

## 2 Admitted patient characteristics

The focus (for admitted patients) of this report is the data reported to the NHMD for the NMDS—Admitted Patient Mental Health Care, i.e. admitted patient separations that included a component of specialised psychiatric care. This first section reports these data within the context of ‘mental health-related separations’, i.e. all separations either with a mental health principal diagnosis or that included a component of specialised psychiatric care.

A mental health principal diagnosis in this publication is defined as any separation whose principal diagnosis falls within the chapter on mental disorders in the ICD-10-AM classification (F00 to F99), and some other diagnoses (Appendix 1). When comparing the 1998–99 figures with the previous year, note that codes for post-partum depression which were included in *Disorders of Pregnancy, childbirth and the puerperium* in ICD-9-CM have been moved to the mental disorders chapter in ICD-10-AM and are therefore included in the definition of a mental health principal diagnosis for 1998–99 data (see Appendix 2).

Data are also presented on separations with specialised psychiatric care in the Major Diagnostic Category (MDC of the AR-DRG 4.0/4.1 classification) related to mental diseases and disorders. This section also includes some comparisons between the mental health-related and the specialised psychiatric care separations.

### Overview

#### Mental health-related separations

Table 2.1 summarises the general and specialised psychiatric care in 1998–99 in terms of same day separations and overnight separations and patient days (see Glossary for definition of overnight separations). In 1998–99, mental health-related separations accounted for 4.4% of total hospital separations (251,428 separations) and 14.2% of all patient days (3,177,971 days). In 1997–98, mental health-related separations (which were defined to exclude post-partum depression) accounted for 4.4% of total hospital separations (245,583 separations) and 14.6% of all patient days (3,303,205 days) (AIHW: Moore et al. 2000).

During 1998–99, 37.9% of mental health-related separations (95,222 separations) were same day separations compared with 36.6% (89,866) for the 1997–98 collection period. Overnight separations in 1998–99 accounted for 97% of the mental health-related patient days (3,082,749 days). The proportion of overnight separation patient days for 1997–98 was also 97% (3,059,756).

Figure 2.1 illustrates the relationship between separations with specialised psychiatric care and separations with a mental health principal diagnosis within the context of all hospital separations for 1998–99. Of the 251,428 mental health-related separations reported for 1998–99, there were 168,579 separations or 67.1% with at least some specialised psychiatric care. In comparison, of the 245,583 mental health-related separations reported for 1997–98, there were 133,887 separations or 54.5% with at least some specialised psychiatric care.

Of the 235,487 separations with a mental health principal diagnosis reported for 1997–98, there were 130,222 separations or 55.3% with at least some specialised psychiatric care. In comparison, of the 239,930 separations with a mental health principal diagnosis reported for

1998–99, there were 157,081 separations or 65.5% with at least some specialised psychiatric care. There were 82,849 separations with a mental health principal diagnosis that did not record a component of specialised psychiatric care for 1998–99. The equivalent figure for 1997–98 was 111,696 separations.

Of the separations with specialised psychiatric care, 157,081 or 93.2% were reported as having a mental health principal diagnosis in 1998–99. In 1997–98, a majority of specialised psychiatric care separations (123,791 separations or 92.5%) were also reported as having a mental health principal diagnosis. Thus, there was little change over the year in the proportion of separations that have a mental health principal diagnosis within the specialised separations group.

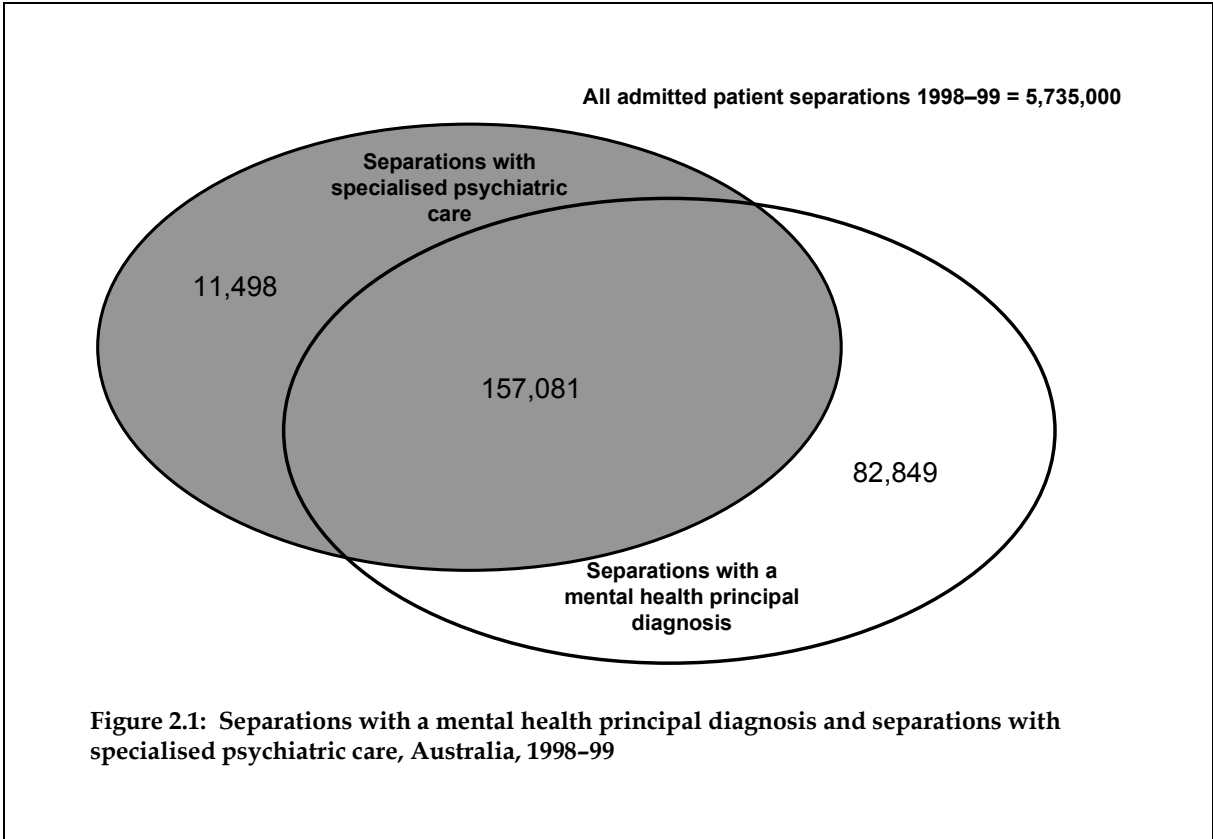


Figure 2.2 outlines the relationship between patient days relating to separations with specialised psychiatric care and those with a mental health principal diagnosis. It shows that patient days of separations with some specialised psychiatric care accounted for nearly 80% of all patient days of separations with a mental health principal diagnosis (2,392,599 days with some specialised psychiatric care of a total 2,999,416 patient days).

In 1998–99 the total number of mental health-related patient days was 3,177,971 (see Table 2.1). Of these, 97% or 3,082,749 days were in overnight separations. Approximately 73% of total mental health-related patient days were from overnight separations with both a mental health principal diagnosis and specialised psychiatric care; 5.5% were attributable to overnight separations with specialised psychiatric care but no mental health principal diagnosis. Overnight separations with a mental health principal diagnosis but no specialised psychiatric care accounted for 18.4% of all mental health-related patient days.

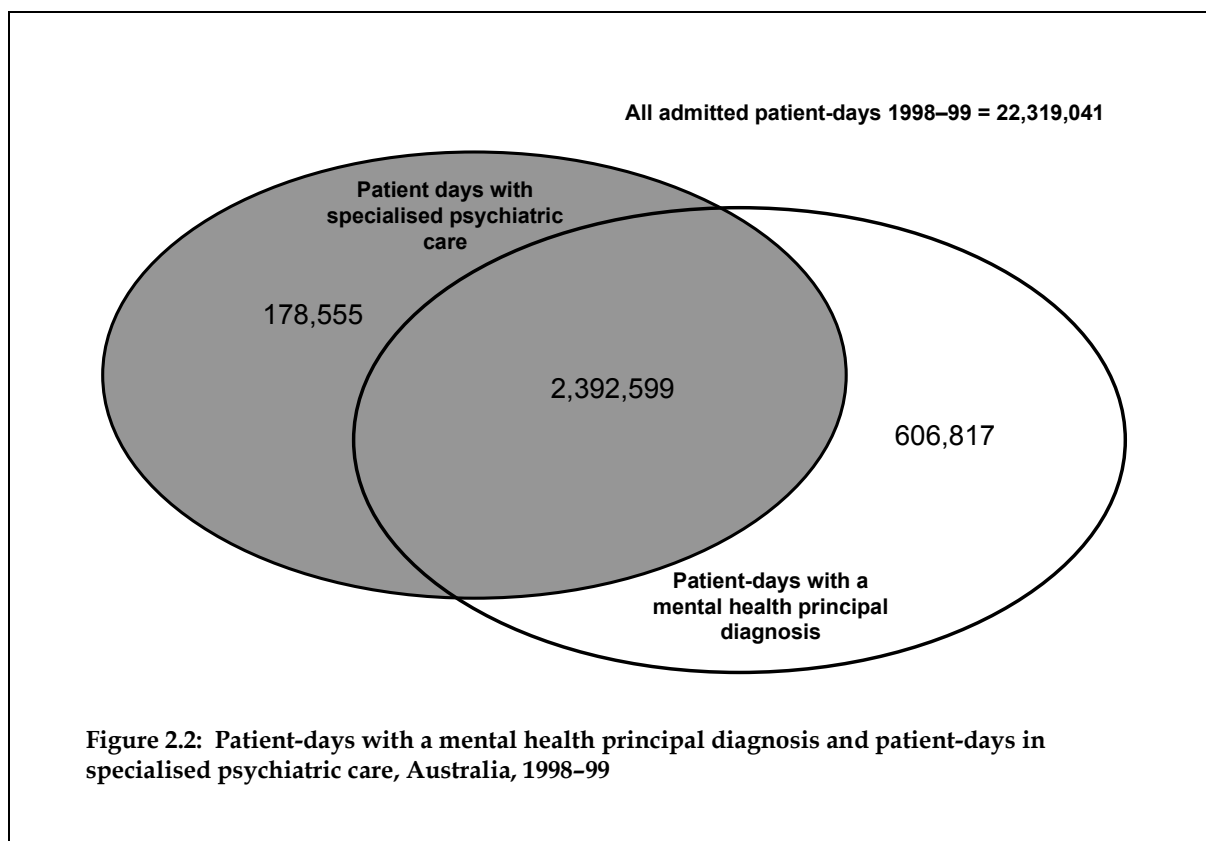


Table 2.2 provides the number of mental health-related separations and patient days for each State and Territory.

Table 2.3 divides mental health-related separations into those with and without specialised psychiatric care and outlines the principal diagnosis of each separation. It provides the summary information illustrated in Figures 2.1 and 2.2. A more detailed discussion of principal diagnoses for separations with specialised psychiatric care can be found in Section 2.2.

### Major Diagnostic Category—mental diseases and disorders

This section examines the relationship between separations with specialised psychiatric care and those in the MDC relating to mental diseases and disorders (MDC 19).

AR-DRGs categorise acute admitted patient episodes into groups with similar clinical conditions and resource requirements (see Appendix 2 for further information on AR-DRG Version 4). These categories were designed to provide clinically meaningful way of relating the number and type of patients treated in a hospital (that is, its casemix), to the resources required by the hospital. AR-DRG categories can be grouped into MDCs and used to compare aspects of hospitalisation such as length of stay. Note that the data presented by AR-DRGs and MDCs include non-acute admitted patient episode data.

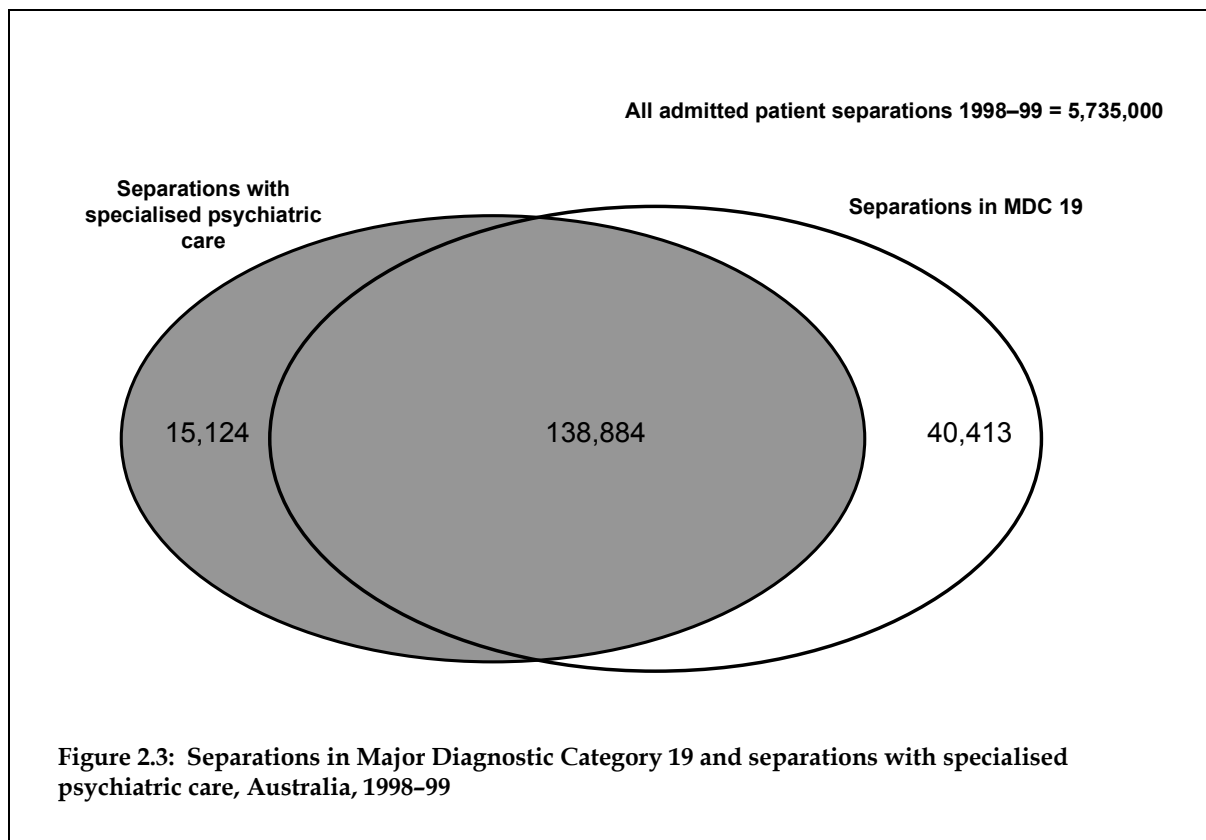


Figure 2.3 shows that of all separations with specialised psychiatric care, 90.2% were in MDC 19. Table 2.4 outlines all separations which fall into MDC 19 (Mental diseases and disorders) and MDC 20 (Alcohol & drug-related disorders) or have specialised psychiatric care. Of the 179,297 separations in MDC 19, 138,884 or 77.5% received some specialised psychiatric care. MDC 19 separations accounted for a total of 2,149,506 patient days, of which 76.5% were spent in specialised psychiatric care. In comparison, in the MDC related to alcohol and other drugs (MDC 20), 49.3% of all separations received some specialised psychiatric care and 56% of patient days were psychiatric care days.

One third of total separations with specialised psychiatric care were classified in AR-DRG U60Z; *Mental health treatment, same day, without electroconvulsive therapy*. This group accounted for 78.6% of all same day separations in the NMDS – Admitted Patient Mental Health Care data collection.

