5 Ambulatory-equivalent mental health-related admitted patient care

5.1 Introduction

In addition to ambulatory (or non-admitted) care provided by community mental health care services and hospital-based ambulatory care services (as presented in the previous chapter), mental health care that could be considered to be equivalent to ambulatory care can be provided to patients admitted to hospital. In this chapter, information is presented on this form of care — that is, on *mental health-related* hospital *separations* that could be considered to be *ambulatory-equivalent* admitted patient care.

The data presented in this chapter are from the National Hospital Morbidity Database (NHMD). More detailed information on the NHMD is available in Appendix 1.

Key concepts

A **separation** is defined as the process by which an episode of care for an admitted patient in hospital ceases. For more information, see Chapter 7.

A separation is classified as **ambulatory-equivalent** for this report if each of the following applies:

- The separation was a same-day separation (that is, admission and separation occurred on the same day).
- No procedure or other intervention was recorded, or any procedure recorded was identified as probably able to be provided in ambulatory mental health care.
- The mode of admission did not include a care type change or transfer, and the mode of separation did not include a transfer (to another facility), a care type change, the patient leaving against medical advice, or death.

A separation is classified as mental health-related if:

- it had a mental health-related principal diagnosis which, for admitted patient care in this report, is defined as a principal diagnosis that is either a diagnosis that falls within the chapter on *Mental and behavioural disorders* (Chapter 5) in the ICD-10-AM classification (codes F00–F99) or a number of other selected diagnoses (see Appendix 4 for the full list of applicable diagnoses), and/or
- it included any specialised psychiatric care.

A separation is classified as having **specialised psychiatric care** if the patient was reported as having spent one or more days in a specialised psychiatric unit or ward.

5.2 States and territories and hospital type

In 2006–07, a total of 7,602,917 separations were reported from public and private acute and psychiatric hospitals (AIHW 2008a). Of these, 4.3% (329,958) were mental health-related comprising ambulatory-equivalent and admitted patient separations. Admitted patient separations are presented in Chapter 7.

There were 120,602 ambulatory-equivalent mental health-related separations reported in 2006–07, accounting for 1.6% of all separations and 36.6% of all mental health-related separations. Table 5.1 shows the number of separations for each state and territory by hospital type. The number of separations per 1,000 population is provided to account for differences in population size between jurisdictions.

Table 5.1: Ambulatory-equivalent mental health-related separations^(a) with and without specialised psychiatric care, by hospital type, states and territories, 2006–07

| Hospital type | NSW | Vic | Qld | WA | SA | Tas | ACT | NT | Total |
|------------------------------|--------|--------|--------|-------------|------------|-----------------------|------|------|---------|
| | | | With | specialis | sed psych | iatric car | е | | |
| Public acute hospitals | 3,318 | 253 | 946 | 87 | 203 | 73 | 35 | 22 | 4,937 |
| Public psychiatric hospitals | 1,517 | 0 | 1 | 18 | 6 | 5 | | | 1,547 |
| Private hospitals | 24,017 | 30,110 | 20,674 | 7,217 | 10 | n.p. | n.p. | n.p. | 85,820 |
| Subtotal | 28,852 | 30,363 | 21,621 | 7,322 | 219 | n.p. | n.p. | n.p. | 92,304 |
| | | | Witho | ut specia | lised psyc | hiatric ca | are | | |
| Public acute hospitals | 7,025 | 5,202 | 2,309 | 1,329 | 1,126 | 375 | 185 | 188 | 17,739 |
| Public psychiatric hospitals | 56 | 0 | 0 | 0 | 0 | 0 | | | 56 |
| Private hospitals | 2,186 | 2,903 | 3,345 | 511 | 12 | n.p. | n.p. | n.p. | 10,503 |
| Subtotal | 9,267 | 8,105 | 5,654 | 1,840 | 1,138 | n.p. | n.p. | n.p. | 28,298 |
| | | | | All | hospitals | | | | |
| Public acute hospitals | 10,343 | 5,455 | 3,255 | 1,416 | 1,329 | 448 | 220 | 210 | 22,676 |
| Public psychiatric hospitals | 1,573 | 0 | 1 | 18 | 6 | 5 | | | 1,603 |
| Private hospitals | 26,203 | 33,013 | 24,019 | 7,728 | 22 | n.p. | n.p. | n.p. | 96,323 |
| Total | 38,119 | 38,468 | 27,275 | 9,162 | 1,357 | n.p. | n.p. | n.p. | 120,602 |
| | | | Ra | ate (per 1, | 000 popul | ation) ^(b) | | | |
| Public acute hospitals | 1.5 | 1.1 | 0.8 | 0.7 | 0.9 | 1.0 | 0.6 | 1.0 | 1.1 |
| Public psychiatric hospitals | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | 0.1 |
| Private hospitals | 3.7 | 6.2 | 5.6 | 3.7 | 0.0 | n.p. | n.p. | n.p. | 4.5 |
| All hospitals | 5.5 | 7.3 | 6.4 | 4.4 | 0.9 | n.p. | n.p. | n.p. | 5.7 |

