Disorders of psychological development	124	110	125	120	142	13	13	14	12	11
F90 Hyperkinetic disorders	106	132	181	89	66	7	5	19	8	8
F91 Conduct disorders	385	385	436	337	310	37	9	31	14	7
F92–F98 Other & unspec disorders w onset childhood adolescence	193	179	170	144	133	19	12	16	8	8
F99 Mental disorder not otherwise specified	18	68	52	120	185	3	4	1	0	9
G30 Alzheimer's disease	189	392	392	489	514	39	71	73	70	89
G47 Sleep disorders	9	6	5	3	12	258	71	9	20	57
O99.3 Mental disorders & dis of the nerv sys complic preg, child & puerp	179	88	90	63	66	188	8	7	4	5
R44 Other symptoms & signs involving general sensations and perceptions	30	33	24	21	27	4	2	3	0	3
R45 Symptoms & signs involving emotional state	14	35	39	46	59	0	4	5	2	5
R48 Dyslexia and other symbolic dysfunctions, not elsewhere classified	2	0	0	0	1	0	0	0	0	0
Other factors related to mental and behavioural disorders <sup>(b)</sup>	393	460	364	290	287	8	2	6	3	15
Other factors related to substance use <sup>(c)</sup>	1	1	1	2	3	1	85	7	0	0
Other <sup>(d)</sup>	3,471	3,385	3,489	5,169	5,555	1,580	364	375	244	258
<b>Total</b>	<b>64,434</b>	<b>68,415</b>	<b>68,075</b>	<b>71,891</b>	<b>73,828</b>	<b>22,140</b>	<b>22,324</b>	<b>24,834</b>	<b>25,201</b>	<b>25,702</b>

(continued)

**Table 5.7 (continued): Separations<sup>(a)</sup> with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings and hospital type, Australia, 1998–99 to 2002–03**

Principal diagnosis	Public psychiatric hospitals					All hospitals				
	1998–99	1999–00	2000–01	2001–02	2002–03	1998–99	1999–00	2000–01	2001–02	2002–03
F00–F03 Dementia	707	464	305	210	228	1,677	1,421	1,282	1,120	1,054
F04–F09 Other organic mental disorders	327	263	202	179	172	1,288	1,203	1,106	1,015	955
F10 Mental and behavioural disorders due to use of alcohol	1,371	788	535	487	463	4,487	4,234	4,219	4,286	4,249
F11–F19 Mental and behav disorders due to other psychoactive substances use	2,254	1,614	965	935	783	6,003	6,166	5,649	5,576	5,049
F20 Schizophrenia	4,076	3,867	3,422	3,562	3,475	18,961	19,772	19,750	20,675	21,217
F21, F24, F28–F29 Schizotypal and other delusional disorders	364	278	466	321	293	1,823	1,763	1,887	1,914	1,773
F22 Persistent delusional disorders	234	230	184	199	161	1,184	1,371	1,165	1,178	1,230
F23 Acute and transient psychotic disorders	343	333	206	333	361	1,836	1,916	1,708	2,190	2,109
F25 Schizoaffective disorders	819	845	782	879	911	4,749	4,777	4,921	5,681	6,230
F30 Manic episode	161	158	130	121	89	816	846	806	807	780
F31 Bipolar affective disorders	1,704	1,585	1,441	1,239	1,187	9,608	10,067	10,274	10,383	10,740
F32 Depressive episode	1,451	1,451	1,382	1,143	1,215	13,889	15,705	16,789	17,166	17,952
F33 Recurrent depressive disorders	334	218	231	164	178	9,474	7,922	7,899	7,729	8,479
F34 Persistent mood (affective) disorders	174	169	214	176	170	1,842	1,596	1,538	1,674	1,559
F38, F39 Other and unspecified mood (affective) disorders	27	14	7	27	20	185	198	130	171	196
F40 Phobic anxiety disorders	28	20	47	36	11	131	176	208	220	128
F41 Other anxiety disorders	71	69	83	126	148	1,218	1,783	1,747	1,888	2,056
F42 Obsessive-compulsive disorders	61	31	48	111	63	419	404	390	457	408
F43 Reaction to severe stress and adjustment disorders	1,804	1,543	1,594	1,420	1,142	9,743	10,800	11,058	10,740	10,476
F44 Dissociative (conversion) disorders	36	37	50	11	20	472	467	534	456	471
F45, F48 Somatoform and other neurotic disorders	19	24	15	7	9	373	199	185	144	167
F50 Eating disorders	28	9	23	37	26	1,284	1,141	1,097	1,107	1,065
F51–F59 Other behav syndromes associated w physiol dist & phys factors	106	23	22	59	14	402	491	455	462	308
F60 Specific personality disorders	1,179	1,008	863	653	738	4,840	5,031	4,972	4,820	4,513
F61–F69 Disorders of adult personality and behaviour	39	60	56	52	57	217	341	328	314	314
F70–F79 Mental retardation	66	73	83	66	43	165	199	234	194	194
F80–F89 Disorders of psychological development	50	27	34	46	113	187	150	173	178	266
F90 Hyperkinetic disorders	36	10	42	16	19	149	147	242	113	93
F91 Conduct disorders	32	59	254	87	66	454	453	721	438	383
F92–F98 Other & unspec disorders w onset childhood adolescence	55	28	62	40	49	267	219	248	192	190
F99 Mental disorder not otherwise specified	90	38	3	6	1	111	110	56	126	195
G30 Alzheimer's disease	83	79	108	125	163	311	542	573	684	766
G47 Sleep disorders	0	0	0	0	0	267	77	14	23	69
O99.3 Mental disorders & dis of the nerv sys complic preg, child & puerp	1	1	2	1	5	368	97	99	68	76
R44 Other symptoms & signs involving general sensations and perceptions	2	0	7	1	1	36	35	34	22	31
R45 Symptoms & signs involving emotional state	1	2	2	2	0	15	41	46	50	64
R48 Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	0	0	0	0	2	0	0	0	1
Other factors related to mental and behavioural disorders <sup>(b)</sup>	49	49	341	241	262	450	511	711	534	564
Other factors related to substance use <sup>(c)</sup>	96	112	0	1	6	98	198	8	3	9
Other <sup>(d)</sup>	985	523	932	758	853	6,036	4,272	4,796	6,171	6,666
<b>Total</b>	<b>19,263</b>	<b>16,102</b>	<b>15,143</b>	<b>13,877</b>	<b>13,515</b>	<b>105,837</b>	<b>106,841</b>	<b>108,052</b>	<b>110,969</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, subst—substances, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, child—childbirth, puerp—puerperium, physiol—physiological, unspec—unspecified.

**Table 5.8: Separations<sup>(a)</sup>, patient days and psychiatric care days for separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings, Australia, 2002-03**

Principal diagnosis	Separations							Patient-days	Psychiatric care days	% patient-days <sup>(c)</sup>	Average length of stay (o'night)	Psychiatric care days per sep (o'night)
	Same-day	% total <sup>(b)</sup>	Overnight	% total <sup>(b)</sup>	Total	% total <sup>(b)</sup>	Total					
F00-F03	Dementia	11	6	1,043	17	1,054	16	50,169	49,716	28.8	48.1	47.7
F04-F09	Other organic mental disorders	25	12	930	23	955	23	46,515	46,150	53.4	50.0	49.6
F10	Mental and behavioural disorders due to use of alcohol	74	8	4,175	25	4,249	24	54,074	53,227	43.1	12.9	12.7
F11-F19	Mental and behav disorders due to other psychoactive substances use	81	15	4,968	49	5,049	47	49,901	49,523	62.0	10.0	10.0
F20	Schizophrenia	450	25	20,767	90	21,217	85	836,599	820,895	95.7	40.3	39.5
F21, F24, F28-F29	Schizotypal and other delusional disorders	93	23	1,680	76	1,773	68	26,791	26,437	89.7	15.9	15.7
F22	Persistent delusional disorders	43	26	1,187	77	1,230	72	23,996	22,673	84.6	20.2	19.1
F23	Acute and transient psychotic disorders	109	18	2,000	75	2,109	65	26,640	26,128	88.1	13.3	13.0
F25	Schizoaffective disorders	356	37	5,874	93	6,230	86	141,832	141,186	95.7	24.1	24.0
F30	Manic episode	12	9	768	78	780	70	12,283	12,091	88.6	16.0	15.7
F31	Bipolar affective disorders	752	47	9,988	88	10,740	83	201,575	199,912	93.5	20.1	19.9
F32	Depressive episode	3,259	52	14,693	65	17,952	62	242,391	238,801	79.2	16.3	16.0
F33	Recurrent depressive disorders	2,390	54	6,089	78	8,479	70	113,362	112,468	85.3	18.2	18.1
F34	Persistent mood (affective) disorders	41	69	1,518	91	1,559	90	18,532	18,312	92.3	12.2	12.0
F38, F39	Other and unspecified mood (affective) disorders	6	40	190	81	196	78	2,706	2,694	90.4	14.2	14.1
F40	Phobic anxiety disorders	5	42	123	70	128	68	1,873	1,855	80.0	15.2	15.0
F41	Other anxiety disorders	139	40	1,917	28	2,056	29	30,500	29,876	55.0	15.8	15.5
F42	Obsessive-compulsive disorders	42	78	366	85	408	84	6,358	6,276	90.0	17.3	17.0
F43	Reaction to severe stress and adjustment disorders	342	30	10,134	72	10,476	69	83,113	82,471	77.6	8.2	8.1
F44	Dissociative (conversion) disorders	27	30	444	34	471	34	5,567	5,450	53.6	12.5	12.2
F45, F48	Somatoform and other neurotic disorders	4	2	163	31	167	23	2,595	2,565	56.1	15.9	15.7
F50	Eating disorders	61	65	1,004	59	1,065	60	28,984	28,317	66.1	28.8	28.1
F51-F59	Other behav syndromes associated w physiol dist & phys factors	11	22	297	19	308	19	4,313	4,300	40.9	14.5	14.4
F60	Specific personality disorders	104	40	4,409	85	4,513	83	39,530	38,854	91.3	8.9	8.8
F61-F69	Disorders of adult personality and behaviour	10	33	304	63	314	61	15,392	15,372	90.2	50.6	50.5
F70-F79	Mental retardation	3	6	191	73	194	63	55,401	55,368	98.0	290.0	289.9
F80-F89	Disorders of psychological development	74	17	192	38	266	28	4,023	3,947	62.9	20.6	20.2
F90	Hyperkinetic disorders	1	7	92	68	93	62	1,183	1,171	82.6	12.8	12.7
F91	Conduct disorders	13	21	370	56	383	53	2,665	2,650	68.7	7.2	7.1
F92-F98	Other & unspec disorders w onset childhood adolescence	15	41	175	33	190	34	2,303	2,166	57.7	13.1	12.3
F99	Mental disorder not otherwise specified	13	19	182	73	195	61	7,080	7,072	97.0	38.8	38.8
G30	Alzheimer's disease	3	7	763	26	766	26	53,409	53,094	48.7	70.0	69.6
G47	Sleep disorders	0	0	69	2	69	2	220	189	1.3	3.2	2.7
O99.3	Mental disorders & dis of the nerv sys complic preg, child & puerp	1	1	75	4	76	4	1,157	1,064	12.8	15.4	14.2
R44	Other symptoms & signs involving general sensations and perceptions	2	5	29	10	31	10	263	249	14.3	9.0	8.5
R45	Symptoms & signs involving emotional state	6	13	58	22	64	21	324	300	25.2	5.5	5.1
R48	Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	0	1	9	1	8	26	26	18.7	26.0	26.0
	Other factors related to mental and behavioural disorders <sup>(d)</sup>	15	21	549	58	564	55	3,862	3,812	60.6	7.0	6.9
	Other factors related to substance use <sup>(e)</sup>	0	0	9	1	9	1	762	737	13.2	84.7	81.9
	Other <sup>(f)</sup>	372	100	6,294	100	6,666	100	185,890	178,608	96.1	29.5	28.3
<b>Total</b>		<b>8,965</b>	<b>40.9</b>	<b>104,080</b>	<b>61.1</b>	<b>113,045</b>	<b>58.8</b>	<b>2,384,159</b>	<b>2,346,002</b>	<b>79.6</b>	<b>22.8</b>	<b>22.5</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) The proportion of mental health-related separations with these diagnoses that had specialised psychiatric care.

(c) The proportion of mental health-related patient days with these diagnoses that were psychiatric care days.

(d) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(e) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(f) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, unspec—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, child—childbirth, puerp—puerperium, physiol—physiological.

**Table 5.9: Separations<sup>(a)</sup>, patient-days and psychiatric care days for separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings and hospital type, Australia, 2002–03**

Principal diagnosis	Public acute hospitals					Private hospitals					
	Separations			Patient-days	Psychiatric care days	Separations			Patient-days	Psychiatric care days	
	Same-day	Overnight	Total			Same-day	Overnight	Total			
F00–F03	Dementia	8	688	696	23,939	23,614	2	128	130	3,702	3,597
F04–F09	Other organic mental disorders	22	603	625	13,908	13,575	1	157	158	2,992	2,989
F10	Mental and behavioural disorders due to use of alcohol	49	1,492	1,541	11,614	11,326	15	2,230	2,245	33,460	33,027
F11–F19	Mental and behav disorders due to other psychoactive substances use	53	3,127	3,180	24,229	24,011	18	1,068	1,086	16,214	16,202
F20	Schizophrenia	358	16,277	16,635	343,693	342,059	81	1,029	1,110	22,163	22,153
F21, F24, F28–F29	Schizotypal and other delusional disorders	32	1,355	1,387	19,636	19,437	0	93	93	1,685	1,685
F22	Persistent delusional disorders	39	905	944	15,284	15,163	3	122	125	2,210	2,189
F23	Acute and transient psychotic disorders	77	1,573	1,650	19,443	19,112	16	82	98	2,097	2,097
F25	Schizoaffective disorders	204	4,126	4,330	86,917	86,476	144	845	989	15,890	15,875
F30	Manic episode	8	608	616	9,533	9,369	3	73	76	1,146	1,146
F31	Bipolar affective disorders	499	6,698	7,197	124,813	123,532	246	2,110	2,356	40,516	40,314
F32	Depressive episode	1,835	8,434	10,269	111,605	109,388	1,371	5,099	6,470	106,134	105,201
F33	Recurrent depressive disorders	1,140	2,431	3,571	40,440	39,757	1,248	3,482	4,730	68,164	68,025
F34	Persistent mood (affective) disorders	36	992	1,028	7,787	7,726	2	360	362	6,606	6,448
F38, F39	Other and unspecified mood (affective) disorders	4	130	134	1,653	1,642	1	41	42	776	776
F40	Phobic anxiety disorders	3	54	57	747	747	1	59	60	928	928
F41	Other anxiety disorders	39	854	893	10,166	9,999	34	982	1,016	16,949	16,928
F42	Obsessive-compulsive disorders	4	188	192	2,545	2,507	2	151	153	3,357	3,357
F43	Reaction to severe stress and adjustment disorders	196	6,620	6,816	36,765	36,215	119	2,401	2,520	39,130	39,062
F44	Dissociative (conversion) disorders	26	137	163	1,284	1,246	1	287	288	4,103	4,024
F45, F48	Somatoform and other neurotic disorders	3	93	96	1,324	1,301	0	62	62	1,180	1,177
F50	Eating disorders	53	504	557	13,509	12,986	7	475	482	14,365	14,260
F51–F59	Other behav syndromes associated w physiol dist & phys factors	8	184	192	2,203	2,193	3	99	102	1,776	1,773
F60	Specific personality disorders	83	3,289	3,372	19,464	19,190	6	397	403	5,561	5,536
F61–F69	Disorders of adult personality and behaviour	3	186	189	1,832	1,813	5	63	68	1,196	1,195
F70–F79	Mental retardation	2	146	148	1,707	1,688	0	3	3	43	43
F80–F89	Disorders of psychological development	3	139	142	1,856	1,849	0	11	11	197	197
F90	Hyperkinetic disorders	1	65	66	851	849	0	8	8	161	161
F91	Conduct disorders	13	297	310	2,314	2,299	0	7	7	107	107
F92–F98	Other & unspec disorders w onset childhood adolescence	3	130	133	1,731	1,629	0	8	8	133	133
F99	Mental disorder not otherwise specified	7	178	185	7,058	7,050	6	3	9	21	21
G30	Alzheimer's disease	3	511	514	25,288	25,009	0	89	89	2,158	2,158
G47	Sleep disorders	0	12	12	56	56	0	57	57	164	133
O99.3	Mental disorders & dis of the nerv sys complic preg, child & puerp	0	66	66	1,004	911	1	4	5	42	42
R44	Other symptoms & signs involving general sensations and perceptions	2	25	27	204	190	0	3	3	14	14
R45	Symptoms & signs involving emotional state	4	55	59	300	276	2	3	5	24	24
R48	Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	1	1	26	26	0	0	0	0	0
	Other factors related to mental and behavioural disorders <sup>(b)</sup>	7	280	287	1,841	1,834	6	9	15	163	163
	Other factors related to substance use <sup>(c)</sup>	0	3	3	13	13	0	0	0	0	0
	Other <sup>(d)</sup>	135	5,410	5,545	68,942	63,020	11	247	258	4,969	4,400
<b>Total</b>		<b>4,962</b>	<b>68,866</b>	<b>73,828</b>	<b>1,057,524</b>	<b>1,041,083</b>	<b>3,355</b>	<b>22,347</b>	<b>25,702</b>	<b>420,496</b>	<b>417,560</b>