Of the 97,065 overnight separations, 23,623 (24.3%) were classified as belonging to the two AR-DRGs associated with principal diagnoses of *Schizophrenia disorders* (12,441 with involuntary legal status and 11,182 without involuntary legal status). The next largest group of overnight separations was *Major affective disorders age < 70 without catastrophic or severe complications and comorbidities* (U63B) with 21,367 separations.

*Major affective disorders age < 70 without catastrophic or severe complications and comorbidities* (U63B) was the AR-DRG with the highest number of separations of those in the admitted patient mental health collection (24,651 separations, 21,367 with specialised psychiatric care), but *Schizophrenia disorders with involuntary mental health legal status* (U61A) contributed the highest number of patient days and psychiatric care days (619,334 and 486,296 days respectively).

## Separations with specialised psychiatric care

In 1998–99, separations with specialised psychiatric care accounted for 2.9% of total hospital separations (168,579 separations) and 11.5% of all patient days (2,571,154 days). In 1997–98, separations with specialised psychiatric care accounted for 2.4% of total hospital separations (133,887 separations) and 10.7% of all patient days (2,421,460 days) (AIHW: Moore et al. 2000).

In 1998–99, 42.2% of separations with specialised psychiatric care (71,514 separations) were same day separations compared with 41.6% (55,807 separations) for 1997–98. Overnight separations in 1998–99 accounted for 97.2% of the patient days (2,499,640 days).

Table 2.5 summarises the separations, patient days and psychiatric care days in 1998–99 of all separations with specialised psychiatric care by hospital type and jurisdiction. Public acute hospitals accounted for 62.0% of the total number of overnight specialised separations among the three hospital types. Over 70% of specialised separations from public acute hospitals were overnight separations. Private hospitals dominated the same day specialised separations with 62.0% of the total number of same day separations. Approximately 69% of specialised psychiatric care separations in private hospitals were same day. Public psychiatric hospitals had the greatest number of reported patient days and psychiatric care days for specialised psychiatric care separations, with 49.0% of the total number of patient days and 44.1% of the total number of psychiatric care days.

## Principal diagnoses for admitted patients

This section outlines the principal diagnoses of separations with specialised psychiatric care collected from State and Territory governments under the NMDS – Admitted Patient Mental Health Care. The data presented in this section detail hospital separations in which specialised psychiatric care was reported.

Principal diagnosis is presented in this report in ICD-10-AM, but note that Queensland, Western Australia, South Australia and Tasmania provided data for 1998–99 using the ICD-9-CM classification. Data provided in ICD-9-CM were mapped to ICD-10-AM by AIHW (see Appendix 5).

This section presents data on the principal diagnoses using groupings within the ICD-10-AM chapter on mental disorders, but it also presents data in subsets of these groupings in a way similar to the reporting of mental disorders for National Health Priority Areas (AIHW 2000). This finer level of detail will affect the relative ranking of disorders.

Table 2.6 shows the distribution of separations with specialised psychiatric care principal diagnosis. In 1998–99, *Depressive disorders* (F32–F33) accounted for the highest number of same day separations (24,041) and overnight separations (19,181), and the highest per capita rate of hospitalisation at 2.3 hospital separations per 1,000 population. Almost 34% of all same day separations and 20% of all overnight separations had principal diagnoses in the *Depressive disorders* (F32–F33) category. The second largest grouping of principal diagnoses for same-day separations was *Neurotic, stress-related and somatoform disorders* (F40–48), reported for 13,436 same day separations (18.8%). *Schizophrenia* (F20) had the second highest number of overnight separations (18,311) and was reported for 18.9% of all overnight separations.

*Schizophrenia* (F20) accounted for the greatest number of patient days and psychiatric care days with 871,557 or 33.9% of patient days and 692,839 or 31.9% of total psychiatric care days. The number of psychiatric care days for *Schizophrenia* (F20) was approximately double

the number of days attributable to *Depressive disorders* (F32–F33) (369,308 patient days and 328,939 psychiatric care days). This was reflected in the figures for average length of stay (overnight) where *Schizophrenia* (F20) had 47.4 patient days per specialised separation and 37.6 psychiatric care days per separation, whereas *Depressive disorders* (F32–F33) had 18 and 16 days respectively. The principal diagnosis categories of *Mental retardation* (F70–79) and *Disorders of psychological development* (F80–89) had relatively small numbers of separations but much higher rates of patient days per separation, i.e. length of stay, than *Schizophrenia* (F20) and *Depressive disorders* (F32–F33) (see Table 2.6).

Table 2.7 shows the number of separations with specialised psychiatric care by principal diagnosis in ICD-10-AM chapter groupings. Almost 93% of the separations with specialised psychiatric care had a principal diagnosis from the ICD-10-AM mental and behavioural disorders chapter, and they accounted for 107.4 psychiatric care days per 1,000 population. Specialised psychiatric care separations with a principal diagnosis outside the ICD-10-AM mental health chapter accounted for 7.2% of specialised separations and 6.9% of psychiatric care days.

## Hospital type

The distribution of specialised separations by principal diagnosis for each hospital type is presented in Table 2.8. Separations in the principal diagnosis group of *Depressive disorders* (F32–F33) accounted for approximately 38% of all private hospital separations and 41% of private hospital psychiatric care days. Separations with principal diagnoses of *Neurotic, stress-related and somatoform disorders* (F40–F48) accounted for 18.8% of all private hospital separations and 13.9% of private hospital psychiatric care days. Same day separations with principal diagnoses of *Depressive disorders* (F32–F33) made up 38.6% of private same day separations, and same day separations with principal diagnoses of *Neurotic, stress-related and somatoform disorders* (F40–F48) made up 20.5% of private same day separations. For overnight separations, the corresponding figures were 37.6% and 15.0% respectively.

Approximately 20% of all public acute hospital separations had a principal diagnosis in the group *Depressive disorders* (F32–F33), which accounted for 18.1% of reported public acute hospital psychiatric care days. Almost 18% of public acute hospital separations were separations with a principal diagnosis of *Schizophrenia* (F20), which accounted for 31.5% of reported public acute psychiatric care days. Separations with a principal diagnosis of *Schizophrenia* (F20) accounted for 22.5% of public acute hospital specialised overnight separations, and *Depressive disorders* (F32–F33) had the second highest proportion with 17.0%.

Over 22% of all public psychiatric hospital separations and 41.0% of all psychiatric care days in public psychiatric hospitals were attributed to a principal diagnosis of *Schizophrenia* (F20). *Schizophrenia* (F20) also accounted for the highest proportion of overnight separations and patient days in public psychiatric hospitals (22.4% and 41.0% respectively). The principal diagnosis group *Mental and behavioural disorders due to other psychoactive substances use* (F11–F19) accounted for the highest proportion of same day separations in public psychiatric hospitals (21.4%).

## States and Territories

Tables 2.9 to 2.12 outline the number of separations, patient days and psychiatric care days in each principal diagnosis group for each jurisdiction for the 1998–99 financial year. State and Territory data relate to the State and Territory of the hospital, not the State or Territory

of the patient's usual residence. These figures can be influenced by a number of factors such as:

- the availability of admitted patient specialised psychiatric care in the jurisdiction;
- the spread of the population in rural, remote and metropolitan areas;
- differing admission practices; and
- the availability of community-based psychiatric facilities.

Some differences may also be attributed to the mapping of diagnosis codes from ICD-9-CM to ICD-10-AM for Queensland, Western Australia, South Australia and Tasmania (see Appendix 5).

Rates were indirectly age-standardised using the total separations, patient days or psychiatric care days for 1998–99 and the estimated resident population as at December 1998 to calculate the expected number of separations for each jurisdiction (see Appendix 4). Indirect age-standardisation has been used throughout this publication where indicated because this method is less sensitive to small cell sizes than the direct standardisation method.

Table 2.9 presents same day separations with specialised psychiatric care for all States and Territories. Over half the same day separations for Australia as a whole were for principal diagnoses in either *Depressive disorders* (F32–F33) (33.6% of total same day separations) or *Neurotic, stress-related and somatoform disorders* (F40–48) (18.8% of total same-day separations). *Depressive disorders* (F32–F33) accounted for the highest number of same day separations for each jurisdiction except South Australia and the two Territories. The principal diagnosis group *Neurotic, stress-related and somatoform disorders* (F40–48) was the second largest category of same day separations after *Depressive disorders* (F32–F33) in New South Wales, Queensland and Western Australia. Conversely, *Neurotic, stress-related and somatoform disorders* (F40–48) was the largest category of same day separations in South Australia (26.0%), with *Schizophrenia* (F20) being the second largest category (20.8%) followed closely by *Depressive disorders* (F32–F33) (19.9%). In Victoria the second largest category of same day separations was *Eating disorders* (F50), and in Tasmania it was *Bipolar affective disorders* (F31). Western Australia had the highest age-standardised rate of same day separations (7.4 separations per 1,000 population), nearly twice the rates of New South Wales (3.75) and Victoria (4.1). This compares with an age-standardised rate for Australia overall of 3.8 separations per 1,000 population.

Overnight separations with specialised psychiatric care are presented in Table 2.10. For Australia as a whole, *Depressive disorders* (F32–F33) and *Schizophrenia* (F20) were the principal diagnoses contributing the greatest number of overnight separations (19.7% and 18.9% respectively). *Depressive disorders* (F32–F33) contributed the highest number of overnight separations in Victoria, Queensland, Western Australia and South Australia. In Western Australia the number of overnight separations reported for *Depressive disorders* (F32–F33) was almost matched by *Neurotic, stress-related and somatoform disorders* (F40–48) and *Schizophrenia* (F20). A principal diagnosis of *Schizophrenia* (F20) contributed the highest number of overnight separations in New South Wales, Tasmania, the Australian Capital Territory and Northern Territory. Queensland had the highest age-standardised rate of overnight separations per 1,000 population at 6.7, compared with an Australian rate of 5.2.

Separations with a principal diagnosis of *Schizophrenia* (F20) accounted for the highest number of patient days as well as the highest number of specialised psychiatric care days for all jurisdictions (Tables 2.11 and 2.12). Separations in the principal diagnosis group *Depressive disorders* (F32–F33) accounted for the next highest number of patient days and psychiatric care days for New South Wales, Victoria, Queensland, South Australia and

Western Australia (patient days only), and *Bipolar affective disorders* (F31) had the second highest number of patient days and psychiatric care days for Tasmania and the Australian Capital Territory. In the Northern Territory *Other schizophrenic, schizotypal, delusional disorders* (F21–29) had the second highest number of patient days and psychiatric care days, and in the Australian Capital Territory numbers in this category were the third highest following closely behind *Bipolar affective disorders* (F31).

The indirectly age-standardised rate for patient days per 1,000 population and psychiatric care days per 1,000 population were comparatively high in Queensland (223.9 patient days and 221.7 psychiatric care days per 1,000 population), almost twice the national rate (132.7 patient days and 106.8 psychiatric care days per 1,000 population). The Australian Capital Territory and the Northern Territory had the lowest rates at 31.5 and 46.4 patient days per 1,000 population respectively and 31.5 and 42.7 psychiatric care days per 1,000 population. This is possibly because these Territories have no public psychiatric hospitals, and this could affect the type of diagnoses treated in admitted patient settings in these Territories, as well as the amount of specialised psychiatric care provided.

## Demographic profile of admitted patients with specialised psychiatric care

This section presents the socio-demographic data collected from State and Territory governments under the NMDS – Admitted Patient Mental Health Care. The section includes data for 6 of the 9 socio-demographic data elements in the NMDS; *Age, Sex, Marital status, Area of usual residence, Aboriginal and Torres Strait Islander status and Country of birth*. The data that were assessed to be of poor quality or inconsistently applied among jurisdictions were for *Employment status, Pension status and Type of usual accommodation* and these were excluded. Chapter 5 provides details on the data developments anticipated for these excluded data elements.

The data presented in this section detail separations in which specialised psychiatric care was reported and reflects the level of utilisation of hospital services by specific population groups. It does not necessarily reflect the prevalence of mental disorders in the broader community or the utilisation of community-based services by specific population groups.

### Age and sex

Figure 2.4 presents the rates of separations per 1,000 population for each age and sex category. Males aged 25–34 years and females aged 35–44 years had the highest number of separations with specialised psychiatric care per 1,000 population. Females had higher separation rates than males for all age groups from age 18 to 64 years.

Tables 2.13a and b and 2.14a and b detail the distribution of separations with specialised psychiatric care by age group, sex and principal diagnosis. Male patients accounted for 43.4% of same day separations with specialised psychiatric care. *Depressive disorders* (F32–F33) was the largest principal diagnosis category for male patients, constituting 27.2% of male same day separations (8,435 separations). The second largest category was *Neurotic, stress-related and somatoform disorders* (F40–F48), which accounted for 23.9% of male same day separations (7,425). Relative to male patients, female patients had a higher proportion of same day separations with principal diagnoses of *Depressive disorders* (F32–F33) (38.6% or 15,606 separations). *Neurotic, stress-related and somatoform disorders* (F40–F48) accounted for 6,011 female separations (14.9%). The principal diagnosis of *Eating disorders* (F50), which was



reported for 111 same day separations for males, was the third highest number of reported same day separations for females (11.6% or 4,697 separations).

Male patients accounted for 50.2% of overnight separations (48,754) with specialised psychiatric care during 1998–99. *Schizophrenia* (F20) constituted 25.6% of male overnight separations, *Depressive disorders* (F32–F33) accounted for 14.2% and *Neurotic, stress-related and somatoform disorders*, 11.4%. For female patients, *Depressive disorders* (F32–F33) contributed the highest number of overnight separations (12,239 or 25.3%), followed by *Neurotic, stress-related and somatoform disorders* (F40–F48) (6,273 or 13%) and *Schizophrenia* (F20) (5,848 or 12.1%). A greater proportion of overnight separations in the principal diagnosis group of *Depressive disorders* (F32–F33) were reported for female patients, with 25.3% of overnight female separations in this category compared with 14.2% for male patients.

The number of male overnight separations with principal diagnoses of *Mental and behavioural disorders due to psychoactive substance use* (F10–F19) was more than double that for females. This difference was largest in the 18–34 years age groups for psychoactive substances and in the 25–54 years age groups for alcohol.

The proportion of male overnight separations with a principal diagnosis of *Schizophrenia* (F20) disorders (25.5%) was more than double the proportion and numbers for female patients (12.1%). For males, the number of these separations peaked in the 25–34 years age group with elevated levels also reported for the 18–24 years and 35–44 years age groups. For females the pattern was slightly different with the number of these separations also peaking in the 25–34 year age group but with elevated levels reported for the 35–44 years and 45–54 years age groups.

There were greater proportions of separations for principal diagnoses of *Neurotic, stress-related and somatoform disorders* (F40–48) for females (13.0%) than for males (11.4%), with greater proportions reported for females in all age groups except the 45–64 years age group. The largest numbers of female and male overnight separations in the *Neurotic, stress-related and somatoform disorders* (F40–F48) category were in the 25–34 years age groups.

Overnight separations with principal diagnoses of *Depressive disorders* (F32–F33) accounted for 13.2% of separations of females aged 17 years and under. This proportion increased over age groups to 39.8% of separations of females in the 65 years and over category. Approximately 8% of male overnight separations aged 17 years and under had a principal diagnosis in the *Depressive disorders* (F32–F33) category, and this proportion increased to 29.8% for those aged 65 years and over.

Overnight separations with a principal diagnosis of *Eating disorders* (F50) predominantly involved female patients. However, *Eating disorders* (F50) did not dominate the female overnight separations (2.1%) to the same extent as the female same day separations (11.6%). The number of separations with a principal diagnosis of *Eating disorders* (F50) was greatest in the younger age groups and decreased with age. The highest number of overnight separations in this category was reported in the 18–24 years age group.

Tables 2.15a and b and 2.16a and b show that the principal diagnosis of *Schizophrenia* (F20) was reported for the highest number of overnight patient days and psychiatric care days for both male and female patients. Principal diagnoses in the *Depressive disorders* (F32–F33) category had the second highest number of overnight patient days and psychiatric care days for both male and female patients.