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

Source: National Hospital Morbidity Database.

⁽b) Rates were directly age-standardised as detailed in Appendix 2.

n.p. Not published. Private hospital figures for Tasmania, the Australian Capital Territory and the Northern Territory are not published due to confidentiality reasons. However, the figures are included in the national totals.

^{..} Not applicable. The Australian Capital Territory and the Northern Territory do not have any public psychiatric hospitals.

The data show that private hospitals were the predominant providers (79.9%, 96,323 out of 120,602) of ambulatory-equivalent mental health-related admitted patient care. The number of separations reported by public psychiatric hospitals constituted 1.3% (1,603 out of 120,602) with New South Wales being the major provider (98.1%).

Specialised psychiatric care was provided in 76.5% of all separations (92,304 out of 120,602) primarily by private hospitals (93.0%). This was particularly the case in Victoria where private hospital separations constituted 99.2% of all separations (30,110 out of 30,363).

Public acute hospitals played a greater role in separations without specialised psychiatric care (17,739 out of 28,298 or 62.7%).

Victoria reported the highest number of separations per 1,000 population (7.3) while South Australia had the lowest (0.9). Public acute hospitals in South Australia provided more than 97% of ambulatory-equivalent admitted patient care.

5.3 Mental health legal status

Table 5.2 shows the number of ambulatory-equivalent mental health-related separations with specialised psychiatric care by hospital type and the patient's mental health legal status. The mental health legal status of about one-third of the separations was not reported, and the majority of these separations were from private hospitals. Among the separations for which mental health legal status was reported, 0.9% were involuntary and 84.6% of those (463 out of 547) were public acute hospital separations.

Table 5.2: Ambulatory-equivalent mental health-related separations^(a) with specialised psychiatric care, by mental health legal status and hospital type, 2006–07

| | Public acute | Public psychiatric | | |
|----------------------------|--------------|--------------------|-------------------|--------|
| Mental health legal status | hospitals | hospitals | Private hospitals | Total |
| Involuntary | 463 | 56 | 28 | 547 |
| Voluntary | 4,441 | 1,491 | 55,125 | 61,057 |
| Not reported | 33 | 0 | 30,667 | 30,700 |
| Total | 4,937 | 1,547 | 85,820 | 92,304 |

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

Source: National Hospital Morbidity Database.

5.4 Patient demographics

Table 5.3 presents information on the number of ambulatory-equivalent mental health-related separations and the corresponding percentage of these separations for a number of demographic groups. A rate (per 1,000 population) has been provided to compare numbers of separations relative to the size of the respective population. As the data report on the number of separations rather than the number of patients, it is not possible to determine how many separations an individual patient had.

The highest proportions of ambulatory-equivalent mental health-related separations were for patients aged 45–54 years and 55–64 years (19.5% and 18.8%, respectively). However, the highest number of separations per 1,000 population was for patients aged 55–64 years (9.9).