(continued)

**Table 5.9 (continued): Separations<sup>(a)</sup>, patient-days and psychiatric care days for separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings and hospital type, Australia, 2002-03**

Principal diagnosis	Public psychiatric hospitals					All hospitals				
	Separations			Patient-days	Psychiatric care days	Separations			Patient-days	Psychiatric care days
	Same-day	Overnight	Total			Same-day	Overnight	Total		
F00-F03 Dementia	1	227	228	22,528	22,505	11	1,043	1,054	50,169	49,716
F04-F09 Other organic mental disorders	2	170	172	29,615	29,586	25	930	955	46,515	46,150
F10 Mental and behavioural disorders due to use of alcohol	10	453	463	9,000	8,874	74	4,175	4,249	54,074	53,227
F11-F19 Mental and behav disorders due to other psychoactive substances use	10	773	783	9,458	9,310	81	4,968	5,049	49,901	49,523
F20 Schizophrenia	11	3,464	3,475	471,026	456,966	450	20,770	21,220	836,882	821,178
F21, F24, F28-F29 Schizotypal and other delusional disorders	61	232	293	5,470	5,315	93	1,680	1,773	26,791	26,437
F22 Persistent delusional disorders	1	160	161	6,502	5,321	43	1,187	1,230	23,996	22,673
F23 Acute and transient psychotic disorders	16	345	361	5,100	4,919	109	2,000	2,109	26,640	26,128
F25 Schizoaffective disorders	8	903	911	39,025	38,835	356	5,874	6,230	141,832	141,186
F30 Manic episode	1	88	89	1,612	1,584	12	769	781	12,291	12,099
F31 Bipolar affective disorders	7	1,180	1,187	36,246	36,066	752	9,988	10,740	201,575	199,912
F32 Depressive episode	54	1,161	1,215	24,676	24,236	3,260	14,694	17,954	242,415	238,825
F33 Recurrent depressive disorders	2	176	178	4,758	4,686	2,390	6,089	8,479	113,362	112,468
F34 Persistent mood (affective) disorders	4	166	170	4,140	4,139	42	1,518	1,560	18,533	18,313
F38, F39 Other and unspecified mood (affective) disorders	1	19	20	277	276	6	190	196	2,706	2,694
F40 Phobic anxiety disorders	1	10	11	198	180	5	123	128	1,873	1,855
F41 Other anxiety disorders	66	82	148	3,413	2,977	139	1,918	2,057	30,528	29,904
F42 Obsessive-compulsive disorders	36	27	63	456	412	42	366	408	6,358	6,276
F43 Reaction to severe stress and adjustment disorders	27	1,115	1,142	7,220	7,196	342	10,136	10,478	83,115	82,473
F44 Dissociative (conversion) disorders	0	20	20	180	180	27	444	471	5,567	5,450
F45, F48 Somatoform and other neurotic disorders	1	8	9	91	87	4	163	167	2,595	2,565
F50 Eating disorders	1	25	26	1,110	1,071	61	1,004	1,065	28,984	28,317
F51-F59 Other behav syndromes associated w physiol dist & phys factors	0	14	14	334	334	11	297	308	4,313	4,300
F60 Specific personality disorders	15	723	738	14,505	14,128	104	4,409	4,513	39,530	38,854
F61-F69 Disorders of adult personality and behaviour	2	55	57	12,364	12,364	10	304	314	15,392	15,372
F70-F79 Mental retardation	1	42	43	53,651	53,637	3	191	194	55,401	55,368
F80-F89 Disorders of psychological development	71	42	113	1,970	1,901	74	192	266	4,023	3,947
F90 Hyperkinetic disorders	0	19	19	171	161	1	92	93	1,183	1,171
F91 Conduct disorders	0	66	66	244	244	13	370	383	2,665	2,650
F92-F98 Other & unspec disorders w onset childhood adolescence	12	37	49	439	404	15	175	190	2,303	2,166
F99 Mental disorder not otherwise specified	0	1	1	1	1	13	182	195	7,080	7,072
G30 Alzheimers disease	0	163	163	25,963	25,927	3	763	766	53,409	53,094
G47 Sleep disorders	0	0	0	0	0	0	69	69	220	189
O99.3 Mental disorders & dis of the nerv sys complic preg, child & puerp	0	5	5	111	111	1	75	76	1,157	1,064
R44 Other symptoms & signs involving general sensations and perceptions	0	1	1	45	45	2	29	31	263	249
R45 Symptoms & signs involving emotional state	0	0	0	0	0	6	58	64	324	300
R48 Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	0	0	0	0	0	1	1	26	26
Other factors related to mental and behavioural disorders <sup>(b)</sup>	2	260	262	1,858	1,815	15	549	564	3,862	3,812
Other factors related to substance use <sup>(c)</sup>	0	6	6	749	724	0	9	9	762	737
Other <sup>(d)</sup>	224	629	853	111,633	110,842	370	6,286	6,656	185,544	178,262
<b>Total</b>	<b>648</b>	<b>12,867</b>	<b>13,515</b>	<b>906,139</b>	<b>887,359</b>	<b>8,965</b>	<b>104,080</b>	<b>113,045</b>	<b>2,384,159</b>	<b>2,346,002</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, physiol—physiological, preg—pregnancy, child—childbirth, puerp—puerperium, unspec—unspecified.

## Age and sex

Tables 5.10 and 5.11 describe the distribution of mental health-related separations with specialised care by sex, age group and principal diagnosis.

### Separations for male patients

For male patients, *Schizophrenia* (F20) was the most frequently recorded principal diagnosis group, reported for 26.2% of separations (14,275 separations) (Table 5.10). This was followed by *Depressive episode* (F32) and *Reaction to severe stress and adjustment disorders* (F43), which accounted for 12.8% and 9.7% of separations (6,948 and 5,292) respectively. Male separations with principal diagnoses of *Schizophrenia* (F20) were more than double those for female patients.

Separations of male patients aged 25–34 years were concentrated in the principal diagnosis group of *Schizophrenia* (F20, 5,383 separations or 36.3% of specialised separations for male patients aged 25–34 years). This age group contributed the largest number of specialised male separations with a principal diagnosis group of *Schizophrenia* (F20) (37.7%).

### Separations for female patients

For female patients, principal diagnoses of *Depressive episode* (F32) contributed the largest number of separations (11,004 or 18.8%), followed by *Schizophrenia* (F20) (6,927 or 11.8%) and *Bipolar affective disorders* (F31, 6,422 or 11.0%) (Table 5.11). The number of separations with principal diagnoses of *Depressive episode* (F32) for females was approximately 1.6 times greater than the number for male patients, and accounted for over 12.7% of specialised separations for female patients aged less than 15 years. This proportion increased with age to 26.6% in the age group 65 years and over.

Separations with principal diagnoses of *Eating disorders* (F50) predominantly involved female patients (1,037 separations compared with 28 separations for male patients). These separations were largest in the younger age groups. Over half (64.6%) of the separations in this category were reported in the 15–24 years age group.

## Aboriginal and Torres Strait Islander peoples

Table 5.12 details the number of separations, patient-days and psychiatric care days by principal diagnosis for Aboriginal and Torres Strait Islander peoples in 2002–03. The quality of Aboriginal and Torres Strait Islander status data varies, so these figures should be used with caution. Further detail about the quality of these data can be found in *Australian Hospital Statistics 2002–03* (AIHW 2004d).

Separations with the principal diagnosis of *Schizophrenia* (F20) (27.7%), *Reaction to severe stress and adjustment disorders* (F43) (10.8%) and *Mental and behavioural disorders due to other psychoactive substances use* (F11–F19) (10.3%) accounted for the largest proportions of mental health-related separations with specialised psychiatric care for Aboriginal and Torres Strait Islander peoples. In comparison, separations in this category for all patients with *Schizophrenia* (F20), *Reaction to severe stress and adjustment disorders* (F43) and *Mental and behavioural disorders due to other psychoactive substances use* (F11–F19) principal diagnoses accounted for 18.8%, 9.3% and 4.5% respectively (Table 5.8).

*Schizophrenia* (F20) accounted for the largest proportion of patient-days (47.3%) and specialised psychiatric care days (47.5%) for Aboriginal and Torres Strait Islander peoples. Separations for all patients with principal diagnoses of *Schizophrenia* (F20) accounted for 35.1% of patient-days and 35.0% of specialised psychiatric care days (Table 5.8).

## Mental health legal status

Table 5.13 presents information on separations with specialised psychiatric care by principal diagnosis, mental health legal status and hospital type. In public acute hospitals, 63.5% of separations with principal diagnoses of *Manic episode* (F30) were involuntary and 58.3% of public acute separations with principal diagnoses of *Schizophrenia* (F20) were involuntary.

In private hospitals, 1.1% of all separations had a mental health legal status of involuntary. Principal diagnoses of *Conduct disorders* (F91), *Schizotypal and other delusional disorders* (F21, F24, F28–F89) and *Persistent delusional disorders* (F22) had the highest rates of involuntary status, but these accounted for less than 1% of private hospital separations with specialised psychiatric care. Due to variations between jurisdictions in the reporting of mental health legal status for private sector hospitals, caution should be used when interpreting these data.

In public psychiatric hospitals, 50.6% of separations with specialised psychiatric care were involuntary. For principal diagnosis groups with a high volume of public psychiatric separations, the highest proportions of involuntary separations were reported for *Schizophrenia* (F20) (65.2%), *Schizoaffective disorders* (F25) (62.9%) and *Mental and behavioural disorders due to other psychoactive substances use* (F11–F19) (62.5%).

## Mental health-related comorbidity

Diagnoses are reported to the National Hospital Morbidity Database as either principal diagnoses (that is, diagnoses chiefly responsible for occasioning the episodes of care, see Glossary), or as additional diagnoses. Comorbidity in this section refers to separations with both a mental health principal diagnosis and an additional diagnosis of a mental health-related disorder.

Separations, patient-days and psychiatric care days for separations with and without specialised psychiatric care are summarised in Table 4.4.

Separations, patient-days and psychiatric care days for separations with specialised psychiatric care and a mental health-related additional diagnosis by principal diagnosis in ICD-10-AM chapter groupings are reported in Table 5.14. Of 113,045 separations with specialised psychiatric care, 56,596 separations reported a mental health-related additional diagnosis. About 91% of separations with a mental health-related additional diagnosis and specialised psychiatric care had a principal diagnosis in the *Mental and behavioural disorders* chapter of ICD-10-AM.

Table 5.15 shows separations with specialised psychiatric care by principal diagnosis and the presence of a mental health-related additional diagnosis. The mental health-related principal diagnoses most likely to have a mental health-related additional diagnosis were *Alzheimer's disease* (G30, 726 separations or 94.8%), *Persistent mood (affective) disorders* (F34, 1,116 separations or 71.6%) and *Hyperkinetic disorders* (F90, 66 separations or 71.0%). Principal diagnoses of *Mental disorders & diseases of the nervous system complicating pregnancy, childbirth & puerperium* (O99.3), which require a mental health-related additional diagnosis to be recorded, had 75 separations or 98.7% with a mental health-related additional diagnosis.

Table 5.16 shows the top five additional mental health-related diagnoses for separations which have both a principal mental health-related diagnosis and an additional mental health-related diagnosis.

Of the 9,298 separations with specialised psychiatric care that had principal diagnoses of *Mental and behavioural disorders due to psychoactive substances use* (F10–F19), the most common additional mental health-related diagnoses were *Specific personality disorders* (F60, 1,393 separations) followed by *Depressive episode* (F32, 882 separations) and *Reaction to severe stress and adjustment disorders* (F43, 662 separations).

Of the 32,552 separations with specialised psychiatric care that had principal diagnoses of *Schizophrenia, schizotypal and delusional disorders* (F20–F29), the most common additional mental health-related diagnoses were *Mental and behavioural disorders due to other psychoactive substances use* (F11–F19, 9,714 separations) followed by *Mental and behavioural disorders due to use of alcohol* (F10, 3,011 separations) and *Specific personality disorders* (F60, 2,077 separations).

Of the 39,706 separations with specialised psychiatric care that had a principal diagnosis of *Mood (affective) disorders* (F30–F39), the most common additional mental health-related diagnoses were *Mental and behavioural disorders due to other psychoactive substance use* (F11–F19, 4,872 separations) followed by *Specific personality disorders* (F60, 4,160 separations) and *Mental and behavioural disorders due to use of alcohol* (F10, 3,599 separations).

Of the 13,706 separations with specialised psychiatric care that had principal diagnoses of *Neurotic, stress-related and somatoform disorder* (F40–F49), the most common additional mental health-related diagnoses were *Mental and behavioural disorders due to other psychoactive substance use* (F11–F19, 2,819 separations) followed by *Specific personality disorders* (F60, 2,703 separations) and *Mental and behavioural disorders due to use of alcohol* (F10, 2,395 separations).

## **Separations with an external cause indicating self-harm**

Table 5.17 outlines the separations, patient-days and psychiatric care days for mental health-related separations with specialised psychiatric care for which an external cause of injury or poisoning in the *Intentional self-harm* (X60–X84) grouping was reported. There were 5,518 separations in this category, including 2,064 with principal diagnoses other than those used to define mental health-related principal diagnoses for this report. Approximately 52% of these 2,064 separations (1,075 separations) had principal diagnoses of *Poisoning by drugs, medicaments and biological substances* (T36–T50).