Figure 2.5 shows the number of psychiatric care days per overnight separation for males and females for selected disorders. Although males had the highest proportion of overnight separations for the principal diagnosis of *Schizophrenia* (F20), the number of psychiatric care days per overnight separation was higher for females than for males. Female patients

received more than twice the number of psychiatric care days per overnight separation for *Manic episode* (F30) than male patients.

### **Marital status**

Table 2.17 outlines separations with specialised psychiatric care by marital status, sex and jurisdiction. Marital status data for 1998–99 were assessed as unreliable for Victoria during the NMDS—Admitted Patient Mental Health Care validation process. Marital status data were unavailable for private hospitals in New South Wales and South Australia. Figure 2.6 presents the proportion of separations for male and female patients by marital status category after removing Victorian and private hospital data. With unreliable data removed, almost half (48.0%) of separations with specialised psychiatric care for males were for patients who had never been married, compared with just under one-third of female patients (31.5%). A further 21.3% of specialised psychiatric care separations were for male patients who were married or living in a de facto relationship, compared with 25.9% of female patients.

### **Area of usual residence**

Table 2.18 demonstrates that, Australia-wide, patients from areas classified as remote or rural had fewer specialised separations per 1,000 population than patients from areas classified as metropolitan. In 1998–99 there were 10 separations of patients from metropolitan areas per 1,000 population compared with 1.7 separations per 1,000 population from rural areas and 2.6 separations per 1,000 population for patients from remote areas. In Western Australia and Northern Territory, the separation rates for patients from remote areas (13.1 and 3.5 respectively) were higher than separation rates for patients from metropolitan areas (9.4 and 2.1 respectively). In Tasmania the separation rate for rural areas (8.4 separations per 1,000 population) was higher than the metropolitan rate of 7.2 separations per 1,000 population. Queensland had the highest rate of specialised separations for patients from metropolitan areas (11.6 separations per 1,000 population), Tasmania for patients from rural areas (8.4 separations per 1,000 population), and Western Australia for remote areas (13.1 separations per 1,000 population).

Figures 2.7 and 2.8 show the number of psychiatric care days per overnight separation in each Rural, Remote and Metropolitan Area (RRMA) category of the patient's area of usual residence for public acute/private hospitals and public psychiatric hospitals respectively. Whereas private hospitals had higher numbers of psychiatric care days for metropolitan and rural areas, the length of psychiatric care in private hospitals for patients from remote areas was shorter than the length of psychiatric care for similar patients in public acute hospitals. In the private sector the highest overall average number of psychiatric care days per separation was for metropolitan areas other than capital cities.

Public psychiatric hospitals had higher numbers of psychiatric care days per overnight separation than either public acute or private separations. In public psychiatric hospitals the highest number of psychiatric care days per separation was for patients usually residing in rural areas, with an average of approximately 112 days for large rural centres and 96.7 days for other rural areas. Patients received an average of about 40 psychiatric care days per separation if they usually resided in a remote centre and an average of about 26 if they usually resided in another remote area.

## Aboriginal and Torres Strait Islander status

Table 2.19 details the number of separations, patient days and psychiatric care days for Aboriginal and Torres Strait Islander peoples in 1998–99. The quality of Aboriginal and Torres Strait Islander status data varies, and so these figures should be used with caution. Further detail about the quality of these data can be found in *Australian Hospital Statistics 1998–99*.

During 1998–99, 383 same day and 2,678 overnight specialised separations were reported for Aboriginal and Torres Strait Islander peoples nationwide. Principal diagnoses of *Neurotic, stress-related and somatoform disorders* (F40–48) accounted for 42.6% of same day separations, and *Schizophrenia, schizotypal and delusional disorders* (F20–F29) accounted for the highest number of overnight separations (33.7%), patient days (60.7%) and specialised psychiatric care days (61.4%). Principal diagnoses of *Schizophrenia, schizotypal and delusional disorders* (F20–F29) accounted for 2.7 separations per 1,000 Aboriginal and Torres Strait Islander population (age-standardised). *Mental and behavioural disorders due to psychoactive substances use* (F10–F19) accounted for 17.7% of total separations at an age-standardised rate of 1.6 specialised separations per 1,000 Aboriginal and Torres Strait Islander population.

The specialised separation rate per 1,000 population for Aboriginal and Torres Strait Islander peoples (9.0 per 1,000 population) and the rate for all patients (8.9 per 1,000 population) were similar. The rate for Aboriginal and Torres Strait Islander peoples was notably higher than the total Australian specialised separation rate for principal diagnoses of *Schizophrenia, schizotypal and delusional disorders* (F20–F29) and *Mental and behavioural disorders due to psychoactive substances use* (F10–F19) (Figure 2.9). The rate for Aboriginal and Torres Strait Islander patients was much lower than the Australian specialised separation rate for *Mood (affective) disorders* (F30–F39).

There were, on average, 23 psychiatric care days per overnight separation for identified Aboriginal and Torres Strait Islander patients. There were, on average, 20.7 psychiatric care days per overnight separation reported for all patients. Figure 2.10 compares the rates of psychiatric care days per overnight separation for all patients and patients identified as Aboriginal and Torres Strait Islanders for selected principal diagnosis groups.

Table 2.20 presents the distribution of Aboriginal and Torres Strait Islander patients separations, patient days and psychiatric care days by area of usual residence, categorised using RRMA categories. Over half (56%) of the specialised separations reported for Aboriginal and Torres Strait Islander patients were for patients usually residing in metropolitan areas, compared with 83% for all patients.

## Country of birth

Tables 2.21 and 2.22 detail the number of specialised separations, patient days and psychiatric care days for admitted patients according to their country of birth, grouped into Australia, Other English-speaking country and Non-English-speaking country (see Glossary).

Nationally, 6,141 same day and 7,556 overnight separations were reported for patients born in English-speaking countries other than Australia, and 11,583 same day and 17,378 overnight separations were reported for patients born in non-English-speaking countries. Principal diagnoses of *Mood (affective) disorders* (F30–F39) accounted for the highest number of specialised separations for all birth country groups. *Neurotic, stress-related and somatoform disorders* (F40–48) accounted for the second highest number of same day separations for all three groups and *Schizophrenia, schizotypal and delusional disorders* (F20–F29) accounted for

the second highest number of overnight separations and the highest number of patient days for all birth-country groups.

The number of patient days, specialised psychiatric care days and the crude rate of psychiatric care days per 1,000 population for the three country of birth categories are given in Table 2.22. Figure 2.11 illustrates the number of psychiatric care days per overnight separation for selected disorder categories by country of birth. *Schizophrenia* (F20) and *Manic episode* (F30) had the highest average number of specialised psychiatric care days per separation, but in both of these categories patients born in other English-speaking countries received fewer days in specialised psychiatric care on average. *Eating disorders* (F50) also had high levels of psychiatric care days per overnight separation for each country of birth category.

**Table 2.1: Specialised and general care of all mental health-related separations<sup>(a)</sup>, Australia, 1998–99**

	Number	Per cent of all hospital	Per cent of all mental health- related
	Separations		
<b>Same day separations</b>			
All same day separations <sup>(b)</sup>	<b>2,747,617</b>	<b>47.91</b>	
With specialised psychiatric care			
with mental health principal diagnosis	66,235	1.15	26.34
without mental health principal diagnosis	5,279	0.09	2.10
Other mental health principal diagnosis without specialised care	23,708	0.41	9.43
<i>Total mental health-related same day separations</i>	<i>95,222</i>	<i>1.66</i>	<i>37.87</i>
<b>Overnight separations</b>			
All overnight separations <sup>(b)</sup>	<b>2,987,432</b>	<b>52.09</b>	
With specialised psychiatric care			
with mental health principal diagnosis	90,846	1.58	36.13
without mental health principal diagnosis	6,219	0.11	2.47
Other mental health principal diagnosis without specialised care	59,141	1.03	23.52
<i>Total mental health-related overnight separations</i>	<i>156,206</i>	<i>2.72</i>	<i>62.13</i>
<b>Total mental health-related separations</b>	<b>251,428</b>	<b>4.38</b>	<b>100.00</b>
	Patient days		
<b>All patient days</b>			
All patient days due to same day separations <sup>(b)</sup>	<b>2,747,617</b>	<b>12.31</b>	
<b>Patient days for same day separations</b>			
With specialised psychiatric care			
with mental health principal diagnosis	66,235	0.30	2.08
without mental health principal diagnosis	5,279	0.02	0.17
Other mental health principal diagnosis without specialised care	23,708	0.11	0.75
<i>Total mental health-related same day patient days</i>	<i>95,222</i>	<i>0.43</i>	<i>3.00</i>
<b>Patient days for overnight separations</b>			
All patient days due to overnight separations <sup>(b)</sup>	<b>19,571,424</b>	<b>87.69</b>	
With specialised psychiatric care <sup>(c)</sup>			
with mental health principal diagnosis	2,326,364	10.42	73.20
without mental health principal diagnosis	173,276	0.78	5.45
Other mental health principal diagnosis without specialised care	583,109	2.61	18.35
<i>Total overnight patient days with a mental health principal</i>	<i>3,082,749</i>	<i>13.81</i>	<i>97.00</i>
<b>Total mental health-related patient days</b>	<b>3,177,971</b>	<b>14.24</b>	<b>100.00</b>

(a) Includes all separations with a mental health principal diagnosis as defined in Appendix 1 and all separations for which specialised psychiatric care was reported.

(b) From *Australian Hospital Statistics 1998–99*.

(c) Count of patient days for separations with some specialised psychiatric care.

**Table 2.2: Specialised and general care of all mental health-related separations<sup>(a)</sup>, States and Territories, 1998–99**

	NSW	Vic	QLD	WA	SA	Tas	ACT	NT	Total
<b>Separations</b>									
<b>Same day separations</b>									
With specialised psychiatric care									
with mental health principal diagnosis	22,054	18,450	10,749	12,036	2,137	745	30	34	66,235
without mental health principal diagnosis	1,848	660	1,174	1,509	12	66	6	4	5,279
Other mental health principal diagnosis without specialised care	7,981	6,282	4,165	1,422	1,358	2,325	110	65	23,708
<i>Total mental health-related same day separations</i>	<b>31,883</b>	<b>25,392</b>	<b>16,088</b>	<b>14,967</b>	<b>3,507</b>	<b>3,136</b>	<b>146</b>	<b>103</b>	<b>95,222</b>
<b>Overnight separations</b>									
With specialised psychiatric care									
with mental health principal diagnosis	27,640	21,702	18,895	9,484	9,740	1,954	739	692	90,846
without mental health principal diagnosis	1,786	1,370	1,485	818	261	415	52	32	6,219
Other mental health principal diagnosis without specialised care	18,739	13,384	11,759	6,827	5,556	1,817	855	204	59,141
<i>Total mental health-related overnight separations</i>	<b>48,165</b>	<b>36,456</b>	<b>32,139</b>	<b>17,129</b>	<b>15,557</b>	<b>4,186</b>	<b>1,646</b>	<b>928</b>	<b>156,281</b>
<b>Total mental health-related separations</b>	<b>80,048</b>	<b>61,848</b>	<b>48,227</b>	<b>32,096</b>	<b>19,064</b>	<b>7,322</b>	<b>1,792</b>	<b>1,031</b>	<b>251,503</b>
<b>Patient days</b>									
<b>Patient days for same day separations</b>									
With specialised psychiatric care									
with mental health principal diagnosis	22,054	18,450	10,749	12,036	2,137	745	30	34	66,235
without mental health principal diagnosis	1,848	660	1,174	1,509	12	66	6	4	5,279
Other mental health principal diagnosis without specialised care	7,981	6,282	4,165	1,422	1,358	2,325	110	65	23,708
<i>Total mental health-related same day patient days</i>	<b>31,883</b>	<b>25,392</b>	<b>16,088</b>	<b>14,967</b>	<b>3,507</b>	<b>3,136</b>	<b>146</b>	<b>103</b>	<b>95,222</b>
<b>Patient days for overnight separations</b>									
With specialised psychiatric care <sup>(b)</sup>									
with mental health principal diagnosis	766,444	354,566	718,014	237,667	189,868	43,003	9,091	7,711	2,326,364
without mental health principal diagnosis	63,894	25,763	51,434	8,228	4,005	19,250	418	284	173,276
Other mental health principal diagnosis without specialised care	200,193	117,173	135,510	50,424	43,417	21,553	13,526	1,313	583,109
<i>Total overnight patient days with a mental health principal diagnosis</i>	<b>1,030,531</b>	<b>497,502</b>	<b>904,958</b>	<b>296,319</b>	<b>237,290</b>	<b>83,806</b>	<b>23,035</b>	<b>9,308</b>	<b>3,082,749</b>
<b>Total mental health-related patient days</b>	<b>1,062,414</b>	<b>522,894</b>	<b>921,046</b>	<b>311,286</b>	<b>240,797</b>	<b>86,942</b>	<b>23,181</b>	<b>9,411</b>	<b>3,177,971</b>

(a) Includes all separations with a mental health principal diagnosis as defined in Appendix 1 and all separations for which specialised psychiatric care was reported.

(b) Count of patient days for separations with some specialised psychiatric care.

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

**Table 2.3: Summary of mental health-related separations, by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and type of care, Australia, 1998–99**

Principal diagnosis	Separations with specialised psychiatric care				Other mental health-related separations			
	Same day separations	Overnight separations	Total separations	Total psychiatric patient days care days <sup>(b)</sup>	Same day separations	Overnight separations	Total separations	Total patient days
F00–F09								
Organic, including symptomatic, mental disorders								
F00–F03	113	1,663	1,776	108,996	208	4,871	5,079	159,463
Dementia	242	1,301	1,543	95,732	549	6,158	6,707	87,648
F04–F09	355	2,964	3,319	204,728	757	11,029	11,786	247,111
<i>Total</i>								
F10–F19								
Mental and behavioral disorders due to psychoactive substance use								
F10	2,862	4,359	7,221	126,703	4,993	11,276	16,269	70,482
F11–F19								
Mental and behavioural disorders due to use of alcohol								
Mental and behavioural disorders due to other psychoactive substances use	1,662	5,621	7,283	48,430	1,296	6,323	7,619	33,352
<i>Total</i>	4,524	9,980	14,504	175,133	6,289	17,599	23,888	103,834
F20–F29								
Schizophrenia, schizotypal and delusional disorders								
F20	4,182	18,311	22,493	871,557	1,190	1,777	2,967	20,148
Schizophrenia	2,869	9,021	11,890	186,012	1,177	1,469	2,646	14,484
F21–F29	7,051	27,332	34,383	1,057,569	2,367	3,246	5,613	34,632
Other schizophrenic, schizotypal, delusional disorders								
<i>Total</i>								
F30–F39								
Mood (affective) disorders								
F30	41	797	838	29,141	110	234	344	2,393
Manic episode	3,403	9,030	12,433	211,069	822	1,208	2,030	13,553
F31	24,041	19,181	43,222	369,308	5,957	9,503	15,460	91,382
Bipolar affective disorders								
F32–F33	2,785	1,922	4,707	26,430	457	1,456	1,913	11,642
Depressive disorders								
F34–F39	30,270	30,930	61,200	635,948	7,346	12,401	19,747	118,970
Other mood (affective) disorders								
<i>Total</i>	13,436	11,830	25,266	124,212	5,140	9,531	14,671	60,586
F40–F48								
Neurotic, stress-related and somatoform disorders								
F50–F59								
Behavioural syndromes associated with physiological disturbances and physical factors								
F50	4,808	1,047	5,855	34,828	295	757	1,052	14,916
Eating disorders	159	399	558	5,523	266	2,633	2,899	11,231
F51–F59	4,967	1,446	6,413	40,351	561	3,390	3,951	26,747
Other behavioural syndromes associated with physiological disturbances, physical factors								
<i>Total</i>	2,521	4,913	7,434	48,677	319	872	1,191	5,810
F60–F69								
Disorders of adult personality and behaviour								
F70–F79	25	161	186	44,084	73	84	157	1,985
Mental retardation								
F80–F89	221	164	385	41,405	532	182	714	3,671
Disorders of psychological development								
F90–F98	2,422	804	3,226	12,839	232	661	893	3,427
Disorders onset usually occurring in childhood, adolescence								
F99	14	104	118	894	29	19	48	85
Mental disorder not otherwise specified								
Z03.2	15	110	125	866	12	36	48	89
Observation for suspected mental and behavioural disorder								
Other reasons for encounter associated with mental disorders <sup>(c)</sup>	414	108	522	5,893	51	91	142	471
Disorders not related to mental health <sup>(a)</sup>	5,257	5,433	10,690	147,835	0	0	0	0
Not reported	22	786	808	30,720				
<b>Total</b>	<b>71,514</b>	<b>97,065</b>	<b>168,579</b>	<b>2,571,154</b>	<b>23,708</b>	<b>59,141</b>	<b>82,849</b>	<b>606,818</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Disorders not related to mental health'.