Table 5.3: Ambulatory-equivalent mental health-related separations^(a), by patient demographic characteristics, 2006–07

| Patient demographics | Number of separations ^(b) | Per cent of separations ^(c) | Rate (per 1,000 population) ^(d) |
|------------------------------------|--------------------------------------|--|--|
| Age (years) | | | |
| Less than 15 | 5,792 | 4.8 | 1.4 |
| 15–24 | 15,328 | 12.7 | 5.3 |
| 25–34 | 16,960 | 14.1 | 5.8 |
| 35–44 | 22,252 | 18.5 | 7.2 |
| 45–54 | 23,570 | 19.5 | 8.2 |
| 55–64 | 22,666 | 18.8 | 9.9 |
| 65+ | 14,033 | 11.6 | 5.1 |
| Sex | | | |
| Male | 48,849 | 40.5 | 4.6 |
| Female | 71,741 | 59.5 | 6.8 |
| Indigenous status ^(e) | | | |
| Indigenous Australians | 1,679 | 1.5 | 3.9 |
| Other Australians ^(f) | 112,912 | 98.5 | 5.6 |
| Country of birth | | | |
| Australia | 95,108 | 83.8 | 6.3 |
| Overseas | 18,371 | 16.2 | 3.0 |
| Remoteness area of usual residence | | | |
| Major cities | 100,028 | 85.0 | 6.9 |
| Inner regional | 13,660 | 11.6 | 3.3 |
| Outer regional | 3,262 | 2.8 | 1.7 |
| Remote | 468 | 0.4 | 1.5 |
| Very remote | 230 | 0.2 | 1.3 |
| Marital status ^(g) | | | |
| Never married | 36,164 | 37.9 | |
| Widowed | 4,913 | 5.1 | |
| Divorced | 6,958 | 7.3 | |
| Separated | 4,515 | 4.7 | |
| Married | 42,877 | 44.9 | |
| Total | 120,602 | 100.0 | 5.7 |

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

Source: National Hospital Morbidity Database.

The separation rate for females (6.8 per 1,000 population) was nearly 50% higher than that of males (4.6). Likewise, the rate of separations of Australian-born patients (6.3) was more than twice that of those born overseas (3.0).

⁽b) The number of separations for each demographic variable may not sum to the total due to missing and/or not reported data.

⁽c) The percentages shown do not include those separations for which the demographic information was missing and/or not reported.

⁽d) Rates were directly age-standardised, with the exception of age which is a crude rate, as detailed in Appendix 2.

⁽e) Only Indigenous status data for New South Wales, Victoria, Queensland, Western Australia, South Australia and public hospitals in the Northern Territory have been included in this table as they are the only jurisdictions for which the data are considered to be of sufficient quality for analysis. However, caution should be used in the interpretation of these data due to jurisdictional data quality differences. The data does not necessarily represent the national trend (see AIHW 2005).

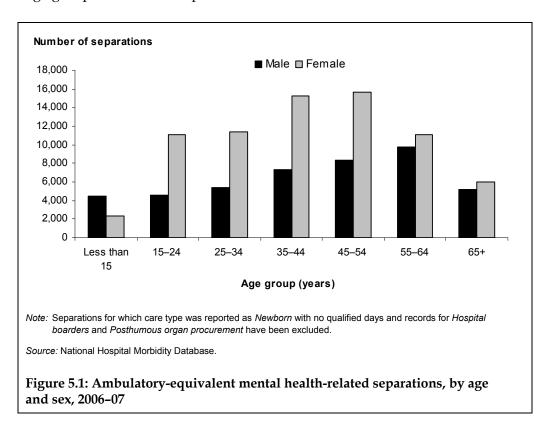
⁽f) Includes separations where Indigenous status was missing or not reported.

⁽g) Information on this data element was missing or not reported for more than 20% of separations.

^{..} Not applicable.

The data show that the typical separation involves a patient who is an Australian-born non-Indigenous female, aged 35–54 years, who is or was married at some stage of her life and lives in a major city.