**Table 5.10: Separations<sup>(a)</sup> with specialised psychiatric care for male patients, by principal diagnosis in ICD-10-AM groupings and age group, Australia, 2002–03**

Principal diagnosis		Under 15	15–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F03	Dementia	1	0	1	7	10	48	540	607
F04–F09	Other organic mental disorders	3	63	90	86	84	57	148	531
F10	Mental and behavioural disorders due to use of alcohol	0	194	489	667	772	407	165	2,694
F11–F19	Mental and behav disorders due to other psychoactive substances use	6	1,403	1,373	532	121	27	10	3,472
F20	Schizophrenia	18	3,214	5,383	3,191	1,579	574	316	14,275
F21, F24, F28–F29	Schizotypal and other delusional disorders	15	384	319	143	59	22	28	970
F22	Persistent delusional disorders	0	76	173	168	88	54	81	640
F23	Acute and transient psychotic disorders	10	399	380	202	70	29	17	1,107
F25	Schizoaffective disorders	1	426	964	660	381	163	124	2,719
F30	Manic episode	2	86	67	73	54	31	39	352
F31	Bipolar affective disorders	11	485	1,070	1,068	774	525	384	4,317
F32	Depressive episode	31	755	1,227	1,444	1,328	857	1,306	6,948
F33	Recurrent depressive disorders	2	133	244	374	591	405	746	2,495
F34	Persistent mood (affective) disorders	7	85	151	151	95	36	17	542
F38, F39	Other and unspecified mood (affective) disorders	3	14	29	11	10	11	3	81
F40	Phobic anxiety disorders	6	6	8	6	4	3	0	33
F41	Other anxiety disorders	83	90	128	116	133	72	85	707
F42	Obsessive-compulsive disorders	6	48	54	39	19	8	3	177
F43	Reaction to severe stress and adjustment disorders	76	884	1,310	1,165	1,021	636	200	5,292
F44	Dissociative (conversion) disorders	2	8	11	7	9	2	3	42
F45, F48	Somatoform and other neurotic disorders	3	8	12	13	10	4	4	54
F50	Eating disorders	2	20	3	2	1	0	0	28
F51–F59	Other behav syndromes associated w physiol dist & phys factors	1	0	2	7	5	4	4	23
F60	Specific personality disorders	7	313	484	279	109	20	12	1,224
F61–F69	Disorders of adult personality and behaviour	2	35	64	41	14	13	8	177
F70–F79	Mental retardation	3	27	28	20	9	10	3	100
F80–F89	Disorders of psychological development	67	88	26	6	6	1	1	195
F90	Hyperkinetic disorders	48	12	6	1	0	0	0	67
F91	Conduct disorders	151	83	5	6	3	1	3	252
F92–F98	Other & unspec disorders w onset childhood adolescence	81	12	5	1	1	0	0	100
F99	Mental disorder not otherwise specified	2	17	21	11	6	5	28	90
G30	Alzheimer's disease	0	0	0	0	3	27	333	363
G47	Sleep disorders	0	1	3	7	8	29	10	58
R44	Other symptoms & signs involving general sensations and perceptions	0	2	5	6	2	2	0	17
R45	Symptoms & signs involving emotional state	0	14	9	5	3	2	0	33
	Other factors related to mental and behavioural disorders <sup>(b)</sup>	113	17	36	51	24	7	9	257
	Other factors related to substance use <sup>(c)</sup>	0	2	1	1	1	1	0	6
	Other <sup>(d)</sup>	82	431	663	574	421	397	799	3,367
<b>Total</b>		<b>845</b>	<b>9,835</b>	<b>14,844</b>	<b>11,141</b>	<b>7,828</b>	<b>4,490</b>	<b>5,429</b>	<b>54,412</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: Abbreviations: behav—behavioural, unspec—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, physiol—physiological.

**Table 5.11: Separations<sup>(a)</sup> with specialised psychiatric care for female patients, by principal diagnosis in ICD-10-AM groupings and age group, Australia, 2002–03**

Principal diagnosis		Under 15	15–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F03	Dementia	0	0	0	7	6	22	412	447
F04–F09	Other organic mental disorders	1	13	46	65	65	47	187	424
F10	Mental and behavioural disorders due to use of alcohol	1	108	282	438	452	207	67	1,555
F11–F19	Mental and behav disorders due to other psychoactive substances use	7	569	583	259	109	31	19	1,577
F20	Schizophrenia	15	1,076	1,817	1,630	1,091	677	621	6,927
F21, F24, F28–F29	Schizotypal and other delusional disorders	15	265	209	125	103	31	55	803
F22	Persistent delusional disorders	2	29	92	124	115	66	162	590
F23	Acute and transient psychotic disorders	12	247	294	192	141	61	53	1,000
F25	Schizoaffective disorders	3	397	886	818	728	440	238	3,510
F30	Manic episode	1	67	105	102	76	39	38	428
F31	Bipolar affective disorders	13	534	1,339	1,518	1,153	954	911	6,422
F32	Depressive episode	120	1,437	1,955	2,182	1,753	1,190	2,367	11,004
F33	Recurrent depressive disorders	7	319	650	1,114	1,319	791	1,784	5,984
F34	Persistent mood (affective) disorders	41	281	196	214	173	72	40	1,017
F38, F39	Other and unspecified mood (affective) disorders	8	25	28	27	9	8	10	115
F40	Phobic anxiety disorders	7	21	14	20	14	9	10	95
F41	Other anxiety disorders	54	139	190	221	259	165	321	1,349
F42	Obsessive-compulsive disorders	8	91	52	31	29	11	9	231
F43	Reaction to severe stress and adjustment disorders	141	1,305	1,321	1,291	759	197	170	5,184
F44	Dissociative (conversion) disorders	26	47	95	122	104	28	7	429
F45, F48	Somatoform and other neurotic disorders	5	27	15	20	20	7	19	113
F50	Eating disorders	57	670	188	70	48	2	2	1,037
F51–F59	Other behav syndromes associated w physiol dist & phys factors	0	52	162	62	2	6	1	285
F60	Specific personality disorders	16	1,028	1,078	762	328	52	25	3,289
F61–F69	Disorders of adult personality and behaviour	3	36	27	32	30	5	4	137
F70–F79	Mental retardation	1	34	28	15	8	5	3	94
F80–F89	Disorders of psychological development	40	11	13	1	2	4	0	71
F90	Hyperkinetic disorders	13	9	3	0	1	0	0	26
F91	Conduct disorders	64	49	9	4	2	1	2	131
F92–F98	Other & unspec disorders w onset childhood adolescence	66	18	3	2	1	0	0	90
F99	Mental disorder not otherwise specified	4	19	9	10	3	11	49	105
G30	Alzheimer's disease	0	0	0	0	1	27	375	403
G47	Sleep disorders	1	1	2	1	1	0	5	11
O99.3	Mental disorders & dis of the nerv sys complic preg, child & puerp	0	18	42	12	4	0	0	76
R44	Other symptoms & signs involving general sensations and perceptions	1	4	2	3	0	0	4	14
R45	Symptoms & signs involving emotional state	1	18	6	3	0	2	1	31
R48	Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	0	0	0	0	1	0	1
	Other factors related to mental and behavioural disorders <sup>(b)</sup>	110	31	51	82	21	8	4	307
	Other factors related to substance use <sup>(c)</sup>	0	1	1	0	0	1	0	3
	Other <sup>(d)</sup>	80	533	527	532	402	288	932	3,294
<b>Total</b>		<b>944</b>	<b>9,529</b>	<b>12,320</b>	<b>12,111</b>	<b>9,332</b>	<b>5,466</b>	<b>8,907</b>	<b>58,609</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnoses as listed in Appendix 3.

Note: behav—behavioural, unspec—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, child—childbirth, puerp—puerperium, physiol—physiological.

**Table 5.12: Mental health-related separations<sup>(a)</sup>, patient days and psychiatric care days for separations with specialised psychiatric care reported for Aboriginal and Torres Strait Islander peoples, by principal diagnosis in ICD-10-AM groupings, Australia, 2002-03**

Principal diagnosis	Separations			Patient-days	Psychiatric care days
	Same-day	Overnight	Total		
F00-F03 Dementia	0	9	9	197	197
F04-F09 Other organic mental disorders	0	37	37	1,612	1,610
F10 Mental and behavioural disorders due to use of alcohol	7	213	220	3,443	3,439
F11-F19 Mental and behav disorders due to other psychoactive substances use	6	395	401	3,629	3,610
F20 Schizophrenia	16	1,062	1,078	37,018	36,956
F21, F24, F28-F29 Schizotypal and other delusional disorders	2	115	117	2,208	2,195
F22 Persistent delusional disorders	1	36	37	514	511
F23 Acute and transient psychotic disorders	1	117	118	1,149	1,142
F25 Schizoaffective disorders	3	218	221	4,169	4,159
F30 Manic episode	2	25	27	279	278
F31 Bipolar affective disorders	2	212	214	4,275	4,263
F32 Depressive episode	30	340	370	3,295	3,251
F33 Recurrent depressive disorders	1	65	66	615	615
F34 Persistent mood (affective) disorders	1	42	43	300	299
F38, F39 Other and unspecified mood (affective) disorders	0	6	6	63	63
F40 Phobic anxiety disorders	0	4	4	63	63
F41 Other anxiety disorders	0	18	18	210	203
F43 Reaction to severe stress and adjustment disorders	12	407	419	2,240	2,226
F44 Dissociative (conversion) disorders	1	0	1	1	1
F45, F48 Somatoform and other neurotic disorders	0	2	2	8	8
F50 Eating disorders	0	8	8	158	79
F51-F59 Other behav syndromes associated w physiol dist & phys factors	0	9	9	95	95
F60 Specific personality disorders	1	174	175	1,155	1,135
F61-F69 Disorders of adult personality and behaviour	1	12	13	95	95
F70-F79 Mental retardation	1	12	13	3,084	3,082
F80-F89 Disorders of pscychological development	0	4	4	53	53
F90 Hyperkinetic disorders	0	2	2	6	6
F91 Conduct disorders	1	19	20	80	80
F92-F98 Other & unspec disorders w onset childhood adolescence	0	7	7	289	244
F99 Mental disorder not otherwise specified	2	5	7	9	9
G30 Alzheimer's disease	0	1	1	21	21
G47 Sleep disorders	0	1	1	6	6
O99.3 Mental disorders & dis of the nerv sys complic preg, child & puerp	0	7	7	141	135
R44 Other symptoms & signs involving general sensations and perceptions	1	1	2	2	2
R45 Symptoms & signs involving emotional state	0	6	6	16	15
Other factors related to mental and behavioural disorders <sup>(b)</sup>	2	20	22	139	138
Other factors related to substance use <sup>(c)</sup>	0	3	3	40	40
Other <sup>(d)</sup>	4	179	183	7,614	7,433
<b>Total</b>	<b>98</b>	<b>3,793</b>	<b>3,891</b>	<b>78,291</b>	<b>77,757</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, unspec—unspecified, preg—pregnancy, child—childbirth, puerp—puerperium, physiol—physiological.

**Table 5.13: Separations<sup>(a)</sup> with specialised psychiatric care by mental health legal status and principal diagnosis in ICD-10-AM groupings, and hospital type, Australia, 2002–03**

Principal diagnosis		Public acute		Private		Public psychiatric		Total		
		Involuntary	Voluntary	Involuntary	Voluntary	Involuntary	Voluntary	Involuntary	Voluntary	Not reported
F00–F03	Dementia	308	368	0	60	71	157	379	585	90
F04–F09	Other organic mental disorders	277	343	4	88	100	72	381	503	71
F10	Mental and behavioural disorders due to use of alcohol	544	980	3	1,597	227	236	774	2,813	662
F11–F19	Mental and behav disorders due to other psychoactive substances use	1,681	1,471	13	894	489	294	2,183	2,659	207
F20	Schizophrenia	9,669	6,924	50	817	2,265	1,210	11,984	8,951	282
F21, F24, F28–F29	Schizotypal and other delusional disorders	756	625	7	62	124	169	887	856	30
F22	Persistent delusional disorders	518	422	6	86	119	42	643	550	37
F23	Acute and transient psychotic disorders	968	677	3	79	245	116	1,216	872	21
F25	Schizoaffective disorders	2,401	1,907	9	670	573	338	2,983	2,915	332
F30	Manic episode	387	222	3	58	61	28	451	308	21
F31	Bipolar affective disorders	3,755	3,418	37	1,496	693	494	4,485	5,408	847
F32	Depressive episode	2,345	7,883	29	4,866	380	835	2,754	13,584	1,614
F33	Recurrent depressive disorders	685	2,875	5	3,211	57	121	747	6,207	1,525
F34	Persistent mood (affective) disorders	203	819	1	278	55	115	259	1,212	88
F38, F39	Other and unspecified mood (affective) disorders	51	83	0	31	7	13	58	127	11
F40	Phobic anxiety disorders	7	50	0	44	1	10	8	104	16
F41	Other anxiety disorders	119	769	3	688	16	132	138	1,589	329
F42	Obsessive-compulsive disorders	40	152	0	77	5	58	45	287	76
F43	Reaction to severe stress and adjustment disorders	1,771	5,004	13	1,942	573	569	2,357	7,515	604
F44	Dissociative (conversion) disorders	47	116	1	244	13	7	61	367	43
F45, F48	Somatoform and other neurotic disorders	31	65	1	53	3	6	35	124	8
F50	Eating disorders	114	443	4	374	11	15	129	832	104
F51–F59	Other behav syndromes associated w physiol dist & phys factors	49	142	0	79	9	5	58	226	24
F60	Specific personality disorders	1,082	2,287	4	269	327	411	1,413	2,967	133
F61–F69	Disorders of adult personality and behaviour	51	137	3	61	22	35	76	233	5
F70–F79	Mental retardation	64	84	0	2	23	20	87	106	1
F80–F89	Disorders of psychological development	32	110	0	7	20	93	52	210	4
F90	Hyperkinetic disorders	6	60	0	8	0	19	6	87	0
F91	Conduct disorders	80	230	1	6	11	55	92	291	0
F92–F98	Other & unspec disorders w onset childhood adolescence	9	124	0	5	7	42	16	171	3
F99	Mental disorder not otherwise specified	78	104	0	6	1	0	79	110	6
G30	Alzheimer's disease	160	322	0	52	63	100	223	474	69
G47	Sleep disorders	1	11	1	54	0	0	2	65	2
O99.3	Mental disorders & dis of the nerv sys complic preg, child & puerp	30	36	1	2	4	1	35	39	2
R44	Other symptoms & signs involving general sensations and perceptions	4	23	0	3	0	1	4	27	0
R45	Symptoms & signs involving emotional state	20	38	0	3	0	0	20	41	3
R48	Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	1	0	0	0	0	0	1	0
	Other factors related to mental and behavioural disorders <sup>(b)</sup>	34	252	1	9	11	251	46	512	6
	Other factors related to substance use <sup>(c)</sup>	0	3	0	0	1	5	1	8	0
	Other <sup>(d)</sup>	1,218	4,300	1	214	257	596	1,476	5,110	80
	<b>Total</b>	<b>29,595</b>	<b>43,880</b>	<b>204</b>	<b>18,495</b>	<b>6,844</b>	<b>6,671</b>	<b>36,643</b>	<b>69,046</b>	<b>7,356</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, unspec—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, child—childbirth, puerp—puerperium, physiol—physiological.