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

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5 only.

**Table 2.4: All separations in Major Diagnostic Categories 19 and 20 or with specialised psychiatric care, by AR-DRG and type of care, Australia, 1998-99**

AR-DRG Description <sup>(a)</sup>	Separations with specialised psychiatric care				Separations with no specialised psychiatric care				Total patient days	
	Same day separations	Overnight separations	Total separations	Total patient days	Same day separations	Overnight separations	Total separations	Total psychiatric care days <sup>(b)</sup>		
U40Z Mental health treatment, same day with Ect	5,185	0	5,185	5,185	2,177	0	2,177	5,102	2,177	2,177
U60Z Mental health treatment, same day without Ect	56,240	0	56,240	56,240	13,159	0	13,159	44,042	13,159	13,159
U61A Schizophrenia disorders with involuntary Mhls	0	12,441	12,441	619,238	0	13	13	486,296	13	96
U61B Schizophrenia disorders without involuntary Mhls	0	11,182	11,182	377,520	0	1,618	1,618	315,744	1,618	18,551
U62A Paranoid & acute psych disorder with Csccl/involuntary Mhls	0	2,100	2,100	31,758	0	122	122	28,128	122	2,092
U62B Paranoid & acute psych disorder without Csccl/involuntary Mhls	0	1,591	1,591	21,599	0	615	615	18,594	615	4,752
U63A Major affective disorder with Csccl or Age > 69 without Csccl	0	4,674	4,674	145,774	0	970	970	128,202	970	15,466
U63B Major affective disorder Age < 70 without Csccl	0	21,367	21,367	397,976	0	3,284	3,284	364,366	3,284	29,426
U64Z Other affective & somatoform disorders	0	5,688	5,688	69,349	0	4,814	4,814	60,816	4,814	34,010
U65Z Anxiety disorders	0	1,918	1,918	25,653	0	8,443	8,443	21,226	8,443	31,991
U66Z Eating & obsessive-compulsive disorders	0	1,471	1,471	36,275	0	620	620	33,212	620	10,734
U67Z Personality disorders & acute reactions	0	14,594	14,594	126,112	0	4,033	4,033	109,724	4,033	25,726
U68Z Childhood mental disorders	0	433	433	45,238	0	545	545	29,508	545	3,409
<b>Total MDC 19</b>	<b>61,425</b>	<b>77,459</b>	<b>138,884</b>	<b>1,957,917</b>	<b>15,336</b>	<b>25,077</b>	<b>40,413</b>	<b>1,644,960</b>	<b>40,413</b>	<b>191,589</b>
V60Z Alcohol intoxication and withdrawal	914	1,879	2,793	46,613	2,059	3,674	5,733	31,844	5,733	18,455
V61A Drug intoxication and withdrawal with CC	343	488	831	6,345	44	245	289	5,954	289	1,579
V61B Drug intoxication and withdrawal without CC	270	1,994	2,264	17,302	272	676	948	15,516	948	3,102
V62A Alcohol use disorder & dependence	0	2,390	2,390	31,730	0	3,201	3,201	30,120	3,201	25,523
V62B Alcohol use disorder & dependence, same day	1,946	0	1,946	1,946	1,051	0	1,051	1,749	1,051	1,051
V63Z Opioid use disorder & dependence	410	1,850	2,260	11,334	259	2,491	2,750	10,436	2,750	10,826
V64Z Other drug use disorder & dependence	715	1,446	2,161	15,006	211	860	1,071	14,397	1,071	5,727
<b>Total MDC 20</b>	<b>4,598</b>	<b>10,047</b>	<b>14,645</b>	<b>130,276</b>	<b>3,896</b>	<b>11,147</b>	<b>15,043</b>	<b>110,016</b>	<b>15,043</b>	<b>66,263</b>
<b>All other MDCs</b>	<b>5,491</b>	<b>9,559</b>	<b>15,050</b>	<b>482,961</b>	<b>19,232</b>	<b>36,224</b>	<b>55,456</b>	<b>419,575</b>	<b>55,456</b>	<b>257,852</b>
<b>Total</b>	<b>71,514</b>	<b>97,065</b>	<b>168,579</b>	<b>2,571,154</b>	<b>19,232</b>	<b>36,224</b>	<b>55,456</b>	<b>2,174,551</b>	<b>55,456</b>	<b>257,852</b>

(a) Refer to Appendix 2 for full AR-DRG category names.

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

**Abbreviations**

- Ect Electroconvulsive therapy
- Mhls Mental health legal status
- Csccl Catastrophic/severe complications and comorbidities
- psych Psychotic
- CC Complications and comorbidities



**Table 2.5: Separations, patient days and psychiatric care days for separations with specialised psychiatric care, by hospital type, States and Territories, 1998–99**

	NSW	Vic	QLD	WA <sup>(a)</sup>	SA	Tas	ACT	NT	Total <sup>(b)</sup>
<b>Public acute</b>									
Same day separations	10,070	3,258	4,947	3,761	1,970	803	36	38	24,883
Overnight separations	15,293	17,082	15,398	5,146	3,943	1,845	741	724	60,172
<i>Total separations</i>	<i>25,363</i>	<i>20,340</i>	<i>20,345</i>	<i>8,907</i>	<i>5,913</i>	<i>2,648</i>	<i>777</i>	<i>762</i>	<i>85,055</i>
Total patient days	265,109	278,523	189,437	103,283	55,120	16,404	8,677	8,033	924,586
Total psychiatric care days	251,974	278,523	182,888	n.a.	55,120	16,404	8,677	7,419	801,007
<b>Private</b>									
Same day separations	11,821	15,850	6,953	9,731	12	n.a.	0	n.a.	44,367
Overnight separations	5,909	5,422	3,519	2,444	2,487	n.a.	50	n.a.	19,831
<i>Total separations</i>	<i>17,730</i>	<i>21,272</i>	<i>10,472</i>	<i>12,175</i>	<i>2,499</i>	<i>n.a.</i>	<i>50</i>	<i>n.a.</i>	<i>64,198</i>
Total patient days	117,892	105,493	79,056	41,501	42,247	n.a.	868	n.a.	387,057
Total psychiatric care days	115,399	105,493	78,107	n.a.	42,247	n.a.	868	n.a.	342,114
<b>Public psychiatric</b>									
Same day separations	2,011	2	23	53	167	8	..	..	2,264
Overnight separations	8,224	568	1,463	2,712	3,571	524	..	..	17,062
<i>Total separations</i>	<i>10,235</i>	<i>570</i>	<i>1,486</i>	<i>2,765</i>	<i>3,738</i>	<i>532</i>	<i>..</i>	<i>..</i>	<i>19,326</i>
Total patient days	471,239	15,423	512,878	114,656	98,655	46,660	..	..	1,259,511
Total psychiatric care days	243,160	15,423	512,878	114,656	98,655	46,660	..	..	1,031,432
<b>All hospitals</b>									
Same day separations	23,902	19,110	11,923	13,545	2,149	811	36	38	71,514
Overnight separations	29,426	23,072	20,380	10,302	10,001	2,369	791	724	97,065
<i>Total separations</i>	<i>53,328</i>	<i>42,182</i>	<i>32,303</i>	<i>23,847</i>	<i>12,150</i>	<i>3,180</i>	<i>827</i>	<i>762</i>	<i>168,579</i>
Total patient days	854,240	399,439	781,371	259,440	196,022	63,064	9,545	8,033	2,571,154
Total psychiatric care days	610,533	399,439	773,873	114,656	196,022	63,064	9,545	7,419	2,174,551

(a) Psychiatric care days from WA were not available for public acute and private hospitals.

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

.. Not applicable

n.a. Not available

**Table 2.6: Separations with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings,<sup>(a)</sup> Australia, 1998–99**

Principal diagnosis	Separations			Total patient days	Total psychiatric care days <sup>(c)</sup>	Average length of stay (overnight)	Psychiatric separation (overnight)	Patient days per 1,000 pop'n <sup>(b)</sup>	Psych days per 1,000 pop'n <sup>(b)</sup>
	Same day	Overnight	Total						
				Seps per 1,000 pop'n <sup>(b)</sup>					
F00–F09	Organic, including symptomatic, mental disorders								
F00–F03	Dementia	113	1,663	1,776	0.1	108,996	88,273	65.5	53.0
F04–F09	Other organic mental disorders	242	1,301	1,543	0.1	95,732	89,377	73.4	68.5
	<i>Total</i>	355	2,964	3,319	0.2	204,728	177,650	69.0	59.8
F10–F19	Mental and behavioral disorders due to psychoactive substances use								
F10	Mental and behavioural disorders due to use of alcohol	2,862	4,359	7,221	0.4	126,703	107,680	28.4	24.0
F11–F19	Mental and behavioural disorders due to other psychoactive substances use	1,662	5,621	7,283	0.4	48,430	44,822	8.3	7.7
	<i>Total</i>	4,524	9,980	14,504	0.8	175,133	152,502	17.1	14.8
F20–F29	Schizophrenia, schizotypal and delusional disorders								
F20	Schizophrenia	4,182	18,311	22,493	1.2	871,557	692,839	47.4	37.6
F21–F29	Other schizophrenic, schizotypal, delusional disorders	2,869	9,021	11,890	0.6	186,012	162,800	20.3	17.7
	<i>Total</i>	7,051	27,332	34,383	1.8	1,057,569	855,639	38.4	31.0
F30–F39	Mood (affective) disorders								
F30	Manic episode	41	797	838	0.0	29,141	27,957	36.5	35.0
F31	Bipolar affective disorders	3,403	9,030	12,433	0.7	211,069	191,980	23.0	20.9
F32–F33	Depressive disorders	24,041	19,181	43,222	2.3	369,308	328,939	18.0	15.9
F34–F39	Other mood (affective) disorders	2,785	1,922	4,707	0.2	26,430	21,910	12.3	10.0
	<i>Total</i>	30,270	30,930	61,200	3.2	635,948	570,786	19.6	17.5
F40–F48	Neurotic, stress-related and somatoform disorders	13,436	11,830	25,266	1.3	124,212	104,562	9.4	7.7
F50–F59	Behavioural syndromes associated with physiological eating disorders	4,808	1,047	5,855	0.3	34,828	31,647	28.7	25.6
F51–F59	Other behavioural syndromes associated with physiological disturbances, physical factors	159	399	558	0.0	5,523	5,381	13.4	13.1
	<i>Total</i>	4,967	1,446	6,413	0.3	40,351	37,028	24.5	22.2
F60–F69	Disorders of adult personality and behaviour	2,521	4,913	7,434	0.4	48,677	44,563	9.4	8.6
F70–F79	Mental retardation	25	161	186	0.0	44,084	43,807	273.7	271.9
F80–F89	Disorders of psychological development	221	164	385	0.0	41,405	27,292	251.1	165.1
F90–F98	Disorders onset usually occurring in childhood, adolescence	2,422	804	3,226	0.2	12,839	9,574	13.0	8.9
F99	Mental disorder not otherwise specified	14	104	118	0.0	894	892	8.5	8.4
Z03.2	Observation for suspected mental and behavioural disorders <sup>(d)</sup>	15	110	125	0.0	866	793	7.7	7.1
	Other Z codes associated with mental disorders <sup>(d)</sup>	414	108	522	0.0	5,893	5,746	50.7	49.4
	Other principal diagnoses not related to mental health <sup>(d)</sup>	5,257	5,433	10,690	0.6	147,835	112,997	26.2	19.8
	Not reported	22	786	808	0.0	30,720	30,720	39.1	39.1
	<b>Total</b>	<b>71,514</b>	<b>97,065</b>	<b>168,579</b>	<b>8.9</b>	<b>2,571,154</b>	<b>2,174,551</b>	<b>25.8</b>	<b>21.7</b>
									<b>115.4</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Population rates are crude rates based on 31 December 1998 estimated resident population data.

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

(d) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5 only.

**Table 2.7: Separations with specialised psychiatric care by principal diagnosis in ICD-10-AM chapter groupings, Australia, 1998–99**

Principal diagnosis	Same day separations		Overnight separations		Separations per 1,000 population <sup>(a)</sup>		Total patient days	Total psychiatric care days <sup>(b)</sup>	Average length of stay (overnight)	Psychiatric care		Total psychiatric care days per 1,000 population <sup>(a)</sup>
	separations	separations	separations	separations	per 1,000 patient days	per 1,000 population <sup>(a)</sup>				per 1,000 patient days	per 1,000 population <sup>(a)</sup>	
A00–B99 Certain infectious and parasitic diseases	2	30	32	< 0.01	761	450	25.3	14.9	0.0	0.0	0.0	
C00–D48 Neoplasms	10	49	59	< 0.01	1,020	721	20.6	14.5	0.1	0.0	0.0	
D50–D89 Diseases of the blood and blood-forming organs	3	9	12	< 0.01	175	155	19.1	16.9	< 0.01	< 0.01	0.0	
E00–E90 Endocrine, nutritional and metabolic diseases	8	59	67	< 0.01	1,200	879	20.2	14.8	0.1	0.0	0.0	
F00–F99 Mental and behavioural disorders	65,806	90,628	156,434	8.3	2,385,840	2,024,295	25.6	21.6	126.6	107.4	107.4	
G00–G99 Diseases of the nervous system	789	818	1,607	0.1	50,831	43,133	61.2	51.8	2.7	2.3	2.3	
H00–H59 Diseases of the eye and adnexa	18	13	31	< 0.01	172	71	11.8	4.1	0.0	< 0.01	< 0.01	
H60–H95 Diseases of the ear and mastoid process	52	1	53	< 0.01	61	61	9.0	9.0	< 0.01	< 0.01	< 0.01	
I00–I99 Diseases of the circulatory system	3	74	77	< 0.01	8,805	8,220	118.9	111.0	0.5	0.4	0.4	
J00–J99 Diseases of the respiratory system	26	43	69	< 0.01	859	575	19.4	12.8	0.0	0.0	0.0	
K00–K93 Diseases of the digestive system	28	72	100	< 0.01	990	605	13.4	8.0	0.1	0.0	0.0	
L00–L99 Diseases of the skin and subcutaneous tissue	9	19	28	< 0.01	307	244	15.7	12.4	0.0	0.0	0.0	
M00–M99 Diseases of the musculoskeletal system and connective tissue	477	94	571	0.0	1,626	1,293	12.2	8.7	0.1	0.1	0.1	
N00–N99 Diseases of the genito-urinary system	48	42	90	< 0.01	702	429	15.6	9.1	0.0	0.0	0.0	
O00–O99 Pregnancy, childbirth and the puerperium	488	410	898	0.0	5,404	4,111	12.0	8.8	0.3	0.2	0.2	
P00–P96 Certain conditions originating in the perinatal period	2	1	3	< 0.01	26	22	24.0	20.0	< 0.01	< 0.01	< 0.01	
Q00–Q99 Congenital malformations, deformations, and chromosomal abnormalities	1	14	15	< 0.01	5,945	2,361	424.6	168.6	0.3	0.1	0.1	
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	701	379	1,080	0.1	4,350	2,525	9.6	4.8	0.2	0.1	0.1	
S00–T98 Injury, poisoning and certain other consequences of external causes	337	2,160	2,497	0.1	17,755	14,423	8.1	6.5	0.9	0.8	0.8	
Z00–Z99 Factors influencing health status and contact with health services	2,684	1,364	4,048	0.2	53,605	39,258	37.3	26.8	2.8	2.1	2.1	
Not reported	22	786	808	0.0	30,720	30,720	39.1	39.1	1.6	1.6	1.6	
<b>Total</b>	<b>71,514</b>	<b>97,065</b>	<b>168,579</b>	<b>9.0</b>	<b>2,571,154</b>	<b>2,174,551</b>	<b>25.8</b>	<b>21.7</b>	<b>136.5</b>	<b>115.4</b>	<b>115.4</b>	

(a) Population rates are crude rates based on the 31 December 1998 estimated resident population data.