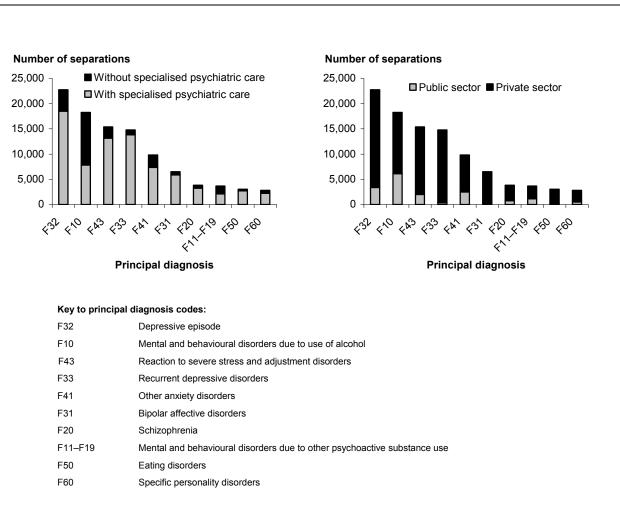
Figure 5.1 shows the number of ambulatory-equivalent mental health-related separations by age and sex. The dominance of female separations was noticeable in those aged 15–54 years. The differences evened out in separations involving people aged 55 years and older but with male separations in greater numbers. This situation was also seen in the less than 15 years age group, where male separations were dominant.



5.5 Principal diagnosis

Principal diagnosis refers to the diagnosis established after study to be chiefly responsible for the patient's episode of admitted patient care. Tables 5.4, 5.5 and 5.6 show the distribution of ambulatory-equivalent mental health-related separations by principal diagnosis, broken down by hospital type and whether they involved specialised psychiatric care. Diagnoses are classified according to the *International Statistical Classification of Diseases and Related Health Problems, 10th revision, Australian Modification* (ICD-10-AM). Further information on this classification is included in Appendix 3.

In 2006–07, the principal diagnosis of *Depressive episode* (F32) accounted for the largest number of separations (22,764 or 18.9%) across all hospitals and all separations with and without specialised psychiatric care (Table 5.6). However, for separations that did not involve specialised care, *Mental and behavioural disorders due to use of alcohol* (F10) was the leading principal diagnosis (Table 5.5).



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

Source: National Hospital Morbidity Database.

Figure 5.2: Ambulatory-equivalent mental health-related separations for the 10 most commonly reported principal diagnoses by specialised care and sector, 2006–07

The majority of separations reported by public psychiatric hospitals involved the diagnoses of *Behavioural and emotional disorders with onset usually occurring in childhood and adolescence* (F90–F98) and *Other anxiety disorders* (F41).

Figure 5.2 shows the 10 most commonly reported principal diagnoses by specialised care and sector. *Recurrent depressive disorders* (F33) was the principal diagnosis with the highest proportion of separations with specialised psychiatric care (93.7%). *Mental and behavioural disorders due to use of alcohol or other psychoactive substance use* (F10 and F11–F19) were the only commonly reported principal diagnoses having a markedly higher proportion of separations that did not involve specialised psychiatric care (57.1% and 42.4%, respectively). These were also the two principal diagnoses with higher proportions of separations reported by the public sector (more than 30%). The private sector accounted for the majority of separations for all the commonly reported diagnoses.

Table 5.4: Ambulatory-equivalent mental health-related separations(a) with specialised psychiatric care, by principal diagnosis and hospital type, 2006-07