**Table 5.14: Separations<sup>(a)</sup>, patient-days and psychiatric care days for separations with specialised psychiatric care, with a mental health-related additional diagnosis, by principal diagnosis in ICD-10-AM chapter groupings, Australia, 2002–03**

Principal diagnosis	Separations			Patient-days	Psychiatric care days
	Same-day	Overnight	Total		
A00–B99 Certain infectious and parasitic diseases	0	10	10	230	216
C00–D48 Neoplasms	0	19	19	655	401
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	0	15	15	122	113
E00–E90 Endocrine nutritional and metabolic diseases	0	59	59	1,216	883
F00–F99 Mental and behavioural disorders	1,749	49,948	51,697	962,389	954,667
G00–G99 Diseases of the nervous system	4	944	948	54,975	54,363
H00–H59 Diseases of the eye and adnexa	0	2	2	12	12
H60–H95 Diseases of the ear and mastoid process	0	3	3	20	19
I00–I99 Diseases of the circulatory system	0	77	77	1,750	1,083
J00–J99 Diseases of the respiratory system	1	54	55	3,892	3,535
K00–K93 Diseases of the digestive system	0	59	59	901	636
L00–L99 Diseases of the skin and subcutaneous tissue	1	20	21	448	390
M00–M99 Diseases of the musculoskeletal system and connective tissue	0	36	36	749	583
N00–N99 Diseases of the genitourinary system	0	39	39	666	518
O00–O99 Pregnancy childbirth and the puerperium	1	85	86	1,286	1,139
P00–P96 Certain conditions originating in the perinatal period	0	0	0	..	..
Q00–Q99 Congenital malformations deformations and chromosomal abnormalities	0	5	5	1,129	1,129
R00–R99 Symptoms signs and abnormal clinical and laboratory findings not elsewhere classified	0	162	162	1,746	1,626
S00–T98 Injury poisoning and certain other consequences of external causes	49	2,156	2,205	19,466	17,306
Z00–Z99 Factors influencing health status and contact with health services	244	854	1,098	106,324	106,053
<b>Total</b>	<b>2,049</b>	<b>54,547</b>	<b>56,596</b>	<b>1,157,976</b>	<b>1,144,672</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

**Table 5.15: Separations<sup>(a)</sup>, patient-days and psychiatric care days for separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings and presence of an additional mental health-related condition, Australia, 2002-03**

Principal diagnosis	With no other mental health-related diagnosis						With a mental health-related additional diagnosis						
	Separations			Patient-days	Psychiatric care days	Average length of stay (o'night)	Separations			Patient-days	Psychiatric care days	Average length of stay (o'night)	
	Same-day	Overnight	Total				Same-day	Overnight	Total				
F00-F03	Dementia	6	566	572	30,110	30,000	53.2	5	477	482	20,059	19,716	42.0
F04-F09	Other organic mental disorders	4	383	387	10,621	10,494	27.7	21	547	568	35,894	35,656	65.6
F10	Mental and behavioural disorders due to use of alcohol	32	1,341	1,373	17,647	17,501	13.1	42	2,834	2,876	36,427	35,726	12.8
F11-F19	Mental and behav disorders due to other psychoactive substances use	36	1,596	1,632	15,257	15,108	9.5	45	3,372	3,417	34,644	34,415	10.3
F20	Schizophrenia	324	11,762	12,086	561,251	546,351	47.7	126	9,005	9,131	275,348	274,544	30.6
F21, F24, F28-F29	Schizotypal and other delusional disorders	25	847	872	13,109	12,857	15.4	68	833	901	13,682	13,580	16.3
F22	Persistent delusional disorders	26	660	686	12,843	11,578	19.4	17	527	544	11,153	11,095	21.1
F23	Acute and transient psychotic disorders	62	969	1,031	13,361	13,127	13.7	47	1,031	1,078	13,279	13,001	12.8
F25	Schizoaffective disorders	290	3,302	3,592	77,881	77,451	23.5	66	2,572	2,638	63,951	63,735	24.8
F30	Manic episode	6	402	408	6,917	6,772	17.2	6	366	372	5,366	5,319	14.6
F31	Bipolar affective disorders	656	6,176	6,832	122,306	121,569	19.7	96	3,812	3,908	79,269	78,343	20.8
F32	Depressive episode	2,848	7,169	10,017	122,450	120,652	16.7	411	7,524	7,935	119,941	118,149	15.9
F33	Recurrent depressive disorders	2,138	3,483	5,621	62,828	62,333	17.4	252	2,606	2,858	50,534	50,135	19.3
F34	Persistent mood (affective) disorders	20	423	443	4,471	4,442	10.5	21	1,095	1,116	14,061	13,870	12.8
F38, F39	Other and unspecified mood (affective) disorders	4	84	88	1,044	1,037	12.4	2	106	108	1,662	1,657	15.7
F40	Phobic anxiety disorders	4	44	48	594	586	13.4	1	79	80	1,279	1,269	16.2
F41	Other anxiety disorders	95	767	862	11,561	11,133	14.9	44	1,150	1,194	18,939	18,743	16.4
F42	Obsessive-compulsive disorders	2	126	128	2,202	2,159	17.5	40	240	280	4,156	4,117	17.2
F43	Reaction to severe stress and adjustment disorders	88	3,035	3,123	21,448	21,141	7.0	254	7,099	7,353	61,665	61,330	8.7
F44	Dissociative (conversion) disorders	19	126	145	1,698	1,679	13.3	8	318	326	3,869	3,771	12.1
F45, F48	Somatoform and other neurotic disorders	2	47	49	555	551	11.8	2	116	118	2,040	2,014	17.6
F50	Eating disorders	44	453	497	13,124	12,795	28.9	17	551	568	15,860	15,522	28.8
F51-F59	Other behav syndromes associated w physiol dist & phys factors	8	185	193	2,652	2,644	14.3	3	112	115	1,661	1,656	14.8
F60	Specific personality disorders	41	1,677	1,718	12,717	12,238	7.6	63	2,732	2,795	26,813	26,616	9.8
F61-F69	Disorders of adult personality and behaviour	2	91	93	1,180	1,168	12.9	8	213	221	14,212	14,204	66.7
F70-F79	Mental retardation	2	91	93	26,401	26,375	290.1	1	100	101	29,000	28,993	290.0
F80-F89	Disorders of psychological development	2	96	98	1,029	958	10.7	72	96	168	2,994	2,989	30.4
F90	Hyperkinetic disorders	0	27	27	265	255	9.8	1	65	66	918	916	14.1
F91	Conduct disorders	8	140	148	841	835	6.0	5	230	235	1,824	1,815	7.9
F92-F98	Other & unspec disorders w onset childhood adolescence	14	59	73	549	526	9.1	1	116	117	1,754	1,640	15.1
F99	Mental disorder not otherwise specified	9	158	167	6,945	6,941	43.9	4	24	28	135	131	5.5
G30	Alzheimer's disease	0	40	40	7,772	7,750	194.3	3	723	726	45,637	45,344	63.1
G47	Sleep disorders	0	55	55	78	78	1.4	0	14	14	142	111	10.1
O99.3	Mental disorders & dis of the nerv sys complic preg, child & puerp	0	1	1	77	76	77.0	1	74	75	1,080	988	14.6
R44	Other symptoms & signs involving general sensations and perceptions	2	13	15	153	145	11.6	0	16	16	110	104	6.9
R45	Symptoms & signs involving emotional state	6	24	30	53	52	2.0	0	34	34	271	248	8.0
R48	Dyslexia and other symbolic dysfunctions, not elsewhere classified	0	0	0	0	0	..	0	1	1	26	26	26.0
	Other factors related to mental and behavioural disorders <sup>(b)</sup>	14	507	521	3,637	3,592	7.1	1	42	43	225	220	5.3
	Other factors related to substance use <sup>(c)</sup>	0	3	3	33	8	11.0	0	6	6	729	729	121.5
	Other <sup>(d)</sup>	77	2,605	2,682	38,523	36,373	14.8	295	3,689	3,984	147,367	142,235	39.9
	<b>Total</b>	<b>6,916</b>	<b>49,533</b>	<b>56,449</b>	<b>1,226,183</b>	<b>1,201,330</b>	<b>24.6</b>	<b>2,049</b>	<b>54,547</b>	<b>56,596</b>	<b>1,157,976</b>	<b>1,144,672</b>	<b>21.2</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: unspec—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, behav—behavioural, child—childbirth, physiol—physiological.

**Table 5.16: Separations<sup>(a)</sup>, patient-days and psychiatric care days for the top five additional mental health-related diagnoses for separations with specialised psychiatric care, by selected mental health-related principal diagnosis, Australia, 2002–03**

Principal diagnosis	Separations			Patient-days	Psychiatric care days	Average length of stay (o'night)	Average length of psychiatric care	
	Same-day	Overnight	Total					
<b>Mental and behavioural disorders due to psychoactive substances use (F10–F19)</b>								
<b>Top five additional diagnoses<sup>(b)</sup></b>								
F60	Specific personality disorders	15	1,378	1,393	12,692	12,589	9.2	9.1
F32	Depressive episode	10	872	882	11,828	11,377	13.6	13.0
F43	Reaction to severe stress and adjustment disorders	6	656	662	7,201	7,156	11.0	10.9
F20	Schizophrenia	7	382	389	5,831	5,802	15.2	15.2
	Other factors related to mental and behavioural disorders <sup>(c)</sup>	3	367	370	3,762	3,746	10.2	10.2
	<i>Total</i>	<i>155</i>	<i>9,143</i>	<i>9,298</i>	<i>103,975</i>	<i>102,750</i>	<i>11.4</i>	<i>11.2</i>
<b>Schizophrenia, schizotypal and delusional disorders (F20–F29)</b>								
<b>Top five additional diagnoses<sup>(b)</sup></b>								
F11–F19	Mental and behavioural disorders due to other psychoactive substances use	79	9,635	9,714	213,700	212,842	22.2	22.1
F10	Mental and behavioural disorders due to use of alcohol	24	2,987	3,011	73,435	73,108	24.6	24.5
F60	Specific personality disorders	17	2,060	2,077	48,898	48,793	23.7	23.7
F32	Depressive episode	79	968	1,047	19,557	19,404	20.1	20.0
	Other factors related to mental and behavioural disorders <sup>(c)</sup>	8	1,021	1,029	20,795	20,631	20.4	20.2
	<i>Total</i>	<i>1,051</i>	<i>31,508</i>	<i>32,559</i>	<i>1,055,858</i>	<i>1,037,319</i>	<i>33.5</i>	<i>32.9</i>
<b>Mood (affective) disorders (F30–F39)</b>								
<b>Top five additional diagnoses<sup>(b)</sup></b>								
F11–F19	Mental and behavioural disorders due to other psychoactive substances use	127	4,745	4,872	70,399	69,903	14.8	14.7
F60	Specific personality disorders	144	4,016	4,160	63,350	62,835	15.7	15.6
F10	Mental and behavioural disorders due to use of alcohol	98	3,501	3,599	47,942	47,418	13.7	13.5
F43	Reaction to severe stress and adjustment disorders	93	2,220	2,313	31,188	30,793	14.0	13.8
F41	Other anxiety disorders	131	1,829	1,960	36,130	35,790	19.7	19.5
	<i>Total</i>	<i>6,460</i>	<i>33,246</i>	<i>39,706</i>	<i>590,849</i>	<i>584,278</i>	<i>17.6</i>	<i>17.4</i>
<b>Neurotic, stress-related and somatoform disorder (F40–F49)</b>								
<b>Top five additional diagnoses<sup>(b)</sup></b>								
F11–F19	Mental and behavioural disorders due to other psychoactive substances use	58	2,761	2,819	17,390	17,230	6.3	6.2
F60	Specific personality disorders	45	2,658	2,703	21,003	20,880	7.9	7.8
F10	Mental and behavioural disorders due to use of alcohol	50	2,345	2,395	21,334	21,213	9.1	9.0
F32	Depressive episode	126	1,916	2,042	27,446	27,199	14.3	14.1
	Other factors related to mental and behavioural disorders <sup>(c)</sup>	30	1,124	1,154	8,894	8,835	7.9	7.8
	<i>Total</i>	<i>559</i>	<i>13,147</i>	<i>13,706</i>	<i>130,006</i>	<i>128,493</i>	<i>9.8</i>	<i>9.7</i>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Where the additional diagnosis is different from the principal diagnosis.

(c) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

**Table 5.17: Separation statistics for separations<sup>(a)</sup> with specialised psychiatric care, with an external cause of injury or poisoning reported as intentional self-harm, by principal diagnosis in ICD-10-AM groupings, Australia, 2002–03**

Principal diagnosis	Separations			Patient-days	Psychiatric care days
	Same-day	Overnight	Total		
F00–F03 Dementia	0	2	2	50	46
F04–F09 Other organic mental disorders	0	18	18	376	369
F10 Mental and behavioural disorders due to use of alcohol	3	100	103	651	634
F11–F19 Mental and behav disorders due to other psychoactive substances use	3	84	87	653	632
F20 Schizophrenia	0	270	270	4,928	4,848
F21, F24, F28–F29 Schizotypal and other delusional disorders	1	34	35	644	623
F22 Persistent delusional disorders	0	17	17	300	299
F23 Acute and transient psychotic disorders	1	22	23	256	244
F25 Schizoaffective disorders	1	72	73	2,131	2,102
F30 Manic episode	0	6	6	98	98
F31 Bipolar affective disorders	1	151	152	2,313	2,268
F32 Depressive episode	17	764	781	12,314	11,949
F33 Recurrent depressive disorders	0	263	263	5,058	4,932
F34 Persistent mood (affective) disorders	1	121	122	1,228	1,113
F38, F39 Other and unspecified mood (affective) disorders	0	10	10	88	86
F40 Phobic anxiety disorders	0	4	4	58	58
F41 Other anxiety disorders	0	39	39	586	575
F42 Obsessive-compulsive disorders	0	13	13	237	235
F43 Reaction to severe stress and adjustment disorders	24	676	700	4,737	4,496
F44 Dissociative (conversion) disorders	0	38	38	733	726
F45,F48 Somatoform and other neurotic disorders	1	13	14	94	92
F50 Eating disorders	0	41	41	1,722	1,606
F51–F59 Other behav syndromes associated with physiological dist and physical factors	0	2	2	25	24
F60 Specific personality disorders	10	571	581	4,509	4,394
F60–F69 Disorders of adult personality and behaviour	0	26	26	133	124
F70–F79 Mental retardation	0	2	2	65	64
F80–F89 Disorders of psychological development	0	1	1	13	13
F90 Hyperkinetic disorders	0	1	1	3	3
F91 Conduct disorders	0	10	10	94	92
F92–F98 Other and unspecified disorders with onset in childhood or adolescence	0	6	6	298	245
F99 Mental disorder not otherwise specified	1	7	8	46	42
O99.3 Mental disorders & dis of the nerv sys complic preg, child & puerp	1	1	2	6	6
R44 Mental disorders & dis of the nerv sys complic pregnancy, childhood & puerperium	1	0	1	1	1
R45 Symptoms & signs involving emotional state	0	1	1	5	5
Other factors related to mental and behavioural disorders <sup>(b)</sup>	0	2	2	27	23
Other factors related to substance use <sup>(c)</sup>	0	0	0	0	0
Other <sup>(d)</sup>	46	2,018	2,064	16,917	15,009
<b>Total</b>	<b>112</b>	<b>5,406</b>	<b>5,518</b>	<b>61,397</b>	<b>58,076</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Includes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z61.9, Z63.1, Z63.8, Z63.9, Z65.8, Z65.9, Z76.0.