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

**Table 2.8: Separations, patient days and psychiatric care days of separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and hospital type, Australia, 1998–99**

Principal diagnosis	Public acute hospitals						Private hospitals					
	Separations			Total			Separations			Total		
	Same day	Overnight	Total	patient days	psychiatric care days <sup>(b)</sup>	Total	Same day	Overnight	Total	patient days	psychiatric care days <sup>(b)</sup>	Total
F00–F09 Organic, including symptomatic, mental disorders												
F00–F03 Dementia	105	974	1,079	38,406	18,004	56,410	7	160	167	3,824	3,687	7,511
F04–F09 Other organic mental disorders	174	812	986	20,417	14,632	35,049	62	193	255	3,672	3,165	6,837
<i>Total</i>	279	1,786	2,065	58,823	32,636	91,459	69	353	422	7,496	6,852	14,348
F10–F19 Mental and behavioural disorders due to psychoactive substances												
F10 Mental and behavioural disorders due to use of alcohol	535	1,490	2,025	11,496	9,471	20,967	2,223	1,602	3,825	24,044	21,966	46,010
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	310	2,487	2,797	18,380	16,678	35,058	867	1,238	2,105	14,674	13,110	27,784
<i>Total</i>	845	3,977	4,822	29,876	26,149	56,025	3,090	2,840	5,930	38,718	35,076	73,794
F20–F29 Schizophrenia, schizotypal and delusional disorders												
F20 Schizophrenia	1,589	13,523	15,112	271,150	252,049	523,199	2,128	962	3,090	19,536	17,718	37,254
F21–F29 Other schizophrenic, schizotypal, delusional	1,183	6,507	7,690	106,564	95,886	202,450	1,526	904	2,430	17,730	16,101	33,831
<i>Total</i>	2,772	20,030	22,802	377,714	347,935	725,649	3,654	1,866	5,520	37,266	33,819	71,085
F30–F39 Mood (affective) disorders												
F30 Manic episode	33	559	592	7,665	6,676	14,341	7	86	93	1,465	1,270	2,735
F31 Bipolar affective disorders	1,102	5,879	6,981	101,191	91,018	192,209	2,095	1,531	3,626	29,730	26,783	56,513
F32–F33 Depressive disorders	6,626	10,234	16,860	164,966	144,379	309,345	17,141	7,452	24,593	158,387	141,583	299,970
F34–F39 Other mood (affective) disorders	1,031	1,228	2,259	11,851	8,674	20,525	1,745	507	2,252	11,493	10,182	21,675
<i>Total</i>	8,792	17,900	26,692	285,673	250,747	536,420	20,988	9,576	30,564	201,075	179,818	380,893
F40–F48 Neurotic, stress-related and somatoform disorders	3,954	7,238	11,192	53,736	42,945	96,681	9,115	2,977	12,092	55,627	47,638	103,265
F50–F59 Behavioural syndromes associated with physiological factors												
F50 Eating disorders	1,719	581	2,300	15,799	14,288	30,087	3,089	438	3,527	18,139	16,621	34,760
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	44	191	235	2,455	2,342	4,797	110	105	215	1,976	1,947	3,923
<i>Total</i>	1,763	772	2,535	18,254	16,630	34,884	3,199	543	3,742	20,115	18,568	38,683
F60–F69 Disorders of adult personality and behaviour	1,377	3,310	4,687	24,356	21,558	45,914	1,060	467	1,527	8,329	7,205	15,534
F70–F79 Mental retardation	19	91	110	1,026	942	2,068	0	7	7	101	101	202
F80–F89 Disorders of psychological development	201	104	305	2,228	1,061	3,289	16	13	29	296	296	592
F90–F98 Disorders onset usually occurring in childhood, Mental disorder not otherwise specified	2,303	676	2,979	10,825	8,249	19,074	57	63	120	770	572	1,342
F99 Mental disorder for suspected mental and behavioural	13	101	114	872	870	1,742	1	3	4	22	22	44
Z03.2 Observation for suspected mental and behavioural	13	73	86	540	467	1,007	0	3	3	16	16	32
Other Z codes associated with mental disorders <sup>(c)</sup>	16	74	90	1,138	1,016	2,154	394	11	405	4,686	4,661	9,347
Other principal diagnoses not related to mental health <sup>(a)</sup>	2,525	3,814	6,339	54,137	44,412	98,549	2,715	1,102	3,817	12,329	7,259	20,588
Not reported	11	226	237	5,388	5,388	10,776	9	7	16	211	211	422
<b>Total</b>	<b>24,883</b>	<b>60,172</b>	<b>85,055</b>	<b>924,586</b>	<b>801,005</b>	<b>1,725,591</b>	<b>44,367</b>	<b>19,831</b>	<b>64,198</b>	<b>387,057</b>	<b>342,114</b>	<b>729,211</b>

(continued)

**Table 2.8 (continued): Separations, patient days and psychiatric care days of separations with specialised psychiatric care, by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and hospital type, Australia, 1998-99**

Principal diagnosis	Public psychiatric hospitals			
	Separations		Total	Total psychiatric patient days care days <sup>(b)</sup>
	Same day	Overnight		
F00-F09 Organic, including symptomatic, mental disorders				
F00-F03 Dementia	1	529	530	66,766
F04-F09 Other organic mental disorders	6	296	302	71,643
<i>Total</i>	7	825	832	138,409
F10-F19 Mental and behavioural disorders due to psychoactive substance use				
F10 Mental and behavioural disorders due to use of	104	1,267	1,371	91,163
F11-F19 Mental and behavioural disorders due to other psychoactive substances use	485	1,896	2,381	15,376
<i>Total</i>	589	3,163	3,752	106,539
F20-F29 Schizophrenia, schizotypal and delusional disorders				
F20 Schizophrenia	465	3,826	4,291	580,871
F21-F29 Other schizophrenic, schizotypal, delusional disorders	160	1,610	1,770	61,718
<i>Total</i>	625	5,436	6,061	642,589
F30-F39 Mood (affective) disorders				
F30 Manic episode	1	152	153	20,011
F31 Bipolar affective disorders	206	1,620	1,826	80,148
F32-F33 Depressive disorders	274	1,495	1,769	45,955
F34-F39 Other mood (affective) disorders	9	187	196	3,086
<i>Total</i>	490	3,454	3,944	149,200
F40-F48 Neurotic, stress-related and somatoform disorders	367	1,615	1,982	14,849
F50-F59 Behavioural syndromes associated with physiological disturbances and physical factors				
F50 Eating disorders	0	28	28	890
F51-F59 Other behavioural syndromes associated with physiological disturbances, physical factors	5	103	108	1,092
<i>Total</i>	5	131	136	1,982
F60-F69 Disorders of adult personality and behaviour	84	1,136	1,220	15,992
F70-F79 Mental retardation	6	63	69	42,957
F80-F89 Disorders of psychological development	4	47	51	38,881
F90-F98 Disorders onset usually occurring in childhood, Mental disorder not otherwise specified	62	65	127	1,244
F99 Mental disorder for suspected mental and behavioural disorders	0	0	0	0
Z032 Observation for suspected mental and behavioural disorders <sup>(c)</sup>	2	34	36	310
Other Z codes associated with mental disorders <sup>(a)</sup>	4	23	27	69
Other principal diagnoses not related to mental health <sup>(a)</sup>	17	517	534	81,369
Not reported	2	553	555	25,121
<b>Total</b>	<b>2,264</b>	<b>17,062</b>	<b>19,326</b>	<b>1,259,511</b>
				<b>1,031,432</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Does not include psychiatric care days from WA public acute or private hospitals. The totals for these hospital types are therefore underestimates of total psychiatric care days.

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4, Z91.5.

**Table 2.9: Same day separations with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings,<sup>(a)</sup> States and Territories, 1998–99**

Principal diagnosis	NSW	Vic	Qld	WA <sup>(b)</sup>	SA	Tas	ACT	NT	Total
F00–F09 Organic, including symptomatic, mental disorders									
F00–F03 Dementia	90	21	1	0	1	0	0	0	113
F04–F09 Other organic mental disorders	163	25	41	8	2	3	0	0	242
<i>Total</i>	253	46	42	8	3	3	0	0	355
F10–F19 Mental and behavioural disorders due to psychoactive substance use									
F10 Mental and behavioural disorders due to use of alcohol	1,759	527	260	276	22	13	2	3	2,862
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	1,169	240	168	62	13	4	5	1	1,662
<i>Total</i>	2,928	767	428	338	35	17	7	4	4,524
F20–F29 Schizophrenia, schizotypal and delusional disorders									
F20 Schizophrenia	1,472	1,158	877	133	447	85	4	6	4,182
F21–F29 Other schizophrenic, schizotypal, delusional disorders	1,019	702	553	420	122	46	4	3	2,869
<i>Total</i>	2,491	1,860	1,430	553	569	131	8	9	7,051
F30–F39 Mood (affective) disorders									
F30 Manic episode	15	9	16	1	0	0	0	0	41
F31 Bipolar affective disorders	922	1,170	425	551	173	161	1	0	3,403
F32–F33 Depressive disorders	6,342	8,525	3,915	4,465	427	360	4	3	24,041
F34–F39 Other mood (affective) disorders	365	589	642	1,154	14	20	1	0	2,785
<i>Total</i>	7,644	10,293	4,998	6,171	614	541	6	3	30,270
F40–F48 Neurotic, stress-related and somatoform disorders	4,449	2,153	2,426	3,798	559	34	6	11	13,436
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors									
F50 Eating disorders	1,043	2,687	590	447	41	0	0	0	4,808
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	64	84	7	4	0	0	0	0	159
<i>Total</i>	1,107	2,771	597	451	41	0	0	0	4,967
F60–F69 Disorders of adult personality and behaviour									
F70–F79 Mental retardation	776	486	257	673	308	15	3	3	2,521
F80–F89 Disorders of psychological development	5	3	16	1	0	0	0	0	25
F90–F98 Disorders onset usually occurring in childhood, adolescence	119	15	87	0	0	0	0	0	221
F99 Mental disorder not otherwise specified	2,271	42	59	40	8	0	0	2	2,422
Z03.2 Observation for suspected mental and behavioural disorder	2	12	0	0	0	0	0	0	14
Other Z codes associated with mental disorders <sup>(c)</sup>	2	1	6	3	0	1	0	2	15
Other Z codes associated with mental disorders <sup>(e)</sup>	7	1	403	0	0	3	0	0	414
Other principal diagnoses not related to mental health <sup>(e)</sup>	1,848	648	1,174	1,509	12	56	6	4	5,257
Not reported	0	12	0	0	0	10	0	0	22
<b>Total</b>	<b>23,902</b>	<b>19,110</b>	<b>11,923</b>	<b>13,545</b>	<b>2,149</b>	<b>811</b>	<b>36</b>	<b>38</b>	<b>71,514</b>
<b>Age-standardised rate<sup>(d)</sup></b>	<b>3.75</b>	<b>4.06</b>	<b>3.44</b>	<b>7.38</b>	<b>1.43</b>	<b>1.73</b>	<b>0.12</b>	<b>0.21</b>	<b>3.80</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) WA figures include same day group therapy sessions at some units.

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

(d) Indirect age-standardisation on the estimated resident population as at 31 December 1998.

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

**Table 2.10: Overnight separations with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings,<sup>(a)</sup> States and Territories, 1998–99**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
F00–F09 Organic, including symptomatic, mental disorders									
F00–F03 Dementia	242	422	173	475	338	10	1	2	1,663
F04–F09 Other organic mental disorders	302	298	289	269	113	10	11	9	1,301
<i>Total</i>	<i>544</i>	<i>720</i>	<i>462</i>	<i>744</i>	<i>451</i>	<i>20</i>	<i>12</i>	<i>11</i>	<i>2,964</i>
F10–F19 Mental and behavioural disorders due to psychoactive substance use									
F10 Mental and behavioural disorders due to use of alcohol	2,361	593	551	368	382	46	19	39	4,359
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	2,891	934	895	390	337	59	47	68	5,621
<i>Total</i>	<i>5,252</i>	<i>1,527</i>	<i>1,446</i>	<i>758</i>	<i>719</i>	<i>105</i>	<i>66</i>	<i>107</i>	<i>9,980</i>
F20–F29 Schizophrenia, schizotypal and delusional disorders									
F20 Schizophrenia	5,686	5,035	3,999	1,439	1,434	365	161	192	18,311
F21–F29 Other schizophrenic, schizotypal, delusional disorders	2,749	2,143	1,843	804	1,110	195	94	83	9,021
<i>Total</i>	<i>8,435</i>	<i>7,178</i>	<i>5,842</i>	<i>2,243</i>	<i>2,544</i>	<i>560</i>	<i>255</i>	<i>275</i>	<i>27,332</i>
F30–F39 Mood (affective) disorders									
F30 Manic episode	239	180	153	114	73	26	7	5	797
F31 Bipolar affective disorders	2,535	2,081	1,879	879	1,192	296	109	59	9,030
F32–F33 Depressive disorders	5,131	5,568	4,030	1,783	2,161	330	92	86	19,181
F34–F39 Other mood (affective) disorders	381	300	560	258	302	101	16	4	1,922
<i>Total</i>	<i>8,286</i>	<i>8,129</i>	<i>6,622</i>	<i>3,034</i>	<i>3,728</i>	<i>753</i>	<i>224</i>	<i>154</i>	<i>30,930</i>
F40–F48 Neurotic, stress-related and somatoform disorders	2,953	2,222	2,915	1,778	1,506	273	76	107	11,830
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors									
F50 Eating disorders	308	252	291	66	116	8	4	2	1,047
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	118	123	36	75	19	23	2	3	399
<i>Total</i>	<i>426</i>	<i>375</i>	<i>327</i>	<i>141</i>	<i>135</i>	<i>31</i>	<i>6</i>	<i>5</i>	<i>1,446</i>
F60–F69 Disorders of adult personality and behaviour	1,317	1,242	937	569	557	182	91	18	4,913
F70–F79 Mental retardation	47	13	57	14	15	5	4	6	161
F80–F89 Disorders of psychological development	74	24	32	19	12	1	2	0	164
F90–F98 Disorders onset usually occurring in childhood, adolescence	171	173	226	144	69	18	1	2	804
F99 Mental disorder not otherwise specified	15	88	0	0	0	0	1	0	104
Z03.2 Observation for suspected mental and behavioural disorder	30	10	21	38	3	3	1	4	110
Other Z codes associated with mental disorders <sup>(b)</sup>	90	1	8	2	1	3	0	3	108
Other principal diagnoses not related to mental health <sup>(a)</sup>	1,786	762	1,485	818	261	238	52	32	5,434
Not reported	0	608	0	0	0	177	0	0	785
<b>Total</b>	<b>29,426</b>	<b>23,072</b>	<b>20,380</b>	<b>10,302</b>	<b>10,001</b>	<b>2,369</b>	<b>791</b>	<b>724</b>	<b>97,065</b>
<b>Age-standardised rate<sup>(c)</sup></b>	<b>4.63</b>	<b>4.89</b>	<b>5.89</b>	<b>5.58</b>	<b>6.73</b>	<b>5.16</b>	<b>2.51</b>	<b>3.75</b>	<b>5.15</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

(c) Indirect age-standardisation on the estimated resident population as at 31 December 1998.