| | | Public acute Public psychiatric | sychiatric | Private | | Per cent of |
|--------------------|---|---------------------------------|---------------|-----------|--------|-------------|
| ICD-10-AM code | Principal diagnosis description | hospitals | hospitals | hospitals | Total | separations |
| F00-F03 | Dementia | 0 | _ | 115 | 116 | 0.1 |
| F04-F09 | Other organic mental disorders | 9 | ~ | 112 | 119 | 0.1 |
| F10 | Mental and behavioural disorders due to use of alcohol | 199 | 28 | 7,605 | 7,832 | 8.5 |
| F11-F19 | Mental and behavioural disorders due to other psychoactive substance use | 88 | 6 | 2,011 | 2,108 | 2.3 |
| F20 | Schizophrenia | 240 | 18 | 2,982 | 3,240 | 3.5 |
| F21, F24, F28, F29 | 29 Schizotypal and other delusional disorders | 1 | 0 | 204 | 215 | 0.2 |
| F22 | Persistent delusional disorders | 4 | ~ | 167 | 172 | 0.2 |
| F23 | Acute and transient psychotic disorders | | ~ | 231 | 243 | 0.3 |
| F25 | Schizoaffective disorders | 9/ | 3 | 2,376 | 2,455 | 2.7 |
| F30 | Manic episode | 13 | 0 | 82 | 95 | 0.1 |
| F31 | Bipolar affective disorders | 53 | 4 | 5,826 | 5,883 | 6.4 |
| F32 | Depressive episode | 864 | 9 | 17,647 | 18,517 | 20.1 |
| F33 | Recurrent depressive disorders | 93 | ~ | 13,764 | 13,858 | 15.0 |
| F34 | Persistent mood (affective) disorders | 83 | 0 | 1,556 | 1,639 | 1.8 |
| F38-F39 | Other and unspecified mood (affective) disorders | 49 | 0 | 314 | 363 | 4.0 |
| F40 | Phobic anxiety disorders | 156 | 0 | 407 | 563 | 9.0 |
| F41 | Other anxiety disorders | 244 | 336 | 6,790 | 7,370 | 8.0 |
| F42 | Obsessive-compulsive disorders | 6 | 0 | 637 | 646 | 0.7 |
| F43 | Reaction to severe stress and adjustment disorders | 629 | 25 | 12,524 | 13,178 | 14.3 |
| F44 | Dissociative (conversion) disorders | _ | 0 | 663 | 664 | 0.7 |
| F45, F48 | Somatoform and other neurotic disorders | 25 | 0 | 99 | 81 | 0.1 |
| F50 | Eating disorders | 4 | 0 | 2,714 | 2,718 | 2.9 |
| F51-F59 | Other behavioural syndromes associated with physiological disturbances and physical factors | _ | 0 | 322 | 323 | 0.3 |
| F60 | Specific personality disorders | 149 | 4 | 2,106 | 2,259 | 2.4 |
| F61-F69 | Disorders of adult personality and behaviour | 2 | 0 | 258 | 263 | 0.3 |
| F70-F79 | Mental retardation | က | 0 | 0 | က | 0.0 |
| F80-F89 | Disorders of psychological development | 69 | 8 | 61 | 224 | 0.2 |
| F90 | Hyperkinetic disorders | 369 | 346 | 51 | 992 | 0.8 |
| F91 | Conduct disorders | 965 | 186 | 2 | 1,153 | 1.2 |
| F92-F98 | Other and unspecified disorders with onset in childhood or adolescence | 179 | 282 | 13 | 474 | 0.5 |
| F99 | Mental disorder not otherwise specified | 6 | 0 | 4 | 13 | 0.0 |
| G30 | Alzheimer's disease | 0 | 0 | 591 | 591 | 9.0 |
| | Other factors related to mental and behavioural disorders and substance use ^(b) | 51 | 78 | 44 | 173 | 0.2 |
| | Other specified mental health-related principal diagnosis ^(c) | 15 | 0 | 0 | 15 | 0.0 |
| | Other ^(d) | 264 | 123 | 3,585 | 3,972 | 4.3 |
| Total | | 4,937 | 1,547 | 85,820 | 92,304 | 100 |
| (a) Separations | Separations for which care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded | thumous organ procurement | t have been e | xcluded. | | |

Separations for which care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded. Includes ICD-10-AM codes 200.4, 203.2, 204.6, 209.3, 213.3, 254.3, 263.1, 263.8, 265.8, 265.9, 271.4, 271.5 and 276.0. Separations for which care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Postnumous* c (a) Includes ICD-10-AM codes 200.4, 203.2, 204.6, 209.3, 213.3, 254.3, 263.1, 263.8, 265.9, 265.8, 265.9, 271.4, 271.5 and 276.0. (b) Includes separations for which the principal diagnosis was any other mental health-related principal diagnosis as listed in Appendix 4. (d) Includes all other codes not included as a mental health-related principal diagnosis as listed in Appendix 4. *Source*: National Hospital Morbidity Database.