(c) Includes Z50.2, Z50.3, Z71.4, Z71.5.

(d) All other codes not included in the mental health principal diagnosis as listed in Appendix 3.

Note: behav—behavioural, unspéc—unspecified, w—with, phys—physical, dist—disturbances, dis—diseases, nerv sys—nervous system, complic—complicating, preg—pregnancy, child—childbirth, puerp—puerperium.

## 5.4 Australian Refined Diagnosis Related Groups

Australian Refined Diagnosis Related Groups (AR-DRGs) categorise acute admitted-patient episodes into groups with similar clinical conditions and resource requirements. These categories were designed to provide a clinically meaningful way of relating the number and types of patients treated in a hospital to the resources required by the hospital. This report uses AR-DRG version 5.0 (DHAC 2000a, 2000b). Although the AR-DRGs are designed to be homogeneous groups with respect to resources, AR-DRGs relevant to some mental health care are less homogeneous than most other AR-DRG types.

### Overview

The 30 most frequently reported AR-DRGs for mental health-related separations with specialised psychiatric care are detailed in Table 5.18. The largest number of same-day separations was reported for U40Z *Mental health treatment, same day, with electroconvulsive therapy* (5,840 separations or 73.3% of same-day separations).

The largest number of overnight separations was reported for U63B *Major affective disorders with age less than 70 and without catastrophic or severe complications and comorbidities*, which accounted for 23.1% (22,502 separations) of overnight separations. *Personality disorders and acute reactions* (U67Z), *Schizophrenia disorders with mental health legal status* (U61A) and *Schizophrenia disorders without mental health legal status* (U61B) were the AR-DRGs with the next largest number of separations.

Data for 2002–03 on the average and median length of stay by AR-DRG can be found in Tables A3.15 and A3.16 and on the Internet (under Internet-only tables) at <[www.aihw.gov.au](http://www.aihw.gov.au)>.

### Hospital type

Tables 5.19 to 5.21 outline the 30 most frequently reported AR-DRGs for mental health-related separations with specialised psychiatric care for each hospital type.

The largest number of overnight and total separations for public acute care hospitals were reported for *Major affective disorders with age less than 70 and without catastrophic or severe complications and comorbidities* (U63B, 13,019 separations) (Table 5.19). *Mental health treatment, same day, with electroconvulsive therapy* (U40Z, 3,415 separations) was reported for the largest number of same-day separations for public acute hospitals. The largest number of patient-days and psychiatric care days in this category were reported for the AR-DRG *Schizophrenia disorders with mental health legal status* (U61A, 273,031 patient-days and 272,155 psychiatric care days).

In private hospitals, *Major affective disorders with age less than 70 and without catastrophic or severe complications and comorbidities* (U63B, 7,595 separations) had the largest numbers of overnight and total separations with specialised psychiatric care (Table 5.20). *Mental health treatment, same day, with electroconvulsive therapy* (U40Z) again had the largest numbers of same-day separations in this category (2,420 same-day separations). In private hospitals, the largest numbers of patient-days and psychiatric care days were reported for *Major affective disorders with age less than 70 and without catastrophic or severe complications and comorbidities* (U63B, 144,264 patient-days and 143,447 psychiatric care days).

Public psychiatric hospitals had a slightly different distribution of separations by AR-DRG, with *Schizophrenia disorders with mental health legal status* (U61A) having the largest number of overnight and total separations with specialised psychiatric care (2,597 separations or 22.3% of overnight separations), followed by *Personality disorders and acute reactions* (U67Z), 1,924 separations or 16.5% of overnight separations, (see Table 5.21). Over 44% of all patient-days and psychiatric care days in public psychiatric hospitals were for separations classified in the AR-DRG *Schizophrenia disorders with mental health legal status* (U61A).

## 5.5 Procedures

The *National Health Data Dictionary*, version 11 (NHDC 2002), defines a procedure as a clinical intervention that is surgical in nature, carries a procedural risk, carries an anaesthetic risk, requires specialised training, and/or requires special facilities or equipment available only in an acute care setting. One or more procedures can be reported for each separation, but procedures are not undertaken for all hospital admissions.

Table 5.22 details the number of separations relating to the 30 procedures most frequently reported for mental health-related separations with specialised psychiatric care by hospital type. The most frequently reported procedures in public acute hospitals were *Allied health intervention, social work* (12,260 separations), *Allied health intervention, occupational therapy* (9,537 separations) and *Electroconvulsive therapy, 8 treatments or less* (5,118 separations). For private hospitals, the most frequently reported procedures were *Electroconvulsive therapy, 8 treatments or less* (4,697 separations), *General anaesthesia, ASA 99* (4,115 separations) and *Allied health intervention, psychology* (1,662 separations). For public psychiatric hospitals, the most frequently reported procedures were *Allied health intervention, social work* (5,225 separations), *Mental/behavioural assessment* (2,755 separations) and *Allied health intervention, occupational therapy* (2,669 separations).

The high number of anaesthesia-related procedure codes in these tables reflects the coding standard for ICD-10-AM, which requires that an individual anaesthesia procedure be coded each time a patient receives electroconvulsive therapy. American Society of Anaesthesiologists (ASA) Physical Status Classification scores were newly incorporated into ICD-10-AM 3rd edition. The ASA score is reflected in the last two digits of anaesthesia codes, with the first digit representing the ASA score and the second digit identifying whether the procedure was being performed as an emergency (see the Glossary for more information).

Note that where tables in this section include average length of stay data, there are equivalent median length of stay data available at <[www.aihw.gov.au](http://www.aihw.gov.au)>.

**Table 5.18: The 30 most frequently reported AR-DRGs version 5.0 for separations<sup>(a)</sup> with specialised psychiatric care, Australia, 2002–03**

AR-DRG Description	Separations			Per 1,000 population <sup>(b)</sup>	Patient-days	Patient-days per 1,000 population <sup>(b)</sup>	Psychiatric care days per 1,000 population <sup>(b)</sup>	
	Same-day	Overnight	Total				Psychiatric care days	1,000 population <sup>(b)</sup>
U63B Major Affective Disorders Age <70 W/O Catastrophic or Severe CC	0	22,502	22,502	1.14	374,350	18.95	371,057	18.78
U67Z Personality Disorders and Acute Reactions	0	14,743	14,743	0.75	110,213	5.58	108,905	5.51
U61A Schizophrenia Disorders W Mental Health Legal Status	0	14,583	14,583	0.74	457,103	23.14	451,978	22.88
U61B Schizophrenia Disorders W/O Mental Health Legal Status	0	11,451	11,451	0.58	233,476	11.82	231,863	11.74
U40Z Mental Health Treatment, Sameday, W ECT	5,840	0	5,840	0.30	5,840	0.30	5,840	0.30
U64Z Other Affective and Somatoform Disorders	0	5,564	5,564	0.28	69,000	3.49	67,707	3.43
U63A Major Affective Disorders Age >69 or W (Catastrophic or Severe CC)	0	3,989	3,989	0.20	96,992	4.91	94,904	4.80
V61Z Drug Intoxication and Withdrawal	49	3,017	3,066	0.16	25,728	1.30	25,551	1.29
U62A Paranoia & Acute Psych Disorder W Cat/Sev CC or W Mental Health Legal Status	0	2,423	2,423	0.12	38,079	1.93	37,674	1.91
V62A Alcohol Use Disorder and Dependence	0	2,163	2,163	0.11	27,240	1.38	26,579	1.35
U65Z Anxiety Disorders	0	1,867	1,867	0.09	24,756	1.25	24,455	1.24
U62B Paranoia & Acute Psych Disorder W/O Cat/Sev CC W/O Mental Health Legal Status	0	1,847	1,847	0.09	23,142	1.17	22,708	1.15
U60Z Mental Health Treatment, Sameday, W/O ECT	1,789	0	1,789	0.09	1,789	0.09	1,789	0.09
B63Z Dementia and Other Chronic Disturbances of Cerebral Function	33	1,681	1,714	0.09	64,104	3.24	63,486	3.21
U66Z Eating and Obsessive-Compulsive Disorders	0	1,297	1,297	0.07	32,239	1.63	31,490	1.59
V64Z Other Drug Use Disorder and Dependence	23	1,213	1,236	0.06	11,478	0.58	11,302	0.57
V60B Alcohol Intoxication and Withdrawal W/O CC	37	1,103	1,140	0.06	6,613	0.33	6,527	0.33
X62B Poisoning/Toxic Effects of Drugs & Other Substances Age <60 W/O CC	20	915	935	0.05	4,826	0.24	4,416	0.22
X62A Poisoning/Toxic Effects of Drugs & Other Substances Age >59 or W CC	16	900	916	0.05	8,746	0.44	7,736	0.39
Z64A Other Factors Influencing Health Status	0	904	904	0.05	10,130	0.51	9,680	0.49
B64B Delirium W/O Catastrophic CC	1	412	413	0.02	7,128	0.36	6,933	0.35
U68Z Childhood Mental Disorders	0	387	387	0.02	4,980	0.25	4,756	0.24
V63A Opioid Use Disorder and Dependence	2	311	313	0.02	3,215	0.16	3,198	0.16
O61Z Postpartum and Post Abortion W/O O.R. Procedure	10	277	287	0.01	4,202	0.21	4,188	0.21
V60A Alcohol Intoxication and Withdrawal W CC	9	242	251	0.01	3,330	0.17	3,252	0.16
X60C Injuries Age <65	14	237	251	0.01	1,391	0.07	1,318	0.07
B81B Other Disorders of the Nervous System W/O Catastrophic or Severe CC	3	213	216	0.01	7,605	0.38	7,540	0.38
E62C Respiratory Infections/Inflammations W/O CC	0	69	69	<0.01	351	0.02	329	0.02
E65B Chronic Obstructive Airways Disease W/O Catastrophic or Severe CC	0	66	66	<0.01	451	0.02	410	0.02
H08B Laparoscopic Cholecystectomy W/O Closed CDE W/O Cat or Sev CC	1	59	60	<0.01	103	<0.01	100	<0.01
All other AR-DRGS	120	2,979	3,099	0.16	58,247	2.95	52,743	2.67
<b>Total</b>	<b>7,967</b>	<b>97,414</b>	<b>105,381</b>	<b>5.33</b>	<b>1,716,847</b>	<b>86.89</b>	<b>1,690,414</b>	<b>85.56</b>

(a) Separations for which the care type was reported as *Acute*, *Newborn* with qualified days, or *Not reported*.

(b) Rates are crude rates based on the total Australian estimated resident population of 31 December 2002.

Note: W—without, W/O—without, CC—complications and comorbidities, ECT—electroconvulsive therapy, Cat/Sev—catastrophic or severe, O.R.—operating room, Psych—psychotic, CDE—common duct exploration.

**Table 5.19: Separations, patient-days and psychiatric care days for separations<sup>(a)</sup> with specialised psychiatric care for the 30 most frequently reported AR-DRGs version 5.0, public acute hospitals, Australia, 2002-03**

AR-DRG Description	Separations				Total patient-days	Patient-days per 1,000 population <sup>(b)</sup>	Total psychiatric care days	Psychiatric care days per 1,000 population <sup>(b)</sup>
	Same-day	Overnight	Total	Per 1,000 population <sup>(b)</sup>				
U63B Major Affective Disorders Age <70 W/O Catastrophic or Severe CC	0	13,019	13,019	0.66	190,915	9.66	188,931	9.56
U61A Schizophrenia Disorders W Mental Health Legal Status	0	11,920	11,920	0.60	273,031	13.82	272,155	13.77
U67Z Personality Disorders and Acute Reactions	0	10,391	10,391	0.53	59,297	3.00	58,472	2.96
U61B Schizophrenia Disorders W/O Mental Health Legal Status	0	8,379	8,379	0.42	126,420	6.40	125,278	6.34
U64Z Other Affective and Somatoform Disorders	0	3,915	3,915	0.20	41,078	2.08	40,459	2.05
U40Z Mental Health Treatment, Same-day, W ECT	3,415	0	3,415	0.17	3,415	0.17	3,415	0.17
V61Z Drug Intoxication and Withdrawal	41	2,430	2,471	0.13	19,699	1.00	19,546	0.99
U63A Major Affective Disorders Age >69 or W (Catastrophic or Severe CC)	0	2,213	2,213	0.11	53,447	2.71	51,721	2.62
U62A Paranoia & Acute Psych Disorder W Cat/Sev CC or W Mental Health Legal Status	0	1,979	1,979	0.10	29,649	1.50	29,335	1.48
U62B Paranoia & Acute Psych Disorder W/O Cat/Sev CC W/O Mental Health Legal Status	0	1,411	1,411	0.07	15,653	0.79	15,454	0.78
B63Z Dementia and Other Chronic Disturbances of Cerebral Function	29	1,127	1,156	0.06	35,892	1.82	35,431	1.79
U60Z Mental Health Treatment, Same-day, W/O ECT	1,080	0	1,080	0.05	1,080	0.05	1,080	0.05
X62B Poisoning/Toxic Effects of Drugs & Other Substances Age <60 W/O CC	20	892	912	0.05	4,550	0.23	4,165	0.21
X62A Poisoning/Toxic Effects of Drugs & Other Substances Age >59 or W CC	15	859	874	0.04	8,204	0.42	7,239	0.37
U65Z Anxiety Disorders	0	780	780	0.04	7,899	0.40	7,769	0.39
V60B Alcohol Intoxication and Withdrawal W/O CC	30	684	714	0.04	2,994	0.15	2,922	0.15
U66Z Eating and Obsessive-Compulsive Disorders	0	696	696	0.04	16,090	0.81	15,529	0.79
V62A Alcohol Use Disorder and Dependence	0	618	618	0.03	4,272	0.22	4,136	0.21
V64Z Other Drug Use Disorder and Dependence	10	595	605	0.03	3,318	0.17	3,261	0.17
Z64A Other Factors Influencing Health Status	0	464	464	0.02	6,367	0.32	6,359	0.32
U68Z Childhood Mental Disorders	0	289	289	0.01	3,856	0.20	3,746	0.19
B64B Delirium W/O Catastrophic CC	1	267	268	0.01	3,720	0.19	3,549	0.18
X60C Injuries Age <65	14	233	247	0.01	1,352	0.07	1,279	0.06
O61Z Postpartum and Post Abortion W/O O.R. Procedure	7	186	193	<0.01	2,366	0.12	2,354	0.12
B81B Other Disorders of the Nervous System W/O Catastrophic or Severe CC	2	168	170	<0.01	1,699	0.09	1,654	0.08
V60A Alcohol Intoxication and Withdrawal W CC	6	144	150	<0.01	1,812	0.09	1,754	0.09
V63A Opioid Use Disorder and Dependence	2	79	81	<0.01	372	0.02	368	0.02
E62C Respiratory Infections/Inflammations W/O CC	0	69	69	<0.01	351	0.02	329	0.02
E65B Chronic Obstructive Airways Disease W/O Catastrophic or Severe CC	0	65	65	<0.01	426	0.02	396	0.02
H08B Laparoscopic Cholecystectomy W/O Closed CDE W/O Cat or Sev CC	1	59	60	<0.01	103	<0.01	100	<0.01
All other AR-DRGS	81	2,552	2,633	0.13	29,019	1.47	24,476	1.24
<b>Total</b>	<b>4,754</b>	<b>66,483</b>	<b>71,237</b>	<b>3.61</b>	<b>948,346</b>	<b>48.00</b>	<b>932,662</b>	<b>47.20</b>

(a) Separations for which the care type was reported as *Acute*, *Newborn* with qualified days, or *Not reported*.