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

**Table 2.11: Patient days for overnight separations with specialised care by principal diagnosis in ICD-10-AM groupings, (a) States and Territories, 1998–99**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
F00–F09 Organic, including symptomatic, mental disorders									
F00–F03 Dementia	12,914	13,084	22,376	38,406	21,886	157	13	47	108,883
F04–F09 Other organic mental disorders	9,986	8,061	62,052	11,274	3,279	92	149	597	95,490
<i>Total</i>	<i>22,900</i>	<i>21,145</i>	<i>84,428</i>	<i>49,680</i>	<i>25,165</i>	<i>249</i>	<i>162</i>	<i>644</i>	<i>204,373</i>
F10–F19 Mental and behavioural disorders due to psychoactive substance use									
F10 Mental and behavioural disorders due to use of alcohol	55,529	5,614	51,589	4,704	5,955	201	91	158	123,841
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	23,288	6,763	7,466	4,770	3,178	492	279	532	46,768
<i>Total</i>	<i>78,817</i>	<i>12,377</i>	<i>59,055</i>	<i>9,474</i>	<i>9,133</i>	<i>693</i>	<i>370</i>	<i>690</i>	<i>170,609</i>
F20–F29 Schizophrenia, schizotypal and delusional disorders									
F20 Schizophrenia	354,191	104,266	274,617	63,168	44,166	21,936	2,736	2,295	867,375
F21–F29 Other schizophrenic, schizotypal, delusional disorders	67,018	35,533	32,617	21,037	21,068	2,871	1,521	1,478	183,143
<i>Total</i>	<i>421,209</i>	<i>139,799</i>	<i>307,234</i>	<i>84,205</i>	<i>65,234</i>	<i>24,807</i>	<i>4,257</i>	<i>3,773</i>	<i>1,050,518</i>
F30–F39 Mood (affective) disorders									
F30 Manic episode	3,758	2,366	15,572	5,417	1,535	314	93	45	29,100
F31 Bipolar affective disorders	58,924	36,185	61,732	18,822	21,582	7,953	1,607	861	207,666
F32–F33 Depressive disorders	101,198	92,234	70,666	34,038	42,067	2,889	1,213	962	345,267
F34–F39 Other mood (affective) disorders	3,858	4,277	6,705	3,877	3,516	1,225	171	16	23,645
<i>Total</i>	<i>167,738</i>	<i>135,062</i>	<i>154,675</i>	<i>62,154</i>	<i>68,700</i>	<i>12,381</i>	<i>3,084</i>	<i>1,884</i>	<i>605,678</i>
F40–F48 Neurotic, stress-related and somatoform disorders	29,730	22,088	27,106	16,624	12,882	1,483	482	381	110,776
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors									
F50 Eating disorders	10,604	7,703	6,677	1,691	3,003	164	147	31	30,020
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors									
<i>Total</i>	<i>1,820</i>	<i>1,982</i>	<i>303</i>	<i>743</i>	<i>119</i>	<i>339</i>	<i>4</i>	<i>54</i>	<i>5,364</i>
F60–F69 Disorders of adult personality and behaviour	12,424	9,685	6,980	2,434	3,122	503	151	85	35,384
F70–F79 Mental retardation	12,003	9,867	9,287	7,429	4,935	1,907	514	214	46,156
F80–F89 Disorders of psychological development	2,706	90	38,807	1,420	120	876	18	22	44,059
F90–F98 Disorders onset usually occurring in childhood, adolescence	15,514	337	24,024	1,167	95	1	46	0	41,184
F99 Mental disorder not otherwise specified	1,869	3,188	2,052	2,748	469	85	1	5	10,417
Z03.2 Observation for suspected mental and behavioural disorder	73	804	0	0	0	0	3	0	880
Other Z codes associated with mental disorders <sup>(b)</sup>	257	114	147	308	9	5	3	8	851
Other principal diagnoses not related to mental health <sup>(a)</sup>	1,204	10	4,219	24	4	13	0	5	5,479
Not reported	63,894	12,527	51,434	8,228	4,005	1,789	418	284	142,579
<b>Total</b>	<b>830,338</b>	<b>380,329</b>	<b>769,448</b>	<b>245,895</b>	<b>193,873</b>	<b>62,253</b>	<b>9,509</b>	<b>7,995</b>	<b>2,499,640</b>
<b>Age-standardised rate<sup>(c)</sup></b>	<b>129.81</b>	<b>80.39</b>	<b>223.91</b>	<b>135.61</b>	<b>127.55</b>	<b>133.10</b>	<b>31.50</b>	<b>46.37</b>	<b>132.66</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

(c) Indirect age-standardisation on the estimated resident population as at 31 December 1998.

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



**Table 2.12: Total psychiatric care days for overnight separations with specialised care by principal diagnosis in ICD-10-AM groupings,<sup>(a)</sup> States and Territories, 1998–99**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
F00–F09 Organic, including symptomatic, mental disorders									
F00–F03 Dementia	12,574	13,084	21,380	n.a.	21,886	157	13	47	69,141
F04–F09 Other organic mental disorders	9,473	8,061	61,370	n.a.	3,279	92	149	591	83,015
<i>Total</i>	<i>22,047</i>	<i>21,145</i>	<i>82,750</i>	<i>n.a.</i>	<i>25,165</i>	<i>249</i>	<i>162</i>	<i>638</i>	<i>152,156</i>
F10–F19 Mental and behavioural disorders due to psychoactive substance use									
F10 Mental and behavioural disorders due to use of alcohol	40,029	5,614	51,403	n.a.	5,955	201	91	149	103,442
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	22,559	6,763	7,339	n.a.	3,178	492	279	517	41,127
<i>Total</i>	<i>62,588</i>	<i>12,377</i>	<i>58,742</i>	<i>n.a.</i>	<i>9,133</i>	<i>693</i>	<i>370</i>	<i>666</i>	<i>144,569</i>
F20–F29 Schizophrenia, schizotypal and delusional disorders									
F20 Schizophrenia	192,469	104,266	274,476	n.a.	44,166	21,936	2,736	2,213	642,262
F21–F29 Other schizophrenic, schizotypal, delusional disorders	55,131	35,533	32,543	n.a.	21,068	2,871	1,521	1,079	149,746
<i>Total</i>	<i>247,600</i>	<i>139,799</i>	<i>307,019</i>	<i>n.a.</i>	<i>65,234</i>	<i>24,807</i>	<i>4,257</i>	<i>3,292</i>	<i>792,008</i>
F30–F39 Mood (affective) disorders									
F30 Manic episode	3,710	2,366	15,553	n.a.	1,535	314	93	45	23,616
F31 Bipolar affective disorders	52,381	36,185	61,430	n.a.	21,582	7,953	1,607	852	181,990
F32–F33 Depressive disorders	95,271	92,234	69,756	n.a.	42,067	2,889	1,213	943	304,373
F34–F39 Other mood (affective) disorders	3,759	4,277	6,638	n.a.	3,516	1,225	171	16	19,602
<i>Total</i>	<i>155,121</i>	<i>135,062</i>	<i>153,377</i>	<i>n.a.</i>	<i>68,700</i>	<i>12,381</i>	<i>3,084</i>	<i>1,856</i>	<i>529,581</i>
F40–F48 Neurotic, stress-related and somatoform disorders	27,766	22,088	26,926	n.a.	12,882	1,483	482	370	91,997
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors	9,724	7,703	6,474	n.a.	3,003	164	147	31	27,246
F50 Eating disorders	1,812	1,982	303	n.a.	119	339	4	53	4,612
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	11,536	9,685	6,777	n.a.	3,122	503	151	84	31,858
<i>Total</i>	<i>11,493</i>	<i>9,867</i>	<i>9,225</i>	<i>n.a.</i>	<i>4,935</i>	<i>1,907</i>	<i>514</i>	<i>214</i>	<i>38,155</i>
F60–F69 Disorders of adult personality and behaviour	2,507	90	38,807	n.a.	120	876	18	22	42,440
F70–F79 Mental retardation	2,555	337	24,024	n.a.	95	1	46	0	27,058
F80–F89 Disorders of psychological development	1,374	3,188	2,051	n.a.	469	85	1	5	7,173
F90–F98 Disorders onset usually occurring in childhood, adolescence	71	804	0	n.a.	0	0	3	0	878
F99 Mental disorder not otherwise specified	249	114	147	n.a.	9	5	3	8	535
Z03.2 Observation for suspected mental and behavioural disorder	1,081	10	4,219	n.a.	4	13	0	5	5,332
Other Z codes associated with mental health <sup>(a)</sup>	40,645	12,527	47,886	n.a.	4,005	1,789	418	221	107,491
Other principal diagnoses not related to mental health <sup>(a)</sup>	0	13,236	0	n.a.	0	17,461	0	0	30,697
Not reported									
<b>Total</b>	<b>586,633</b>	<b>380,329</b>	<b>761,950</b>	<b>n.a.</b>	<b>193,873</b>	<b>62,253</b>	<b>9,509</b>	<b>7,381</b>	<b>2,001,928</b>
<b>Age-standardised rate<sup>(c)</sup></b>	<b>91.7</b>	<b>80.4</b>	<b>221.7</b>	<b>n.a.</b>	<b>127.6</b>	<b>133.2</b>	<b>31.5</b>	<b>42.7</b>	<b>106.2</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

(c) Indirect age-standardisation on the estimated resident population as at 31 December 1998.