Table 5.5: Ambulatory-equivalent mental health-related separations(a) without specialised psychiatric care, by principal diagnosis and hospital type, 2006-07

| | | Dublic acute | Dublic peychiatric | Drivato | | Dor cont of |
|--------------------|---|--------------|--------------------|-----------|--------|-------------|
| ICD-10-AM code | Principal diagnosis description | | hospitals | hospitals | Total | separations |
| F00-F03 | Dementia | 94 | 0 | 2 | 96 | 0.3 |
| F04-F09 | Other organic mental disorders | 91 | 0 | က | 8 | 0.3 |
| F10 | Mental and behavioural disorders due to use of alcohol | 5,901 | 15 | 4,505 | 10,421 | 36.8 |
| F11-F19 | Mental and behavioural disorders due to other psychoactive substance use | 1,015 | - | 523 | 1,549 | 5.5 |
| F20 | Schizophrenia | 503 | က | 88 | 295 | 2.1 |
| F21, F24, F28, F29 | 9 Schizotypal and other delusional disorders | 123 | 0 | 15 | 138 | 0.5 |
| F22 | Persistent delusional disorders | 65 | 0 | 0 | 65 | 0.2 |
| F23 | Acute and transient psychotic disorders | 127 | 0 | 9 | 133 | 0.5 |
| F25 | Schizoaffective disorders | 193 | _ | 96 | 290 | 1.0 |
| F30 | Manic episode | 35 | 0 | 0 | 35 | 0.1 |
| F31 | Bipolar affective disorders | 191 | _ | 441 | 633 | 2.2 |
| F32 | Depressive episode | 2,523 | 0 | 1,724 | 4,247 | 15.0 |
| F33 | Recurrent depressive disorders | 245 | 0 | 687 | 932 | 3.3 |
| F34 | Persistent mood (affective) disorders | 123 | က | 111 | 237 | 0.8 |
| F38-F39 | Other and unspecified mood (affective) disorders | 34 | _ | 21 | 26 | 0.2 |
| F40 | Phobic anxiety disorders | 12 | 0 | 32 | 4 | 0.2 |
| F41 | Other anxiety disorders | 1,924 | 0 | 533 | 2,457 | 8.7 |
| F42 | Obsessive-compulsive disorders | 7 | _ | 1 | 23 | 0.1 |
| F43 | Reaction to severe stress and adjustment disorders | 1,337 | 12 | 861 | 2,210 | 7.8 |
| F44 | Dissociative (conversion) disorders | 153 | ~ | 7 | 161 | 9.0 |
| F45, F48 | Somatoform and other neurotic disorders | 135 | 0 | 7 | 137 | 0.5 |
| F50 | Eating disorders | 251 | 0 | 09 | 311 | <u></u> |
| F51-F59 | Other behavioural syndromes associated with physiological disturbances and physical factors | 52 | 0 | 72 | 106 | 4.0 |
| F60 | Specific personality disorders | 344 | 5 | 220 | 269 | 2.0 |
| F61-F69 | Disorders of adult personality and behaviour | 35 | 0 | o | 4 | 0.2 |
| F70-F79 | Mental retardation | 24 | 2 | 0 | 56 | 0.1 |
| F80-F89 | Disorders of psychological development | 40 | 0 | 0 | 40 | 0.1 |
| F90 | Hyperkinetic disorders | 13 | 0 | 0 | 13 | 0.0 |
| F91 | Conduct disorders | 06 | 0 | 0 | 06 | 0.3 |
| F92-F98 | Other and unspecified disorders with onset in childhood or adolescence | 20 | 0 | ~ | 51 | 0.2 |
| F99 | Mental disorder not otherwise specified | 46 | 0 | ~ | 47 | 0.2 |
| G30 | | 36 | 0 | 2 | 38 | 0.1 |
| | Other factors related to mental and behavioural disorders and substance use ^(b) | 182 | 0 | ~ | 183 | 9.0 |
| | Other specified mental health-related principal diagnosis ^(c) | 1,741 | 0 | 486 | 2,227 | 7.9 |
| Total | | 17,739 | 26 | 10,503 | 28,298 | 100 |

Separations for which care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded.
Includes ICD-10-AM codes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z63.1, Z63.8, Z65.9, Z65.9, Z71.4, Z71.5, and Z76.0.
Includes separations for which the principal diagnosis was any other mental health-related principal diagnosis as listed in Appendix 4.
Source: National Hospital Morbidity Database.