(b) Rates are crude rates based on the estimated resident population as at 31 December 2002.

Note: W—with, W/O—without, CC—complications and comorbidities, ECT—electroconvulsive therapy, Cat/Sev—catastrophic or severe, O.R.—operating room, Psych—psychotic, CDE—common duct exploration.

**Table 5.20: Separations, patient-days and psychiatric care days for separations<sup>(a)</sup> with specialised psychiatric care for the 30 most frequently reported AR-DRGs version 5.0, private hospitals, Australia, 2002–03**

AR-DRG Description	Separations			Per 1,000 population <sup>(b)</sup>	Patient-days	Patient-days per 1,000 population <sup>(b)</sup>	Psychiatric care days	Psychiatric care days per 1,000 population <sup>(b)</sup>
	Same-day	Overnight	Total					
U63B Major Affective Disorders Age <70 W/O Catastrophic or Severe CC	0	7,595	7,595	0.38	144,264	7.30	143,447	7.26
U67Z Personality Disorders and Acute Reactions	0	2,428	2,428	0.12	35,753	1.81	35,658	1.80
U40Z Mental Health Treatment, Same-day, W ECT	2,420	0	2,420	0.12	2,420	0.12	2,420	0.12
U61B Schizophrenia Disorders W/O Mental Health Legal Status	0	1,631	1,631	0.08	33,233	1.68	33,208	1.68
U63A Major Affective Disorders Age >69 or W (Catastrophic or Severe CC)	0	1,479	1,479	0.07	33,972	1.72	33,616	1.70
V62A Alcohol Use Disorder and Dependence	0	1,401	1,401	0.07	21,139	1.07	20,727	1.05
U64Z Other Affective and Somatoform Disorders	0	1,238	1,238	0.06	22,102	1.12	21,841	1.11
U65Z Anxiety Disorders	0	1,006	1,006	0.05	15,841	0.80	15,745	0.80
U66Z Eating and Obsessive-Compulsive Disorders	0	554	554	0.03	14,965	0.76	14,860	0.75
V64Z Other Drug Use Disorder and Dependence	7	391	398	0.02	6,579	0.33	6,570	0.33
U60Z Mental Health Treatment, Same-day, W/O ECT	332	0	332	0.02	332	0.02	332	0.02
B63Z Dementia and Other Chronic Disturbances of Cerebral Function	2	234	236	0.01	5,418	0.27	5,313	0.27
U62B Paranoia & Acute Psych Disorder W/O Cat/Sev CC W/O Mental Health Legal Status	0	218	218	0.01	3,534	0.18	3,513	0.18
V63A Opioid Use Disorder and Dependence	0	199	199	0.01	2,632	0.13	2,631	0.13
V60B Alcohol Intoxication and Withdrawal W/O CC	2	173	175	<0.01	2,153	0.11	2,152	0.11
V61Z Drug Intoxication and Withdrawal	4	95	99	<0.01	1,632	0.08	1,632	0.08
O61Z Postpartum and Post Abortion W/O O.R. Procedure	3	77	80	<0.01	1,502	0.08	1,500	0.08
B64B Delirium W/O Catastrophic CC	0	76	76	<0.01	1,482	0.08	1,477	0.07
U61A Schizophrenia Disorders W Mental Health Legal Status	0	66	66	<0.01	2,053	0.10	2,053	0.10
V60A Alcohol Intoxication and Withdrawal W CC	0	57	57	<0.01	768	0.04	748	0.04
E63Z Sleep Apnoea	0	49	49	<0.01	94	<0.01	63	<0.01
X62A Poisoning/Toxic Effects of Drugs & Other Substances Age >59 or W CC	1	39	40	<0.01	529	0.03	484	0.02
U62A Paranoia & Acute Psych Disorder W Cat/Sev CC or W Mental Health Legal Status	0	25	25	<0.01	688	0.03	688	0.03
U68Z Childhood Mental Disorders	0	23	23	<0.01	416	0.02	416	0.02
Z64A Other Factors Influencing Health Status	0	22	22	<0.01	555	0.03	555	0.03
V63B Opioid Use Disorder and Dependence, Left Against Medical Advice	0	21	21	<0.01	137	<0.01	135	<0.01
Z61Z Signs and Symptoms	0	17	17	<0.01	345	0.02	345	0.02
X62B Poisoning/Toxic Effects of Drugs & Other Substances Age <60 W/O CC	0	16	16	<0.01	236	0.01	211	0.01
B81B Other Disorders of the Nervous System W/O Catastrophic or Severe CC	0	10	10	<0.01	161	<0.01	155	<0.01
I68B Non-surgical Spinal Disorders W/O CC	0	9	9	<0.01	261	0.01	175	<0.01
All other AR-DRGS	25	151	176	<0.01	3,197	0.16	2,792	0.14
<b>Total</b>	<b>2,796</b>	<b>19,300</b>	<b>22,096</b>	<b>1.12</b>	<b>358,393</b>	<b>18.14</b>	<b>355,462</b>	<b>17.99</b>

(a) Separations for which the care type was reported as *Acute*, *Newborn* with qualified days, or *Not reported*.

(b) Rates are crude rates based on the estimated resident population as at 31 December 2002.

Note: W—with, W/O—without, CC—complications and comorbidities, ECT—electroconvulsive therapy, Cat/Sev—catastrophic or severe, O.R.—operating room, Psych—psychotic.

**Table 5.21: Separations, patient-days and psychiatric care days for separations<sup>(a)</sup> with specialised psychiatric care for the 30 most frequently reported AR-DRGs version 5.0, public psychiatric hospitals, Australia, 2002–03**

AR-DRG Description	Separations				Patient-days	Patient-days per 1,000 population <sup>(b)</sup>	Psychiatric care days	Psychiatric care days per 1,000 population <sup>(b)</sup>
	Same-day	Overnight	Total	Per 1,000 population <sup>(b)</sup>				
U61A Schizophrenia Disorders W Mental Health Legal Status	0	2,597	2,597	0.13	182,019	9.21	177,770	9.00
U67Z Personality Disorders and Acute Reactions	0	1,924	1,924	0.10	15,163	0.77	14,775	0.75
U63B Major Affective Disorders Age <70 W/O Catastrophic or Severe CC	0	1,888	1,888	0.10	39,171	1.98	38,679	1.96
U61B Schizophrenia Disorders W/O Mental Health Legal Status	0	1,441	1,441	0.07	73,823	3.74	73,377	3.71
V61Z Drug Intoxication and Withdrawal	4	492	496	0.03	4,397	0.22	4,373	0.22
U62A Paranoia & Acute Psych Disorder W Cat/Sev CC or W Mental Health Legal Status	0	419	419	0.02	7,742	0.39	7,651	0.39
Z64A Other Factors Influencing Health Status	0	418	418	0.02	3,208	0.16	2,766	0.14
U64Z Other Affective and Somatoform Disorders	0	411	411	0.02	5,820	0.29	5,407	0.27
U60Z Mental Health Treatment, Same-day, W/O ECT	377	0	377	0.02	377	0.02	377	0.02
B63Z Dementia and Other Chronic Disturbances of Cerebral Function	2	320	322	0.02	22,794	1.15	22,742	1.15
U63A Major Affective Disorders Age >69 or W (Catastrophic or Severe CC)	0	297	297	0.02	9,573	0.48	9,567	0.48
V60B Alcohol Intoxication and Withdrawal W/O CC	5	246	251	0.01	1,466	0.07	1,453	0.07
V64Z Other Drug Use Disorder and Dependence	6	227	233	0.01	1,581	0.08	1,471	0.07
U62B Paranoia & Acute Psych Disorder W/O Cat/Sev CC W/O Mental Health Legal Status	0	218	218	0.01	3,955	0.20	3,741	0.19
V62A Alcohol Use Disorder and Dependence	0	144	144	<0.01	1,829	0.09	1,716	0.09
U65Z Anxiety Disorders	0	81	81	<0.01	1,016	0.05	941	0.05
U68Z Childhood Mental Disorders	0	75	75	<0.01	708	0.04	594	0.03
B64B Delirium W/O Catastrophic CC	0	69	69	<0.01	1,926	0.10	1,907	0.10
U66Z Eating and Obsessive-Compulsive Disorders	0	47	47	<0.01	1,184	0.06	1,101	0.06
V60A Alcohol Intoxication and Withdrawal W CC	3	41	44	<0.01	750	0.04	750	0.04
B81B Other Disorders of the Nervous System W/O Catastrophic or Severe CC	1	35	36	<0.01	5,745	0.29	5,731	0.29
V63A Opioid Use Disorder and Dependence	0	33	33	<0.01	211	0.01	199	0.01
O61Z Postpartum and Post Abortion W/O O.R. Procedure	0	14	14	<0.01	334	0.02	334	0.02
B67B Degenerative Nervous System Disorders Age >59 W/O Cat or Sev CC	0	8	8	<0.01	2,012	0.10	2,012	0.10
B67A Degenerative Nervous System Disorders W Cat or Sev CC	0	7	7	<0.01	316	0.02	316	0.02
X62B Poisoning/Toxic Effects of Drugs & Other Substances Age <60 W/O CC	0	7	7	<0.01	40	<0.01	40	<0.01
B64A Delirium W Catastrophic CC	1	4	5	<0.01	68	<0.01	68	<0.01
B67C Degenerative Nervous System Disorders Age <60 W/O Cat or Sev CC	0	5	5	<0.01	445	0.02	445	0.02
O66A Antenatal & Other Obstetric Admission	0	5	5	<0.01	111	<0.01	111	<0.01
U40Z Mental Health Treatment, Same-day, W ECT	5	0	5	<0.01	5	<0.01	5	<0.01
All other AR-DRGS	13	158	171	<0.01	22,319	1.13	21,871	1.11
<b>Total</b>	<b>417</b>	<b>11,631</b>	<b>12,048</b>	<b>0.61</b>	<b>410,108</b>	<b>20.76</b>	<b>402,290</b>	<b>20.36</b>

(a) Separations for which the care type was reported as *Acute*, *Newborn* with qualified days, or *Not reported*.

(b) Rates are crude rates based on the estimated resident population as at 31 December 2002.

Note: W—with, W/O—without, CC—complications and comorbidities, ECT—electroconvulsive therapy, Cat/Sev—catastrophic or severe, O.R.—operating room, Psych—psychotic.

**Table 5.22: The 30 most frequently reported procedures for separations<sup>(a)</sup> with specialised psychiatric care, by hospital type, Australia, 2002–03**

Procedure	Separations for which the procedure was reported			Patient-days	Psychiatric care days	ALOS (days) excluding same-day	Total procedures reported
	Same-day	Overnight	Total				
<b>Public acute hospitals</b>							
95550-01 Allied health intervention, social work	71	12,189	12,260	314,846	308,022	25.8	12,270
95550-02 Allied health intervention, occupational therapy	55	9,482	9,537	268,287	263,166	28.3	9,543
93340-00 Electroconvulsive therapy [ECT] <= 8 treatments	3,353	1,765	5,118	44,566	43,897	23.4	5,141
92514-99 General anaesthesia, ASA 99	3,001	2,051	5,052	64,624	63,093	30.0	13,161
56001-00 Computerised tomography of brain	23	3,750	3,773	95,284	92,092	25.4	3,787
95550-03 Allied health intervention, physiotherapy	7	2,930	2,937	85,700	80,434	29.2	2,944
95550-10 Allied health intervention, psychology	21	2,382	2,403	66,684	65,806	28.0	2,405
95550-00 Allied health intervention, dietetics	58	2,327	2,385	79,961	76,620	34.3	2,390
93340-01 Electroconvulsive therapy [ECT] > 8 treatments	243	652	895	36,589	35,962	55.7	899
92514-29 General anaesthesia, ASA 29	318	502	820	13,259	12,683	25.8	2,243
95550-05 Allied health intervention, speech pathology	1	590	591	26,617	25,064	45.1	592
95550-04 Allied health intervention, podiatry	0	548	548	30,605	30,143	55.8	549
56007-00 Computerised tomography of brain with intravenous contrast medium	0	455	455	12,109	11,287	26.6	455
92515-99 Sedation, ASA 99	42	356	398	10,964	9,896	30.7	618
90901-00 Magnetic resonance imaging of brain	2	372	374	14,223	13,296	38.2	377
95550-09 Allied health intervention, pharmacy	2	360	362	9,235	8,629	25.6	362
92514-19 General anaesthesia, ASA 19	66	229	295	4,810	4,678	20.7	884
30026-00 Repair of wound of skin and subcutaneous tissue of other site, superficial	25	251	276	4,214	4,048	16.7	328
95550-11 Allied health intervention, other	0	270	270	6,937	6,589	25.7	270
92514-39 General anaesthesia, ASA 39	60	189	249	6,570	5,759	34.4	680
92003-00 Alcohol detoxification	1	231	232	2,464	2,355	10.7	232
96175-00 Mental/behavioural assessment	3	209	212	6,000	5,721	28.7	212
95550-12 Allied health intervention, pastoral care	0	177	177	7,046	6,969	39.8	177
96032-00 Psychosocial assessment	0	158	158	2,120	2,089	13.4	158
13706-02 Transfusion of packed cells	2	146	148	2,736	1,825	18.7	150
13882-00 Management of continuous ventilatory support, <= 24 hours	1	145	146	1,885	1,456	13.0	146
30473-01 Panendoscopy to duodenum with biopsy	0	140	140	4,271	3,957	30.5	140
13857-00 Continuous ventilatory support, initiation outside of intensive care unit	1	137	138	2,267	1,676	16.5	138
95550-13 Allied health intervention, music therapy	0	124	124	4,572	4,474	36.9	124
92191-00 Enteral infusion of nutritional substances	1	116	117	3,742	3,279	32.3	117
Other	131	5,405	5,536	146,214	125,902	27.0	5,971
No procedure or not reported	1,138	43,578	44,716	478,406	474,607	..	..
<b>Total<sup>(b)</sup></b>	<b>4,962</b>	<b>68,866</b>	<b>73,828</b>	<b>1,057,524</b>	<b>1,041,083</b>	<b>15.3</b>	<b>67,463</b>

(continued)

**Table 5.22 (continued): The 30 most frequently reported procedures for separations<sup>(a)</sup> with specialised psychiatric care, by hospital type, Australia, 2002–03**