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

**Table 2.13a: Same day separations for male patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia	0	0	0	0	0	0	94	94
F04–F09 Other organic mental disorders	8	3	5	31	2	63	86	198
<i>Total</i>	8	3	5	31	2	63	180	292
F10–F19 Mental and behavioural disorders due to psychoactive substance use								
F10 Mental and behavioural disorders due to use of alcohol	7	76	142	321	493	201	478	1,718
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	164	312	266	64	55	32	32	925
<i>Total</i>	171	388	408	385	548	233	510	2,643
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	489	413	441	454	364	128	50	2,339
F21–F29 Other schizophrenic, schizotypal, delusional disorders	144	166	151	244	184	11	356	1,256
<i>Total</i>	633	579	592	698	548	139	406	3,595
F30–F39 Mood (affective) disorders								
F30 Manic episode	0	4	6	9	3	3	0	25
F31 Bipolar affective disorders	192	82	134	97	299	111	140	1,055
F32–F33 Depressive disorders	368	458	907	1,681	1,799	857	2,365	8,435
F34–F39 Other mood (affective) disorders	75	68	299	272	169	108	432	1,423
<i>Total</i>	635	612	1,346	2,059	2,270	1,079	2,937	10,938
F40–F48 Neurotic, stress-related and somatoform disorders	833	342	842	901	1,966	681	1,860	7,425
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	5	69	15	8	0	14	0	111
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	0	11	7	2	0	1	34	55
<i>Total</i>	5	80	22	10	0	15	34	166
F60–F69 Disorders of adult personality and behaviour								
F70–F79 Mental retardation	10	77	227	74	245	49	218	900
F80–F89 Disorders of psychological development	1	2	6	3	1	0	0	13
F90–F98 Disorders onset usually occurring in childhood, adolescence	116	99	3	1	0	0	0	219
F99 Mental disorder not otherwise specified	2,179	5	1	0	2	0	0	2,187
Z03.2 Observation for suspected mental and behavioural disorder	2	4	2	2	0	0	0	10
Other Z codes associated with mental disorders <sup>(b)</sup>	1	4	2	4	1	0	0	12
Other Z codes associated with mental health <sup>(a)</sup>	1	4	10	10	21	3	1	50
Other principal diagnoses not related to mental health	524	149	694	711	228	176	104	2,586
Not reported	0	4	4	2	2	1	0	13
<b>Total</b>	<b>5,119</b>	<b>2,352</b>	<b>4,164</b>	<b>4,891</b>	<b>5,834</b>	<b>2,439</b>	<b>6,250</b>	<b>31,049</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.13b: Same day separations for female patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia	0	0	0	0	0	2	17	19
F04–F09 Other organic mental disorders	0	0	3	2	3	2	34	44
<i>Total</i>	0	0	3	2	3	4	51	63
F10–F19 Mental and behavioural disorders due to psychoactive substance use								
F10 Mental and behavioural disorders due to use of alcohol	8	53	135	196	502	138	112	1,144
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	308	122	111	97	90	4	5	737
<i>Total</i>	316	175	246	293	592	142	117	1,881
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	83	159	276	422	456	266	181	1,843
F21–F29 Other schizophrenic, schizotypal, delusional disorders	62	126	281	451	418	178	97	1,613
<i>Total</i>	145	285	557	873	874	444	278	3,456
F30–F39 Mood (affective) disorders								
F30 Manic episode	1	0	2	8	1	1	3	16
F31 Bipolar affective disorders	34	183	344	508	686	294	299	2,348
F32–F33 Depressive disorders	723	1,265	2,235	3,806	3,942	1,708	1,927	15,606
F34–F39 Other mood (affective) disorders	106	86	312	435	319	80	24	1,362
<i>Total</i>	864	1,534	2,893	4,757	4,948	2,083	2,253	19,332
F40–F48 Neurotic, stress-related and somatoform disorders	424	502	1,298	1,352	1,147	504	784	6,011
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	441	2,346	1,107	495	300	8	0	4,697
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	5	2	42	13	42	0	0	104
<i>Total</i>	446	2,348	1,149	508	342	8	0	4,801
F60–F69 Disorders of adult personality and behaviour	35	182	446	414	303	150	91	1,621
F70–F79 Mental retardation	1	0	1	5	5	0	0	12
F80–F89 Disorders of psychological development	0	0	1	1	0	0	0	2
F90–F98 Disorders onset usually occurring in childhood, adolescence	206	5	1	17	5	0	1	235
F99 Mental disorder not otherwise specified	2	0	0	0	1	1	0	4
Z032 Observation for suspected mental and behavioural disorder	0	0	2	1	0	0	0	3
Other Z codes associated with mental disorders <sup>(b)</sup>	1	13	31	56	147	70	46	364
Other principal diagnoses not related to mental health <sup>(a)</sup>	413	258	1,044	583	176	105	92	2,671
Not reported	0	0	0	4	2	1	2	9
<b>Total</b>	<b>2,853</b>	<b>5,302</b>	<b>7,672</b>	<b>8,866</b>	<b>8,545</b>	<b>3,512</b>	<b>3,715</b>	<b>40,465</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.14a: Overnight separations for male patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under						Total
	18–24	25–34	35–44	45–54	55–64	65 and over	
F00–F09 Organic, including symptomatic, mental disorders							
F00–F03 Dementia	0	2	1	11	64	755	842
F04–F09 Other organic mental disorders	11	50	152	84	88	264	767
<b>Total</b>	<b>11</b>	<b>52</b>	<b>153</b>	<b>95</b>	<b>152</b>	<b>1,019</b>	<b>1,609</b>
F10–F19 Mental and behavioural disorders due to psychoactive substance use							
F10 Mental and behavioural disorders due to use of alcohol	17	223	629	774	340	244	3,023
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	224	1,433	1,457	119	22	20	3,824
<b>Total</b>	<b>241</b>	<b>1,656</b>	<b>2,086</b>	<b>893</b>	<b>362</b>	<b>264</b>	<b>6,847</b>
F20–F29 Schizophrenia, schizotypal and delusional disorders							
F20 Schizophrenia	268	2,917	4,362	1,288	504	314	12,463
F21–F29 Other schizophrenic, schizotypal, delusional disorders	234	1,206	1,479	457	166	179	4,591
<b>Total</b>	<b>502</b>	<b>4,123</b>	<b>5,841</b>	<b>1,745</b>	<b>670</b>	<b>493</b>	<b>17,054</b>
F30–F39 Mood (affective) disorders							
F30 Manic episode	5	112	99	39	29	43	409
F31 Bipolar affective disorders	48	528	1,040	621	415	330	3,845
F32–F33 Depressive disorders	197	649	1,228	1,466	735	1,247	6,942
F34–F39 Other mood (affective) disorders	37	96	162	127	53	60	710
<b>Total</b>	<b>287</b>	<b>1,385</b>	<b>2,529</b>	<b>2,253</b>	<b>1,232</b>	<b>1,680</b>	<b>11,906</b>
F40–F48 Neurotic, stress-related and somatoform disorders	431	769	1,430	1,228	352	205	5,557
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors							
F50 Eating disorders	11	16	8	2	1	1	43
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	4	54	31	5	4	2	122
<b>Total</b>	<b>15</b>	<b>70</b>	<b>39</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>166</b>
F60–F69 Disorders of adult personality and behaviour	63	400	659	131	44	31	1,679
F70–F79 Mental retardation	8	15	34	15	4	5	96
F80–F89 Disorders of psychological development	51	22	21	8	4	0	113
F90–F98 Disorders onset usually occurring in childhood, adolescence	447	39	21	8	3	8	544
F99 Mental disorder not otherwise specified	1	11	27	2	4	1	61
Z03.2 Observation for suspected mental and behavioural disorder	10	17	18	6	1	3	72
Other Z codes associated with mental disorders <sup>(b)</sup>	5	16	38	2	1	2	88
Other principal diagnoses not related to mental health <sup>(a)</sup>	312	289	534	285	148	378	2,368
Not reported	9	114	214	29	28	91	594
<b>Total</b>	<b>2,393</b>	<b>8,978</b>	<b>13,644</b>	<b>6,708</b>	<b>3,010</b>	<b>4,183</b>	<b>48,754</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.14b: Overnight separations for female patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia	0	0	4	2	7	42	766	821
F04–F09 Other organic mental disorders	6	15	65	71	54	54	269	534
<i>Total</i>	6	15	69	73	61	96	1,035	1,355
F10–F19 Mental and behavioural disorders due to psychoactive substance use								
F10 Mental and behavioural disorders due to use of alcohol	16	75	283	365	361	145	91	1,336
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	189	571	592	298	86	34	27	1,797
<i>Total</i>	205	646	875	663	447	179	118	3,133
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	156	781	1,433	1,344	1,022	531	581	5,848
F21–F29 Other schizophrenic, schizotypal, delusional disorders	156	545	1,169	1,067	739	357	397	4,430
<i>Total</i>	312	1,326	2,602	2,411	1,761	888	978	10,278
F30–F39 Mood (affective) disorders								
F30 Manic episode	8	36	78	85	54	34	93	388
F31 Bipolar affective disorders	62	430	1,086	1,227	1,045	628	707	5,185
F32–F33 Depressive disorders	380	856	2,152	2,689	2,327	1,169	2,666	12,239
F34–F39 Other mood (affective) disorders	150	149	270	244	171	77	151	1,212
<i>Total</i>	600	1,471	3,586	4,245	3,597	1,908	3,617	19,024
F40–F48 Neurotic, stress-related and somatoform disorders	685	854	1,666	1,484	896	338	350	6,273
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	308	374	193	94	29	4	1	1,003
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	11	50	153	52	7	3	1	277
<i>Total</i>	319	424	346	146	36	7	2	1,280
F60–F69 Disorders of adult personality and behaviour	179	794	1,130	760	277	60	34	3,234
F70–F79 Mental retardation	4	8	19	9	12	10	3	65
F80–F89 Disorders of psychological development	17	10	13	3	5	3	0	51
F90–F98 Disorders onset usually occurring in childhood, adolescence	189	17	24	5	13	5	7	260
F99 Mental disorder not otherwise specified	5	6	11	10	10	0	1	43
Z032 Observation for suspected mental and behavioural disorder	1	14	8	5	3	0	7	38
Other Z codes associated with mental disorders <sup>(b)</sup>	3	4	4	4	2	1	2	20
Other principal diagnoses not related to mental health <sup>(a)</sup>	348	353	873	628	300	148	415	3,065
Not reported	1	6	9	13	21	10	132	192
<b>Total</b>	<b>2,874</b>	<b>5,948</b>	<b>11,235</b>	<b>10,459</b>	<b>7,441</b>	<b>3,653</b>	<b>6,701</b>	<b>48,311</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.15a: Patient days for overnight separations for male patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders	0	79	2	299	1,293	3,747	56,826	62,246
F00–F03 Dementia	73	600	11,973	7,864	23,028	10,667	18,715	72,920
F04–F09 Other organic mental disorders	73	679	11,975	8,163	24,321	14,414	75,541	135,166
<i>Total</i>								
F10–F19 Mental and behavioural disorders due to psychoactive substance	158	1,505	4,189	17,037	18,311	31,380	22,235	94,815
F10 Mental and behavioural disorders due to use of alcohol								
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	2,470	11,124	9,947	4,236	1,081	406	1,109	30,373
<i>Total</i>	2,628	12,629	14,136	21,273	19,392	31,786	23,344	125,188
F20–F29 Schizophrenia, schizotypal and delusional disorders	6,556	120,921	187,279	91,205	89,644	42,994	30,715	569,314
F20 Schizophrenia	4,127	20,161	25,910	14,183	8,438	19,290	7,270	99,379
F21–F29 Other schizophrenic, schizotypal, delusional disorders	10,683	141,082	213,189	105,388	98,082	62,284	37,985	668,693
<i>Total</i>								
F30–F39 Mood (affective) disorders	67	1,419	1,385	843	489	3,310	2,275	9,788
F30 Manic episode	617	9,364	15,694	14,558	10,555	23,654	13,175	87,617
F31 Bipolar affective disorders	2,836	6,895	14,413	19,274	24,268	16,645	38,066	122,397
F32–F33 Depressive disorders	372	693	1,424	1,945	1,518	581	1,660	8,193
F34–F39 Other mood (affective) disorders	3,892	18,371	32,916	36,620	36,830	44,190	55,176	227,995
<i>Total</i>	3,424	4,470	8,462	7,500	18,059	4,553	4,155	50,623
F40–F48 Neurotic, stress-related and somatoform disorders								
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors	157	411	304	28	113	6	39	1,058
F50 Eating disorders								
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	8	634	256	194	34	52	10	1,188
<i>Total</i>	165	1,045	560	222	147	58	49	2,246
F60–F69 Disorders of adult personality and behaviour	415	3,238	6,356	2,473	1,941	507	1,280	16,210
F70–F79 Mental retardation	46	770	22,308	332	2,451	649	1,291	27,847
F80–F89 Disorders of psychological development	1,119	23,137	110	55	14,304	581	0	39,306
F90–F98 Disorders onset usually occurring in childhood, adolescence	5,360	195	103	91	115	50	115	6,029
F99 Mental disorder not otherwise specified	5	84	225	143	22	16	3	498
Z032 Observation for suspected mental and behavioural disorder	40	166	178	69	60	3	9	525
Other Z codes associated with mental disorders <sup>(b)</sup>	36	208	556	331	7	10	22	1,170
Other principal diagnoses not related to mental health <sup>(a)</sup>	2,068	4,399	12,249	26,582	11,052	8,859	15,975	81,184
Not reported	50	2,393	3,875	1,766	958	1,796	7,369	18,207
<b>Total</b>	<b>30,004</b>	<b>212,866</b>	<b>327,198</b>	<b>211,008</b>	<b>227,741</b>	<b>169,756</b>	<b>222,314</b>	<b>1,400,887</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.15b: Patient days for overnight separations for female patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia	0	0	176	120	233	2,691	43,417	46,637
F04–F09 Other organic mental disorders	77	143	7,822	2,270	839	1,159	10,260	22,570
<i>Total</i>	77	143	7,998	2,390	1,072	3,850	53,677	69,207
F10–F19 Mental and behavioural disorders due to psychoactive substance								
F10 Mental and behavioural disorders due to use of alcohol	102	508	2,430	3,806	4,019	9,671	8,490	29,026
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	2,087	4,529	4,838	2,701	1,323	390	527	16,395
<i>Total</i>	2,189	5,037	7,268	6,507	5,342	10,061	9,017	45,421
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	6,708	35,159	45,818	52,409	83,247	29,577	45,143	298,061
F21–F29 Other schizophrenic, schizotypal, delusional disorders	2,666	9,585	18,733	17,662	14,783	7,463	12,872	83,764
<i>Total</i>	9,374	44,744	64,551	70,071	98,030	37,040	58,015	381,825
F30–F39 Mood (affective) disorders								
F30 Manic episode	73	527	866	1,211	806	8,830	6,999	19,312
F31 Bipolar affective disorders	1,282	17,088	17,764	19,771	19,183	22,885	22,076	120,049
F32–F33 Depressive disorders	5,059	11,475	29,082	40,237	38,908	25,071	73,038	222,870
F34–F39 Other mood (affective) disorders	1,184	1,272	2,604	2,631	2,258	1,763	3,740	15,452
<i>Total</i>	7,598	30,362	50,316	63,850	61,155	58,549	105,853	377,683
F40–F48 Neurotic, stress-related and somatoform disorders	6,323	5,921	13,696	12,834	10,563	4,438	6,378	60,153
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	9,193	10,491	5,820	2,558	756	143	1	28,962
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	57	630	2,608	661	144	60	16	4,176
<i>Total</i>	9,250	11,121	8,428	3,219	900	203	17	33,138
F60–F69 Disorders of adult personality and behaviour								
F70–F79 Mental retardation	1,385	5,670	10,093	7,682	2,922	910	1,284	29,946
F80–F89 Disorders of psychological development	48	2,974	861	1,096	5,435	4,918	880	16,212
F90–F98 Disorders onset usually occurring in childhood, adolescence	481	141	32	32	1,146	46	0	1,878
F99 Mental disorder not otherwise specified	2,377	156	224	73	1,096	59	403	4,388
Z03.2 Observation for suspected mental and behavioural disorder	36	42	59	81	163	0	1	382
Other Z codes associated with mental disorders <sup>(b)</sup>	3	121	41	17	21	0	123	326
Other principal diagnoses not related to mental health <sup>(a)</sup>	5	8	28	15	1,776	2,441	36	4,309
Other principal diagnoses not related to mental health <sup>(a)</sup>	2,435	2,980	13,161	13,472	9,645	3,442	16,259	61,394
Not reported	1	61	112	1,138	542	1,219	9,418	12,491
<b>Total</b>	<b>41,582</b>	<b>109,481</b>	<b>176,868</b>	<b>182,477</b>	<b>199,808</b>	<b>127,176</b>	<b>261,361</b>	<b>1,098,753</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.

**Table 2.16a: Total psychiatric care days<sup>(a)</sup> for overnight separations for male patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(b)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia		79	2	185	1261	3502	45963	50,992
F04–F09 Other organic mental disorders	52	544	11533	7740	22483	9803	16878	69,033
Total	52	623	11535	7925	23744	13305	62841	120,025
F10–F19 Mental and behavioural disorders due to psychoactive substance use								
F10 Mental and behavioural disorders due to use of alcohol	156	1430	3893	16311	10853	26182	18518	77,343
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	1838	10463	9422	4035	905	406	1063	28,132
Total	1994	11893	13315	20346	11758	26588	19581	105,475
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	6225	80496	162837	80519	70779	27272	25611	453,739
F21–F29 Other schizophrenic, schizotypal, delusional disorders	3315	18475	24224	13050	8011	8713	6868	82,656
Total	9540	98971	187061	93569	78790	35985	32479	536,395
F30–F39 Mood (affective) disorders								
F30 Manic episode	63	1282	1311	658	439	3304	2199	9,256
F31 Bipolar affective disorders	531	8677	14732	13407	9956	22651	11149	81,103
F32–F33 Depressive disorders	2381	6181	12707	17546	21999	15314	33272	109,400
F34–F39 Other mood (affective) disorders	311	559	1230	1794	1380	532	1494	7,300
Total	3286	16699	29980	33405	33774	41801	48114	207,059
F40–F48 Neurotic, stress-related and somatoform disorders	2803	3694	7153	6432	16324	4039	3124	43,569
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	107	382	222	28	113	6	39	897
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	8	627	225	185	34	52	10	1,141
Total	115	1009	447	213	147	58	49	2,038
F60–F69 Disorders of adult personality and behaviour								
F70–F79 Mental retardation	390	3079	6015	2322	1545	414	882	14,647
F80–F89 Disorders of psychological development	41	765	22295	332	2451	649	1042	27,575
F90–F98 Disorders onset usually occurring in childhood, adolescence	964	23135	105	55	1334	581	.	26,174
F99 Mental disorder not otherwise specified	3706	169	102	89	115	50	53	4,284
Z032 Observation for suspected mental and behavioural disorder	5	84	223	143	22	16	3	496
Other Z codes associated with mental disorders <sup>(c)</sup>	35	166	170	59	47	3	9	489
Other Z codes associated with mental health <sup>(b)</sup>	32	204	454	315	7	10	20	1,042
Other principal diagnoses not related to mental health <sup>(b)</sup>	1,273	4,081	11,257	15,518	10,149	8,468	12,531	63,277
Not reported	50	2,393	3,875	1,766	958	1,796	7,369	18,207
<b>Total</b>	<b>24,286</b>	<b>166,965</b>	<b>293,987</b>	<b>182,489</b>	<b>181,165</b>	<b>133,763</b>	<b>188,097</b>	<b>1,170,752</b>

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

(b) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.



**Table 2.16b: Total psychiatric care days<sup>(a)</sup> for overnight separations for female patients with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(b)</sup> and age group, Australia, 1998–99**

Principal diagnosis	17 and under	18–24	25–34	35–44	45–54	55–64	65 and over	Total
F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia			59	120	233	2,296	34,460	37,168
F04–F09 Other organic mental disorders	72	140	7,593	2,189	572	816	8,727	20,109
<i>Total</i>	72	140	7,652	2,309	805	3,112	43,187	57,277
F10–F19 Mental and behavioural disorders due to psychoactive substance use								
F10 Mental and behavioural disorders due to use of alcohol								
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	83	500	2,284	3,234	3,807	9,428	8,408	27,744
<i>Total</i>	1,898	4,228	4,217	2,561	1,289	390	504	15,087
F20–F29 Schizophrenia, schizotypal and delusional disorders								
F20 Schizophrenia	1,981	4,728	6,501	5,795	5,096	9,818	8,912	42,831
F21–F29 Other schizophrenic, schizotypal, delusional disorders								
<i>Total</i>	6,586	26,745	37,157	34,636	65,526	28,751	35,645	235,046
F30–F39 Mood (affective) disorders								
F30 Manic episode	53	500	853	1,121	702	8,790	6,642	18,661
F31 Bipolar affective disorders	1,074	16,518	16,117	17,684	17,657	19,873	19,101	108,024
F32–F33 Depressive disorders	4,149	10,211	26,469	35,888	34,764	22,506	65,973	199,960
F34–F39 Other mood (affective) disorders	957	1,052	2,246	2,364	2,016	1,541	2,803	12,979
<i>Total</i>	6,233	28,281	45,685	57,057	55,139	52,710	94,519	339,624
F40–F48 Neurotic, stress-related and somatoform disorders	5,483	4,546	11,682	10,921	9,147	4,031	5,532	51,342
F50–F59 Behavioural syndromes associated with physiological disturbances and physical factors								
F50 Eating disorders	8,307	9,375	5,403	2,442	718	143	1	26,389
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors								
<i>Total</i>	54	619	2,587	644	144	17	16	4,081
F60–F69 Disorders of adult personality and behaviour	8,361	9,994	7,990	3,086	862	160	17	30,470
F70–F79 Mental retardation	1,297	5,212	9,600	7,050	2,783	910	1,205	28,057
F80–F89 Disorders of psychological development	48	2,974	856	1,096	5,435	4,918	880	16,207
F90–F98 Disorders onset usually occurring in childhood, adolescence	115	139	31	32	534	46	.	897
F99 Mental disorder not otherwise specified	1,263	109	203	73	1,095	9	156	2,908
Z03.2 Observation for suspected mental and behavioural disorder	36	42	59	81	163	.	1	382
Other Z codes associated with mental disorders <sup>(c)</sup>	3	114	28	17	20	.	108	290
Other principal diagnoses not related to mental health <sup>(b)</sup>	5	8	28	15	1,776	2,441	17	4,290
Other principal diagnoses not related to mental health	1,725	2,186	7,776	12,396	4,910	2,941	14,036	45,970
Not reported	1	61	112	1,138	542	1,219	9,418	12,491
<b>Total</b>	<b>35,585</b>	<b>93,838</b>	<b>152,948</b>	<b>152,291</b>	<b>167,882</b>	<b>117,811</b>	<b>225,422</b>	<b>945,777</b>

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

(b) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5.