Table 5.6: Ambulatory-equivalent mental health-related separations^(a) with and without specialised psychiatric care, by principal diagnosis and hospital type, 2006-07

| | | Public acute Dublic psychiatric | histric | Drivato | | Dor cont of |
|--------------------|---|---------------------------------|-----------|-------------|---------|-------------|
| ICD-10-AM code | Principal diagnosis description | hospitals ho | hospitals | hospitals | Total | separations |
| F00-F03 | Dementia | 94 | - | 117 | 212 | 0.2 |
| F04-F09 | Other organic mental disorders | 26 | _ | 115 | 213 | 0.2 |
| F10 | Mental and behavioural disorders due to use of alcohol | 6,100 | 43 | 12,110 | 18,253 | 15.1 |
| F11-F19 | Mental and behavioural disorders due to other psychoactive substance use | 1,103 | 20 | 2,534 | 3,657 | 3.0 |
| F20 | Schizophrenia | 743 | 21 | 3,071 | 3,835 | 3.2 |
| F21, F24, F28, F29 | 9 Schizotypal and other delusional disorders | 134 | 0 | 219 | 353 | 0.3 |
| F22 | Persistent delusional disorders | 69 | _ | 167 | 237 | 0.2 |
| F23 | Acute and transient psychotic disorders | 138 | _ | 237 | 376 | 0.3 |
| F25 | Schizoaffective disorders | 269 | 4 | 2,472 | 2,745 | 2.3 |
| F30 | Manic episode | 48 | 0 | 82 | 130 | 0.1 |
| F31 | Bipolar affective disorders | 244 | 2 | 6,267 | 6,516 | 5.4 |
| F32 | Depressive episode | 3,387 | 9 | 19,371 | 22,764 | 18.9 |
| F33 | Recurrent depressive disorders | 338 | _ | 14,451 | 14,790 | 12.3 |
| F34 | Persistent mood (affective) disorders | 206 | က | 1,667 | 1,876 | 1.6 |
| F38-F39 | Other and unspecified mood (affective) disorders | 83 | _ | 335 | 419 | 0.3 |
| F40 | Phobic anxiety disorders | 168 | 0 | 439 | 209 | 0.5 |
| F41 | Other anxiety disorders | 2,168 | 336 | 7,323 | 9,827 | 8.1 |
| F42 | Obsessive-compulsive disorders | 20 | _ | 648 | 699 | 9.0 |
| F43 | Reaction to severe stress and adjustment disorders | 1,966 | 37 | 13,385 | 15,388 | 12.8 |
| F44 | Dissociative (conversion) disorders | 154 | _ | 029 | 825 | 0.7 |
| F45, F48 | Somatoform and other neurotic disorders | 160 | 0 | 28 | 218 | 0.2 |
| F50 | Eating disorders | 255 | 0 | 2,774 | 3,029 | 2.5 |
| F51-F59 | Other behavioural syndromes associated with physiological disturbances and physical factors | 53 | 0 | 376 | 429 | 4.0 |
| F60 | Specific personality disorders | 493 | 6 | 2,326 | 2,828 | 2.3 |
| F61-F69 | Disorders of adult personality and behaviour | 40 | 0 | 267 | 307 | 0.3 |
| F70-F79 | Mental retardation | 27 | 5 | 0 | 58 | 0.0 |
| F80-F89 | Disorders of psychological development | 109 | 94 | 61 | 264 | 0.2 |
| F90 | Hyperkinetic disorders | 382 | 346 | 51 | 779 | 9.0 |
| F91 | Conduct disorders | 1,055 | 186 | 7 | 1,243 | 1.0 |
| F92-F98 | Other and unspecified disorders with onset in childhood or adolescence | 229 | 282 | | 525 | 0.4 |
| F99 | Mental disorder not otherwise specified | 55 | 0 | 2 | 09 | 0.0 |
| G30 | Alzheimer's disease | 36 | 0 | 593 | 629 | 0.5 |
| | Other factors related to mental and behavioural disorders and substance use ^(b) | 233 | 78 | 45 | 356 | 0.3 |
| | Other specified mental health-related principal diagnosis ^(c) | 1,756 | 0 | 486 | 2,242 | 6.1 |
| | Other ^(d) | 264 | 123 | 3,585 | 3,972 | 3.3 |
| Total | | 22,676 | 1,603 | 96,323 | 120,602 | 100 |

 ⁽a) Separations for which care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded.
(b) Includes ICD-10-AM codes Z00.4, Z03.2, Z04.6, Z09.3, Z13.3, Z54.3, Z63.9, Z65.8, Z65.9, Z71.4, Z71.5, and Z76.0.
(c) Includes separations for which the principal diagnosis was any other mental health-related principal diagnosis as listed in Appendix 4.
(d) Includes all other codes not included as a mental health-related principal diagnosis as listed in Appendix 4.
Source: National Hospital Morbidity Database.