Procedure	Separations for which the procedure was reported			Patient-days	Psychiatric care days	ALOS (days) excluding same-day	Total procedures reported
	Same-day	Overnight	Total				
<b>Private hospitals</b>							
93340-00	2,807	1,890	4,697	32,310	32,230	16	4,723
92514-99	2,339	1,776	4,115	38,573	38,376	20	7,980
95550-10	41	1,621	1,662	40,068	39,810	25	1,666
96180-00	9	1,385	1,394	27,898	27,862	20	1,396
96090-00	4	1,318	1,322	34,732	33,865	26	1,343
95550-01	6	1,223	1,229	35,807	35,292	29	1,230
96185-00	57	1,113	1,170	23,266	23,187	21	1,173
92003-00	0	1,088	1,088	17,082	17,027	16	1,092
95550-02	1	1,018	1,019	28,068	27,901	28	1,019
96101-00	6	1,000	1,006	22,429	22,217	22	1,008
96001-00	4	768	772	17,896	17,364	23	782
93340-01	156	582	738	25,282	25,179	43	783
95550-00	97	628	725	20,609	20,156	33	727
96073-00	9	680	689	13,806	13,342	20	715
96175-00	1	620	621	14,175	14,163	23	637
92514-29	323	273	596	8,043	8,008	28	1,998
95550-11	26	569	595	10,061	10,029	18	595
92004-00	2	581	583	10,418	10,377	18	591
95550-03	7	509	516	15,504	14,879	30	517
92006-00	1	444	445	6,285	6,284	14	446
96030-00	1	412	413	12,915	12,249	31	431
96027-00	1	398	399	10,210	9,564	26	401
96032-00	1	375	376	11,780	11,216	31	382
92514-19	211	145	356	4,071	4,071	27	913
96034-00	0	289	289	8,121	7,602	28	313
92514-39	63	218	281	5,812	5,780	26	1,257
96066-00	1	273	274	7,254	6,321	27	289
56001-00	2	246	248	6,542	6,231	27	249
92007-00	0	236	236	4,355	4,350	18	239
92002-00	0	230	230	5,646	5,281	25	234
Other	31	3,757	3,788	117,716	109,655	31	4,396
No procedure or not reported	204	9,734	9,938	154,839	154,568	..	..
<b>Total<sup>(b)</sup></b>	<b>3,355</b>	<b>22,347</b>	<b>25,702</b>	<b>420,496</b>	<b>417,560</b>	<b>18.7</b>	<b>39,525</b>

(continued)

**Table 5.22 (continued): The 30 most frequently reported procedures for separations<sup>(a)</sup> with specialised psychiatric care, by hospital type, Australia, 2002–03**

Procedure	Separations for which the procedure was reported			Patient-days	ALOS (days)		Total procedures reported
	Same-day	Overnight	Total		Psychiatric care days	excluding same-day	
<b>Public psychiatric hospitals</b>							
95550-01 Allied health intervention, social work	130	5,095	5,225	343,477	342,554	67.4	5,227
96175-00 Mental/behavioural assessment	248	2,507	2,755	97,411	97,381	38.8	2,756
95550-02 Allied health intervention, occupational therapy	3	2,666	2,669	291,521	290,748	109.3	2,673
95550-10 Allied health intervention, psychology	78	1,782	1,860	149,579	148,993	83.9	1,863
95550-03 Allied health intervention, physiotherapy	1	629	630	129,648	129,644	206.1	632
95550-00 Allied health intervention, dietetics	8	543	551	125,204	125,140	230.6	552
93340-00 Electroconvulsive therapy [ECT] <= 8 treatments	227	316	543	11,716	11,668	36.4	543
96073-00 Substance addiction counselling or education	0	334	334	10,716	10,716	32.1	334
56001-00 Computerised tomography of brain	0	270	270	29,876	29,849	110.7	271
95550-05 Allied health intervention, speech pathology	2	217	219	49,044	49,042	226.0	219
92514-29 General anaesthesia, ASA 29	149	64	213	3,186	3,186	47.5	642
95550-13 Allied health intervention, music therapy	0	204	204	22,816	22,695	111.8	204
92514-19 General anaesthesia, ASA 19	32	170	202	6,741	6,723	39.5	1,163
95550-04 Allied health intervention, podiatry	0	199	199	56,895	56,895	285.9	199
92514-99 General anaesthesia, ASA 99	3	192	195	46,941	46,849	244.5	1,176
95550-09 Allied health intervention, pharmacy	0	191	191	8,324	8,324	43.6	191
93340-01 Electroconvulsive therapy [ECT] > 8 treatments	0	173	173	39,642	39,578	229.1	184
95550-11 Allied health intervention, other	0	170	170	28,835	28,826	169.6	170
96171-00 Accompanying or transportation of client	0	77	77	7,882	7,882	102.4	80
95550-12 Allied health intervention, pastoral care	0	67	67	1,469	1,469	21.9	67
96181-00 Art therapy	0	51	51	9,306	9,306	182.5	51
95550-07 Allied health intervention, orthoptics	0	44	44	8,587	8,587	195.2	44
92514-39 General anaesthesia, ASA 39	28	13	41	729	729	53.9	148
97012-00 Periodic oral examination	0	39	39	7,605	7,605	195.0	44
96021-00 Self-care/self-maintenance assessment	1	36	37	3,156	3,112	87.6	37
97311-00 Removal of tooth or part(s) thereof	0	28	28	7,448	7,444	266.0	43
97511-00 Metallic restoration of tooth, 1 surface	0	26	26	8,616	8,616	331.4	43
96090-00 Other counselling or education	0	20	20	476	404	23.8	20
30026-00 Repair of wound of skin and subcutaneous tissue of other site, superficial	0	20	20	3,316	3,316	165.8	27
90901-00 Magnetic resonance imaging of brain	0	19	19	1,286	1,277	67.7	19
Other	19	333	352	219,406	219,254	658.8	380
No procedure or not reported	250	5,216	5,466	406,510	389,080	..	..
<b>Total<sup>(b)</sup></b>	<b>648</b>	<b>12,867</b>	<b>13,515</b>	<b>906,139</b>	<b>887,359</b>	<b>70.4</b>	<b>20,002</b>

(continued)

**Table 5.22 (continued): The 30 most frequently reported procedures for separations<sup>(a)</sup> with specialised psychiatric care, by hospital type, Australia, 2002-03**

Procedure	Separations for which the procedure was reported			Patient-days	Psychiatric care days	ALOS (days) excluding same-day	Total procedures reported
	Same-day	Overnight	Total				
<b>All hospitals</b>							
95550-01 Allied health intervention, social work	207	18,507	18,714	694,130	685,868	37.5	18,727
95550-02 Allied health intervention, occupational therapy	59	13,166	13,225	587,876	581,815	44.6	13,235
93340-00 Electroconvulsive therapy [ECT] <= 8 treatments	6,387	3,971	10,358	88,592	87,795	20.7	10,407
92514-99 General anaesthesia, ASA 99	5,343	4,019	9,362	150,138	148,318	36.0	22,317
95550-10 Allied health intervention, psychology	140	5,785	5,925	256,331	254,609	44.3	5,934
56001-00 Computerised tomography of brain	25	4,266	4,291	131,702	128,172	30.9	4,307
95550-03 Allied health intervention, physiotherapy	15	4,068	4,083	230,852	224,957	56.7	4,093
95550-00 Allied health intervention, dietetics	163	3,498	3,661	225,774	221,916	64.5	3,669
96175-00 Mental/behavioural assessment	252	3,336	3,588	117,586	117,265	35.2	3,605
93340-01 Electroconvulsive therapy [ECT] > 8 treatments	399	1,344	1,743	98,898	98,104	73.3	1,803
92514-29 General anaesthesia, ASA 29	790	839	1,629	24,488	23,877	28.2	4,883
96180-00 Other psychotherapies or psychosocial therapies	9	1,475	1,484	29,604	29,548	20.1	1,486
96090-00 Other counselling or education	5	1,362	1,367	35,480	34,528	26.0	1,388
92003-00 Alcohol detoxification	1	1,330	1,331	19,699	19,522	14.8	1,335
96185-00 Supportive psychotherapy, not elsewhere classified	57	1,127	1,184	23,455	23,376	20.8	1,187
96073-00 Substance addiction counselling or education	9	1,127	1,136	27,084	26,589	24.0	1,163
95550-11 Allied health intervention, other	26	1,009	1,035	45,833	45,444	45.4	1,035
96101-00 Cognitive behaviour therapy [CBT]	7	1,009	1,016	22,672	22,460	22.5	1,018
92514-19 General anaesthesia, ASA 19	309	544	853	15,622	15,472	28.1	2,960
95550-05 Allied health intervention, speech pathology	3	838	841	76,869	75,223	91.7	842
95550-04 Allied health intervention, podiatry	1	795	796	89,284	88,698	112.3	797
96001-00 Psychological skills training	4	773	777	17,987	17,451	23.3	787
95550-09 Allied health intervention, pharmacy	2	628	630	19,479	18,769	31.0	630
92004-00 Alcohol rehabilitation and detoxification	2	596	598	10,616	10,532	17.8	606
92514-39 General anaesthesia, ASA 39	151	420	571	13,111	12,268	30.9	2,085
96032-00 Psychosocial assessment	1	535	536	13,924	13,329	26.0	542
92515-99 Sedation, ASA 99	45	482	527	16,497	15,177	34.1	782
56007-00 Computerised tomography of brain with intravenous contrast medium	0	505	505	14,226	13,312	28.2	505
92006-00 Drug detoxification	2	488	490	6,649	6,596	13.6	491
90901-00 Magnetic resonance imaging of brain	2	428	430	16,690	15,753	39.0	434
Other	208	12,528	12,736	625,841	591,804	49.9	13,937
No procedure or not reported	1,592	58,528	60,120	1,039,755	1,018,255	..	..
<b>Total<sup>(b)</sup></b>	<b>8,965</b>	<b>104,080</b>	<b>113,045</b>	<b>2,384,159</b>	<b>2,346,002</b>	<b>22.8</b>	<b>126,990</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) These totals are not necessarily equivalent to the sum of the rows because multiple procedures can be reported for each separation.

.. Not applicable.

## 5.6 Mode of admission

Mode of admission is an administrative data element that distinguishes between transfers from other hospitals, statistical admissions following a change in care type, and other admissions. A high proportion (83.5%) of separations from public acute hospitals were 'Other admissions'; this includes planned and unplanned admissions excluding transfers from other hospitals and statistical admissions (Table 5.23). For private hospitals, the corresponding percentage was 94.4%. In public psychiatric hospitals, 65.8% of separations with specialised psychiatric care were 'Other admissions'.

## 5.7 Mode of separation

Approximately 83.0% of separations (61,305 separations) with specialised psychiatric care from public acute hospitals and 95.0% (24,405) from private hospitals ended with a discharge either to the patient's usual residence or own accommodation, or to a welfare institution (Table 5.24). For public psychiatric hospitals, the equivalent figure was 70.3% (9,504), with 9.3% (1,258) ending in statistical discharges from leave and 8.0% (1,077) ending in discharge or transfer to an acute hospital. Statistical discharges from leave are statistical separations that occur while a patient is on leave from the hospital. Statistical discharge occurred for 8.1% of separations with specialised psychiatric care in Western Australia compared with the national average of 2.5%.

## 5.8 Care type

Care type describes the treatment of a patient using the following categories: acute care, rehabilitation care, palliative care, geriatric evaluation and management care, psychogeriatric care, maintenance care or other admitted-patient care (Tables 5.25, 5.26 and 5.27). See the Glossary for further detail and Box 4.2 for differences between jurisdictions.

Acute care was the most frequently recorded care type in all jurisdictions and hospital sectors (105,381 or 93.2% of separations with specialised psychiatric care). It also accounted for the majority of patient-days (72.0%) reported for these separations, and the majority of associated psychiatric care days (72.1%). Maintenance care accounted for only 1.3% of separations with specialised psychiatric care, but for 17.2% of patient-days and 17.5% of psychiatric care days. In Queensland, the administrative practice of assigning maintenance care to long-stay patients has the effect of reducing the proportion of psychogeriatric and rehabilitation care types reported. The variation among the jurisdictions reflects differences in the types of admitted-patient services provided among the states and territories.

**Table 5.23: Separations<sup>(a)</sup> with specialised psychiatric care by mode of admission and hospital type, states and territories<sup>(b)</sup>, 2002–03**

Mode of admission	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospitals</b>									
Admitted patient transferred from another hospital	3,085	1,376	1,137	1,155	1,542	300	75	9	8,679
Statistical admission—episode type change	273	2,284	531	96	171	70	2	46	3,473
Other	16,769	13,618	17,485	5,371	3,973	2,452	1,237	771	61,676
Not reported	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>20,127</b>	<b>17,278</b>	<b>19,153</b>	<b>6,622</b>	<b>5,686</b>	<b>2,822</b>	<b>1,314</b>	<b>826</b>	<b>73,828</b>
<b>Private hospitals</b>									
Admitted patient transferred from another hospital	324	479	82	301	102	n.p.	n.p.	n.p.	1,326
Statistical admission—episode type change	3	15	86	4	0	n.p.	n.p.	n.p.	108
Other	6,806	6,135	5,811	2,681	2,122	n.p.	n.p.	n.p.	24,268
Not reported	0	0	0	0	0	n.p.	n.p.	n.p.	0
<b>Total</b>	<b>7,133</b>	<b>6,629</b>	<b>5,979</b>	<b>2,986</b>	<b>2,224</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>25,702</b>
<b>Public psychiatric hospitals</b>									
Admitted patient transferred from another hospital	2,352	66	204	791	717	111	..	..	4,241
Statistical admission—episode type change	110	28	24	0	213	0	..	..	375
Other	5,226	340	237	1,148	1,777	171	..	..	8,899
Not reported	0	0	0	0	0	0	..	..	0
<b>Total</b>	<b>7,688</b>	<b>434</b>	<b>465</b>	<b>1,939</b>	<b>2,707</b>	<b>282</b>	<b>..</b>	<b>..</b>	<b>13,515</b>
<b>All hospitals</b>									
Admitted patient transferred from another hospital	5,761	1,921	1,423	2,247	2,361	n.p.	n.p.	n.p.	14,246
Statistical admission—episode type change	386	2,327	641	100	384	n.p.	n.p.	n.p.	3,956
Other	28,801	20,093	23,533	9,200	7,872	n.p.	n.p.	n.p.	94,843
Not reported	0	0	0	0	0	n.p.	n.p.	n.p.	0
<b>Total</b>	<b>34,948</b>	<b>24,341</b>	<b>25,597</b>	<b>11,547</b>	<b>10,617</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

.. Not applicable.

n.p. Not published.