**Table 2.18: Area of usual residence<sup>(a)</sup> of patients for separations with specialised psychiatric care, by hospital type, States and Territories, 1998-99**

Area of usual residence	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Public acute hospitals</b>									
Metropolitan	21,423	14,879	14,535	8,096	5,478	1,070	718	378	66,577
Rural	3,487	4,848	4,952	638	369	1,569	35	48	15,946
Remote	47	88	292	111	36	6	0	304	884
Not reported	406	525	566	62	30	3	24	32	1,648
<i>Total public acute hospitals</i>	<i>25,363</i>	<i>20,340</i>	<i>20,345</i>	<i>8,907</i>	<i>5,913</i>	<i>2,648</i>	<i>777</i>	<i>762</i>	<i>85,055</i>
<b>Private hospitals</b>									
Metropolitan	16,442	20,268	9,468	11,071	2,175	n.a.	17	n.a.	59,441
Rural	1,265	916	931	870	307	n.a.	29	n.a.	4,318
Remote	12	6	41	224	15	n.a.	0	n.a.	298
Not reported	11	82	32	10	2	n.a.	4	n.a.	141
<i>Total private hospitals</i>	<i>17,730</i>	<i>21,272</i>	<i>10,472</i>	<i>12,175</i>	<i>2,499</i>	<i>n.a.</i>	<i>50</i>	<i>n.a.</i>	<i>64,198</i>
<b>Public psychiatric hospitals</b>									
Metropolitan	7,940	490	810	2,248	2,780	397	..	..	14,665
Rural	1,434	71	541	254	743	131	..	..	3,174
Remote	76	0	34	150	54	0	..	..	314
Not reported	785	9	101	113	161	4	..	..	1,173
<i>Total public psychiatric hospitals</i>	<i>10,235</i>	<i>570</i>	<i>1,486</i>	<i>2,765</i>	<i>3,738</i>	<i>532</i>	<i>..</i>	<i>..</i>	<i>19,326</i>
<b>All hospitals</b>									
Metropolitan	45,805	35,637	24,813	21,415	10,433	1,467	735	378	140,683
Rural	6,186	5,835	6,424	1,762	1,419	1,700	64	48	23,438
Remote	135	94	367	485	105	6	0	304	1,496
Not reported	1,202	616	699	185	193	7	28	32	2,962
<b>Total hospitals</b>	<b>53,328</b>	<b>42,182</b>	<b>32,303</b>	<b>23,847</b>	<b>12,150</b>	<b>3,180</b>	<b>827</b>	<b>762</b>	<b>168,579</b>
<b>Age-standardised population rate<sup>(b)</sup></b>									
All separations per 1,000 population									
Metropolitan	9.09	9.56	11.56	9.38	5.89	7.24	1.35	2.06	9.98
Rural	1.23	1.57	2.99	0.77	0.80	8.39	0.12	0.26	1.66
Remote	2.40	7.07	1.86	13.13	0.57	2.17	..	3.46	2.59
Overnight separations per 1,000 population									
Metropolitan	4.49	4.72	6.46	3.76	4.76	5.14	1.27	2.00	5.18
Rural	1.00	1.21	2.50	0.50	0.73	6.39	0.12	0.25	1.33
Remote	0.03	0.02	0.16	0.13	0.06	0.03	..	1.64	0.09

(a) Defined according to the *Rural, Remote and Metropolitan Areas Classification*, 1991 Census edition. See Glossary for more information.

(b) Rates were indirectly age-standardised using the estimated resident population as at 31 December 1998.

.. Not applicable

n.a. Not available

**Table 2.19: Specialised care separations reported for Aboriginal and Torres Strait Islander patients,<sup>(a)</sup> by principal diagnosis in ICD-10-AM groupings, Australia, 1998-99**

Principal diagnosis	Same day separations		Overnight separations		Separations per 1,000		Patient days		Psychiatric care days		Average length of stay	
	separations	separations	separations	separations	per 1,000	per 1,000	ATSI <sup>(b)</sup>	ATSI <sup>(b)</sup>	per 1,000	per 1,000	(overnight)	separation
F00-F09 Organic, including symptomatic, mental disorders	2	63	65	0.2	4,731	16.0	4,731	16.0	16.0	75.1	75.1	75.1
F10-F19 Mental and behavioural disorders due to psychoactive substance use	47	495	542	1.6	5,165	17.5	4,912	16.6	16.6	10.3	9.8	9.8
F20-F29 Schizophrenia, schizotypal and delusional disorders	30	902	932	2.7	39,678	134.2	38,264	129.4	129.4	44.0	42.4	42.4
F30-F39 Mood (affective) disorders	32	491	523	1.5	6,343	21.5	5,848	19.8	19.8	12.9	11.8	11.8
F40-F49 Neurotic, stress-related and somatoform disorders	163	339	502	1.5	2,163	7.3	1,785	6.0	6.0	5.9	4.8	4.8
F50-F59 Behavioural syndromes associated with physiological disturbances and physical factors	7	30	37	0.1	383	1.3	383	1.3	1.3	12.5	12.5	12.5
Other mental health disorders <sup>(d)</sup>	78	193	271	0.8	4,314	14.6	4,137	14.0	14.0	21.9	21.0	21.0
Other principal diagnoses not related to mental health <sup>(e)</sup>	24	165	189	0.6	2,639	8.9	2,245	8.9	8.9	15.8	13.5	13.5
<b>Total</b>	<b>383</b>	<b>2,678</b>	<b>3,061</b>	<b>9.0</b>	<b>65,416</b>	<b>221.2</b>	<b>62,305</b>	<b>210.7</b>	<b>210.7</b>	<b>24.3</b>	<b>23.1</b>	<b>23.1</b>
<b>All patients</b>	<b>71,514</b>	<b>97,065</b>	<b>168,579</b>	<b>8.9</b>	<b>2,571,154</b>	<b>136.5</b>	<b>2,083,835</b>	<b>115.4</b>	<b>115.4</b>	<b>25.8</b>	<b>20.7</b>	<b>20.7</b>

(a) A full definition of Aboriginal and Torres Strait Islander status is in the Glossary. The completeness of Aboriginal and Torres Strait Islander status varies, hence these data should be used with caution.

(b) Rates are indirectly age-standardised based on December 1998 Estimated Resident Population and the December 1998 Aboriginal and Torres Strait Islander population projections.

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

(d) Including F60-F69, F70-F79, F80-F89, F90-F99, Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5 only.

(e) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

**Table 2.20: Specialised care separations reported for Aboriginal and Torres Strait Islander patients,<sup>(a)</sup> by RRMA category of area of usual residence, Australia, 1998-99**

RRMA category of area of usual residence	Separations			Total patient days	Total psychiatric care days <sup>(c)</sup>	Average length of stay (overnight)	Psychiatric care days per overnight separation
	Same day	Overnight	Total				
Metropolitan	331	1,386	1,717	35,817	33,478	25.6	23.9
Rural	37	802	839	21,619	21,276	26.9	26.5
Remote	9	357	366	4,465	4,198	12.5	11.7
Not reported	6	133	139	3,515	3,353	26.4	25.2
<b>Total</b>	<b>383</b>	<b>2,678</b>	<b>3,061</b>	<b>65,416</b>	<b>62,305</b>	<b>24.3</b>	<b>23.1</b>

(a) A full definition of Aboriginal and Torres Strait Islander status is in the Glossary. The completeness of Aboriginal and Torres Strait Islander status data varies, hence these data should be used with caution.

(b) Rates are indirectly age-standardised based on the December 1998 Estimated Resident Population and the December 1998 Aboriginal and Torres Strait Islander population projections.

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

**Table 2.21: Separations with specialised psychiatric care by principal diagnosis in ICD-10-AM groupings<sup>(a)</sup> and country of birth groups, Australia, 1998–99**

Principal diagnosis	Australia			Other English-speaking			Non-English-speaking		
	Same day separations	Overnight separations	per 1,000 population <sup>(b)</sup>	Same day separations	Overnight separations	per 1,000 population <sup>(b)</sup>	Same day separations	Overnight separations	per 1,000 population <sup>(b)</sup>
F00–F09									
F00–F03									
F04–F09	98	916	0.1	1	217	0.1	14	530	0.2
	121	867	0.1	5	151	0.1	116	283	0.1
<i>Total</i>	219	1,783	0.1	6	368	0.2	130	813	0.3
F10–F19									
F10									
F11–F19	2,197	3,127	0.4	358	472	0.5	307	760	0.4
	1,461	4,595	0.4	60	335	0.2	141	691	0.3
<i>Total</i>	3,658	7,722	0.8	418	807	0.8	448	1,451	0.7
F20–F29									
F20	3,281	13,908	1.2	211	939	0.7	690	3,464	1.5
F21–F29									
	1,970	6,490	0.6	458	563	0.6	441	1,948	0.9
<i>Total</i>	5,251	20,398	1.8	669	1,522	1.3	1,131	5,412	2.4
F30–F39	22,685	22,282	3.1	2,954	2,890	3.6	4,631	5,758	3.8
F40–F48	10,393	9,014	1.4	1,155	991	1.3	1,888	1,825	1.4
F50–F59									
	4,322	1,188	0.4	55	92	0.1	590	166	0.3
<i>Total</i>	4,429	5,298	0.7	318	446	0.5	885	620	0.6
Other principal diagnoses not related to mental health <sup>(a)</sup>	2,817	3,826	0.5	563	384	0.6	1,877	1,223	1.1
Not reported	16	620	0.0	3	56	0.0	3	110	0.0
<b>Total</b>	<b>53,790</b>	<b>72,131</b>	<b>8.8</b>	<b>6,141</b>	<b>7,556</b>	<b>8.4</b>	<b>11,583</b>	<b>17,378</b>	<b>10.6</b>

(a) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition of a mental disorder outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

(b) Rates are crude rates based on 31 December 1998 estimated resident population.

(c) Including F60–F69, F70–F79, F80–F89, F90–F99, Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5 only.

**Table 2.22: Patient days and psychiatric care days<sup>(a)</sup> of separations with specialised psychiatric care by country of birth groups, Australia, 1998–99**

Principal diagnosis	Australia			Other English-speaking countries			Non-English-speaking countries		
	Patient days	Psychiatric care days	Psychiatric care days per 1,000 <sup>(b)</sup>	Patient days	Psychiatric care days	Psychiatric care days per 1,000 <sup>(b)</sup>	Patient days	Psychiatric care days	Psychiatric care days per 1,000 <sup>(b)</sup>
	F00–F09 Organic, including symptomatic, mental disorders								
F00–F03 Dementia	63,368	54,404	3.79	15,034	9,779	6.00	30,594	24,090	8.80
F04–F09 Other organic mental disorders	80,328	76,943	5.36	4,605	2,783	1.71	10,799	9,651	3.53
<i>Total</i>	143,696	131,347	9.14	19,639	12,562	7.71	41,393	33,741	12.33
F10–F19 Mental and behavioural disorders due to psychoactive substance use									
F10 Mental and behavioural disorders due to use of alcohol	101,182	83,669	5.82	5,868	4,978	3.05	19,653	19,033	6.96
F11–F19 Mental and behavioural disorders due to other psychoactive substances use	39,832	37,210	2.59	3,153	2,551	1.57	5,445	5,061	1.85
<i>Total</i>	141,014	120,879	8.42	9,021	7,529	4.62	25,098	24,094	8.81
F20–F29 Schizophrenia, schizotypal and delusional disorders									
F20 Schizophrenia	694,868	534,131	37.19	37,008	31,640	19.41	139,681	127,068	46.44
F21–F29 Other schizophrenic, schizotypal, delusional disorders	137,276	118,802	8.27	12,177	10,255	6.29	36,559	33,743	12.33
<i>Total</i>	832,144	652,933	45.46	49,185	41,895	25.70	176,240	160,811	58.77
F30–F39 Mood (affective) disorders									
F30 Manic episode	21,351	20,795	1.45	1,922	1,625	1.00	5,868	5,537	2.02
F31 Bipolar affective disorders	156,077	144,624	10.07	16,478	14,231	8.73	38,514	33,125	12.11
F32–F33 Depressive disorders	256,534	231,402	16.11	33,353	26,770	16.42	79,421	70,767	25.86
F34–F39 Other mood (affective) disorders	18,076	15,349	1.07	3,007	2,097	1.29	5,347	4,464	1.63
<i>Total</i>	452,038	412,170	28.69	54,760	44,723	27.44	129,150	113,893	41.62
F40–F48 Neurotic, stress-related and somatoform disorders	94,838	80,343	5.59	10,184	7,158	4.39	19,190	17,061	6.23
F50–F59 Behavioural syndromes associated with physiological disturbances and physical									
F50 Eating disorders	30,069	27,377	1.91	1,629	1,378	0.85	3,130	2,892	1.06
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	4,119	4,003	0.28	490	471	0.29	914	907	0.33
<i>Total</i>	34,188	31,380	2.18	2,119	1,849	1.13	4,044	3,799	1.39
F60–F69 Disorders of adult personality and behaviour	40,569	37,416	2.60	3,467	3,040	1.87	4,641	4,107	1.50
F70–F79 Mental retardation	41,433	41,212	2.87	41	41	0.03	2,610	2,554	0.93
F80–F89 Disorders of psychological development	40,752	26,787	1.86	4	2	0.00	649	503	0.18
F90–F98 Disorders onset usually occurring in childhood, adolescence	11,391	8,528	0.59	341	206	0.13	1,107	840	0.31
F99 Mental disorder not otherwise specified	829	827	0.06	29	29	0.02	36	36	0.01
Z03.2 Observation for suspected mental and behavioural disorder	579	533	0.04	25	18	0.01	262	242	0.09
Other Z codes associated with mental disorders <sup>(c)</sup>	1,117	999	0.07	86	66	0.04	4,690	4,681	1.71
Other principal diagnoses not related to mental health <sup>(d)</sup>	106,853	82,632	5.75	12,346	11,319	6.94	28,636	19,046	6.96
Not reported	23,932	23,932	1.67	2,919	2,919	1.79	3,869	3,869	1.41
<b>Total</b>	<b>1,965,373</b>	<b>1,651,918</b>	<b>115.00</b>	<b>164,166</b>	<b>133,356</b>	<b>81.82</b>	<b>441,615</b>	<b>389,277</b>	<b>142.26</b>

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

(b) Rates are crude rates based on 31 December 1998 estimated resident population data.

(c) Including Z09.3, Z13.3, Z13.4, Z54.3, Z76.5, Z91.4 and Z91.5 only.

(d) ICD-10-AM codes for each grouping are outlined in Appendix 1. Any disorders not falling within the definition outlined in Appendix 1 are included in the category 'Other principal diagnoses not related to mental health'.