**Table 5.24: Separations<sup>(a)</sup> with specialised psychiatric care, by mode of separation and hospital type, states and territories<sup>(b)</sup>, 2002–03**

<b>Mode of separation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Total</b>
<b>Public acute hospitals</b>									
Discharge/transfer to an(other) acute hospital	663	1,475	506	160	458	351	52	1	3,666
Discharge/transfer to a Residential Aged Care Service <sup>(c)</sup>	151	344	50	85	138	60	17	2	847
Discharge/transfer to an(other) psychiatric hospital	580	0	84	343	792	0	10	0	1,809
Discharge/transfer to other health care accommodation (includes mothercraft hospitals)	121	116	293	52	134	116	4	39	875
Statistical discharge type change	176	881	598	75	115	110	2	41	1,998
Left against medical advice/discharge at own risk	345	286	587	126	140	70	12	24	1,590
Statistical discharge from leave	710	0	203	640	22	3	0	0	1,578
Died	78	20	16	27	16	3	0	0	160
Other (includes discharge to usual residence/own accommodation/welfare institution)	17,303	14,156	16,816	5,114	3,871	2,109	1,217	719	61,305
<b>Total</b>	<b>20,127</b>	<b>17,278</b>	<b>19,153</b>	<b>6,622</b>	<b>5,686</b>	<b>2,822</b>	<b>1,314</b>	<b>826</b>	<b>73,828</b>
<b>Private hospitals</b>									
Discharge/transfer to an(other) acute hospital	134	352	76	82	11	n.p.	n.p.	n.p.	670
Discharge/transfer to a Residential Aged Care Service <sup>(c)</sup>	4	13	3	3	0	n.p.	n.p.	n.p.	25
Discharge/transfer to an(other) psychiatric hospital	47	0	1	32	9	n.p.	n.p.	n.p.	90
Discharge/transfer to other health care accommodation (includes mothercraft hospitals)	5	1	2	2	0	n.p.	n.p.	n.p.	13
Statistical discharge type change	3	9	75	9	0	n.p.	n.p.	n.p.	96
Left against medical advice/discharge at own risk	261	27	19	32	26	n.p.	n.p.	n.p.	365
Statistical discharge from leave	22	0	0	2	0	n.p.	n.p.	n.p.	24
Died	5	4	0	2	2	n.p.	n.p.	n.p.	14
Other (includes discharge to usual residence/own accommodation/welfare institution)	6,652	6,223	5,803	2,822	2,176	n.p.	n.p.	n.p.	24,405
<b>Total</b>	<b>7,133</b>	<b>6,629</b>	<b>5,979</b>	<b>2,986</b>	<b>2,224</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>25,702</b>

(continued)

**Table 5.24 (continued): Separations(a) with specialised psychiatric care, by mode of separation and hospital type, states and territories(b), 2002–03**

Mode of separation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public psychiatric hospitals</b>									
Discharge/transfer to an(other) acute hospital	460	77	76	72	369	23	..	..	1,077
Discharge/transfer to a Residential Aged Care Service <sup>(c)</sup>	48	0	10	25	76	35	..	..	194
Discharge/transfer to an(other) psychiatric hospital	129	0	138	71	216	0	..	..	554
Discharge/transfer to other health care accommodation (includes mothercraft hospitals)	89	0	12	21	3	85	..	..	210
Statistical discharge type change	56	43	24	0	94	11	..	..	228
Left against medical advice/discharge at own risk	390	0	2	0	35	0	..	..	427
Statistical discharge from leave	801	11	28	297	110	11	..	..	1,258
Died	28	1	7	10	14	3	..	..	63
Other (includes discharge to usual residence/own accommodation/welfare institution)	5,687	302	168	1,443	1,790	114	..	..	9,504
<b>Total</b>	<b>7,688</b>	<b>434</b>	<b>465</b>	<b>1,939</b>	<b>2,707</b>	<b>282</b>	<b>..</b>	<b>..</b>	<b>13,515</b>
<b>All hospitals</b>									
Discharge/transfer to an(other) acute hospital	1,257	1,904	658	314	838	n.p.	n.p.	n.p.	5,413
Discharge/transfer to a Residential Aged Care Service <sup>(c)</sup>	203	357	63	113	214	n.p.	n.p.	n.p.	1,066
Discharge/transfer to an(other) psychiatric hospital	756	0	223	446	1,017	n.p.	n.p.	n.p.	2,453
Discharge/transfer to other health care accommodation (includes mothercraft hospitals)	215	117	307	75	137	n.p.	n.p.	n.p.	1,098
Statistical discharge type change	235	933	697	84	209	n.p.	n.p.	n.p.	2,322
Left against medical advice/discharge at own risk	996	313	608	158	201	n.p.	n.p.	n.p.	2,382
Statistical discharge from leave	1,533	11	231	939	132	n.p.	n.p.	n.p.	2,860
Died	111	25	23	39	32	n.p.	n.p.	n.p.	237
Other (includes discharge to usual residence/own accommodation/welfare institution)	29,642	20,681	22,787	9,379	7,837	n.p.	n.p.	n.p.	95,214
<b>Total</b>	<b>34,948</b>	<b>24,341</b>	<b>25,597</b>	<b>11,547</b>	<b>10,617</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

(c) Unless this is the usual place of residence.

.. Not applicable.

n.p. Not published.

**Table 5.25: Separations<sup>(a)</sup> with specialised psychiatric care, by care type and hospital type, states and territories<sup>(b)</sup>, 2002-03**

Care type	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospitals</b>									
Acute care	19,359	17,278	18,278	5,998	5,369	2,822	1,309	824	71,237
Rehabilitation care	105	0	6	0	0	0	1	1	113
Palliative care	20	0	0	0	0	0	0	0	20
Geriatric evaluation and management	1	0	1	0	0	0	1	0	3
Psychogeriatric care	524	0	90	577	4	0	0	0	1,195
Maintenance care	116	0	759	47	50	0	1	1	974
Other admitted patient care	2	0	19	0	263	0	2	0	286
Not reported	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>20,127</b>	<b>17,278</b>	<b>19,153</b>	<b>6,622</b>	<b>5,686</b>	<b>2,822</b>	<b>1,314</b>	<b>826</b>	<b>73,828</b>
<b>Private hospitals<sup>(c)</sup></b>									
Acute care	4,074	6,629	5,465	2,956	2,221	n.p.	n.p.	n.p.	22,096
Rehabilitation care	0	0	105	0	0	n.p.	n.p.	n.p.	105
Palliative care	0	0	0	1	0	n.p.	n.p.	n.p.	1
Psychogeriatric care	1	0	17	28	0	n.p.	n.p.	n.p.	46
Maintenance care	0	0	5	1	0	n.p.	n.p.	n.p.	6
Other admitted patient care	3,058	0	387	0	3	n.p.	n.p.	n.p.	3,448
<b>Total</b>	<b>7,133</b>	<b>6,629</b>	<b>5,979</b>	<b>2,986</b>	<b>2,224</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>25,702</b>
<b>Public psychiatric hospitals</b>									
Acute care	7,270	407	10	1,794	2,287	280	..	..	12,048
Rehabilitation care	120	0	19	2	407	0	..	..	548
Palliative care	2	0	0	0	0	1	..	..	3
Geriatric evaluation and management	2	0	0	0	0	0	..	..	2
Psychogeriatric care	294	0	0	140	0	1	..	..	435
Maintenance care	0	0	436	3	13	0	..	..	452
Other admitted patient care	0	27	0	0	0	0	..	..	27
<b>Total</b>	<b>7,688</b>	<b>434</b>	<b>465</b>	<b>1,939</b>	<b>2,707</b>	<b>282</b>	<b>..</b>	<b>..</b>	<b>13,515</b>
<b>All hospitals</b>									
Acute care	30,703	24,314	23,753	10,748	9,877	n.p.	n.p.	n.p.	105,381
Rehabilitation care	225	0	130	2	407	n.p.	n.p.	n.p.	766
Palliative care	22	0	0	1	0	n.p.	n.p.	n.p.	24
Geriatric evaluation and management	3	0	1	0	0	n.p.	n.p.	n.p.	5
Psychogeriatric care	819	0	107	745	4	n.p.	n.p.	n.p.	1,676
Maintenance care	116	0	1,200	51	63	n.p.	n.p.	n.p.	1,432
Other admitted patient care	3,060	27	406	0	266	n.p.	n.p.	n.p.	3,761
<b>Total</b>	<b>34,948</b>	<b>24,341</b>	<b>25,597</b>	<b>11,547</b>	<b>10,617</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>113,045</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

(c) Private hospitals reported no separations with a *Geriatric evaluation and management* care type.

.. Not applicable.

n.p. Not published.

**Table 5.26: Patient-days for separations<sup>(a)</sup> with specialised psychiatric care, by care type and hospital type, states and territories<sup>(b)</sup>, 2002–03**

Care type	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospitals</b>									
Acute care	260,670	298,609	201,064	77,635	61,508	26,099	13,958	8,803	948,346
Rehabilitation care	1,476	0	41	0	0	0	32	42	1,591
Palliative care	166	0	0	0	0	0	0	0	166
Geriatric evaluation and management	4	0	12	0	0	0	2	0	18
Psychogeriatric care	19,734	0	2,441	22,161	85	0	0	0	44,421
Maintenance care	17,182	0	32,556	5,068	5,087	0	18	1	59,912
Other admitted patient care	9	0	196	0	2,858	0	7	0	3,070
<b>Total<sup>(b)</sup></b>	<b>299,241</b>	<b>298,609</b>	<b>236,310</b>	<b>104,864</b>	<b>69,538</b>	<b>26,099</b>	<b>14,017</b>	<b>8,846</b>	<b>1,057,524</b>
<b>Private hospitals<sup>(c)</sup></b>									
Acute care	74,952	106,714	85,448	47,648	31,881	n.p.	n.p.	n.p.	358,393
Rehabilitation care	0	0	1,252	0	0	n.p.	n.p.	n.p.	1,252
Palliative care	0	0	0	54	0	n.p.	n.p.	n.p.	54
Psychogeriatric care	3	0	448	999	0	n.p.	n.p.	n.p.	1,450
Maintenance care	0	0	636	82	0	n.p.	n.p.	n.p.	718
Other admitted patient care	49,528	0	9,074	0	27	n.p.	n.p.	n.p.	58,629
<b>Total</b>	<b>124,483</b>	<b>106,714</b>	<b>96,858</b>	<b>48,783</b>	<b>31,908</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>420,496</b>
<b>Public psychiatric hospitals</b>									
Acute care	272,629	19,245	491	48,962	51,560	17,221	..	..	410,108
Rehabilitation care	17,587	0	1,583	3,613	29,411	0	..	..	52,194
Palliative care	276	0	0	0	0	145	..	..	421
Geriatric evaluation and management	32	0	0	0	0	0	..	..	32
Psychogeriatric care	59,005	0	0	20,239	0	3	..	..	79,247
Maintenance care	0	0	333,450	2,556	13,465	0	..	..	349,471
Other admitted patient care	0	14,666	0	0	0	0	..	..	14,666
<b>Total</b>	<b>349,529</b>	<b>33,911</b>	<b>335,524</b>	<b>75,370</b>	<b>94,436</b>	<b>17,369</b>	<b>..</b>	<b>..</b>	<b>906,139</b>
<b>All hospitals</b>									
Acute care	608,251	424,568	287,003	174,245	144,949	n.p.	n.p.	n.p.	1,716,847
Rehabilitation care	19,063	0	2,876	3,613	29,411	n.p.	n.p.	n.p.	55,037
Palliative care	442	0	0	54	0	n.p.	n.p.	n.p.	641
Geriatric evaluation and management	36	0	12	0	0	n.p.	n.p.	n.p.	50
Psychogeriatric care	78,742	0	2,889	43,399	85	n.p.	n.p.	n.p.	125,118
Maintenance care	17,182	0	366,642	7,706	18,552	n.p.	n.p.	n.p.	410,101
Other admitted patient care	49,537	14,666	9,270	0	2,885	n.p.	n.p.	n.p.	76,365
<b>Total<sup>(b)</sup></b>	<b>773,253</b>	<b>439,234</b>	<b>668,692</b>	<b>229,017</b>	<b>195,882</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,384,159</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

(c) Private hospitals reported no separations with a *Geriatric evaluation and management* care type.

.. Not applicable.

n.p. Not published.

**Table 5.27: Psychiatric care days for separations<sup>(a)</sup> with specialised psychiatric care, by type of episode of care and hospital type, states and territories<sup>(b)</sup>, 2002–03**

Care type	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospital</b>									
Acute care	251,562	298,609	197,747	74,751	61,508	26,099	13,716	8,670	932,662
Rehabilitation care	1,447	0	41	0	0	0	32	12	1,532
Palliative care	165	0	0	0	0	0	0	0	165
Geriatric evaluation and management	3	0	12	0	0	0	2	0	17
Psychogeriatric care	19,695	0	2,441	21,684	85	0	0	0	43,905
Maintenance care	17,025	0	32,543	5,065	5,087	0	18	1	59,739
Other admitted patient care	6	0	192	0	2,858	0	7	0	3,063
<b>Total<sup>(b)</sup></b>	<b>289,903</b>	<b>298,609</b>	<b>232,976</b>	<b>101,500</b>	<b>69,538</b>	<b>26,099</b>	<b>13,775</b>	<b>8,683</b>	<b>1,041,083</b>
<b>Private hospital<sup>(c)</sup></b>									
Acute care	73,133	106,714	84,982	47,187	31,881	n.p.	n.p.	n.p.	355,462
Rehabilitation care	0	0	1,252	0	0	n.p.	n.p.	n.p.	1,252
Palliative care	0	0	0	54	0	n.p.	n.p.	n.p.	54
Psychogeriatric care	3	0	448	994	0	n.p.	n.p.	n.p.	1,445
Maintenance care	0	0	636	82	0	n.p.	n.p.	n.p.	718
Other admitted patient care	49,528	0	9,074	0	27	n.p.	n.p.	n.p.	58,629
<b>Total</b>	<b>122,664</b>	<b>106,714</b>	<b>96,392</b>	<b>48,317</b>	<b>31,908</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>417,560</b>
<b>Public psychiatric hospital</b>									
Acute care	269,843	14,213	491	48,962	51,560	17,221	..	..	402,290
Rehabilitation care	17,433	0	1,583	3,613	29,411	0	..	..	52,040
Palliative care	276	0	0	0	0	145	..	..	421
Geriatric evaluation and management	32	0	0	0	0	0	..	..	32
Psychogeriatric care	58,944	0	0	20,239	0	3	..	..	79,186
Maintenance care	0	0	333,450	2,556	13,465	0	..	..	349,471
Other admitted patient care	0	3,919	0	0	0	0	..	..	3,919
<b>Total</b>	<b>346,528</b>	<b>18,132</b>	<b>335,524</b>	<b>75,370</b>	<b>94,436</b>	<b>17,369</b>	<b>..</b>	<b>..</b>	<b>887,359</b>
<b>All hospitals</b>									
Acute care	594,538	419,536	283,220	170,900	144,949	n.p.	n.p.	n.p.	1,690,414
Rehabilitation care	18,880	0	2,876	3,613	29,411	n.p.	n.p.	n.p.	54,824
Palliative care	441	0	0	54	0	n.p.	n.p.	n.p.	640
Geriatric evaluation and management	35	0	12	0	0	n.p.	n.p.	n.p.	49
Psychogeriatric care	78,642	0	2,889	42,917	85	n.p.	n.p.	n.p.	124,537
Maintenance care	17,025	0	366,629	7,703	18,552	n.p.	n.p.	n.p.	409,927
Other admitted patient care	49,534	3,919	9,266	0	2,885	n.p.	n.p.	n.p.	65,611
<b>Total<sup>(b)</sup></b>	<b>759,095</b>	<b>423,455</b>	<b>664,892</b>	<b>225,187</b>	<b>195,882</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,346,002</b>

(a) Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

(b) Interpretation of differences between jurisdictions needs to be undertaken with care, as they may reflect different service delivery and admission practices, and/or differences in the types of establishments categorised as hospitals.

(c) Private hospitals reported no separations with a *Geriatric evaluation and management* care type.

.. Not applicable.

n.p. Not published.