5.6 Procedures

Table 5.7 details the number of separations relating to the 10 procedures (or interventions) most frequently reported for ambulatory-equivalent mental health-related hospital separations. The procedures are classified according to the *Australian Classification of Health Interventions*, 5th edition. Further information on the classification is included in Appendix 3.

A total of 60,032 procedures were reported in relation to 51,216 separations. This reflects the fact that more than one procedure can be reported for each separation, with an average of 1.2 procedures being reported. No procedures were reported for 57.5% (69,386 out of 120,602) of the separations. The most frequently reported procedure was *Cognitive behaviour therapy* (16,462 procedures for 16,461 separations).

Table 5.7: The 10 most frequently reported procedures for ambulatory-equivalent mental health-related separations^(a), 2006–07

| | Procedu | res ^(b) | Separatio | ons ^{(b) (c)} |
|---|---------|--------------------|-----------|------------------------|
| Procedure | Number | Per cent | Number | Per cent |
| 96101–00 Cognitive behaviour therapy | 16,462 | 27.4 | 16,461 | 13.6 |
| 96180–00 Other psychotherapies or psychosocial therapies | 7,876 | 13.1 | 7,871 | 6.5 |
| 96185–00 Supportive psychotherapy, not elsewhere classified | 5,258 | 8.8 | 5,253 | 4.4 |
| 96001–00 Psychological skills training | 4,763 | 7.9 | 4,763 | 3.9 |
| 92002–00 Alcohol rehabilitation | 3,565 | 5.9 | 3,564 | 3.0 |
| 96090–00 Other counselling or education | 3,545 | 5.9 | 3,545 | 2.9 |
| 95550-10 Allied health intervention, psychology | 3,387 | 5.6 | 3,387 | 2.8 |
| 96073–00 Substance addiction counselling or education | 2,824 | 4.7 | 2,824 | 2.3 |
| 96175-00 Mental/behavioural assessment | 2,230 | 3.7 | 2,230 | 1.8 |
| 96177–00 Interpersonal psychotherapy | 2,061 | 3.4 | 2,060 | 1.7 |
| Other reported procedures | 8,061 | 13.4 | 8,052 | 6.7 |
| | | Total | s | |
| Number of separations with at least one procedure | | | 51,216 | 42.5 |
| Number of procedures with no procedure reported | | | 69,386 | 57.5 |
| Total | 60,032 | 100.0 | 120,602 | 100.0 |

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

Source: National Hospital Morbidity Database.

⁽b) The number of procedures may not equal the number of separations, as the same procedure may have been performed more than once for each separation.

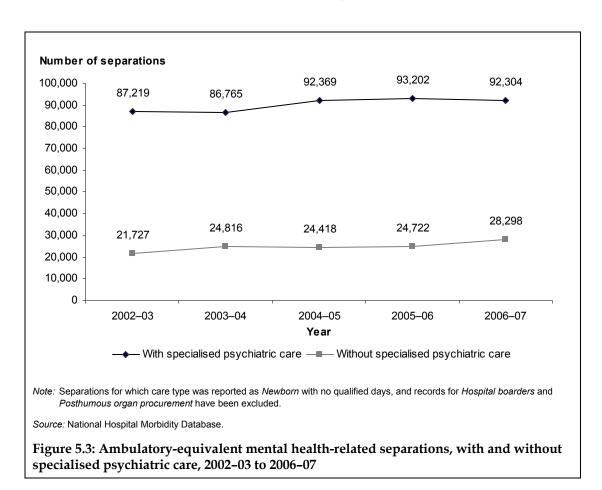
⁽c) The sum of the number of separations is not necessarily equivalent to the total, as multiple procedures can be reported for each separation.

^{..} Not applicable.

5.7 Change over time, 2002–03 to 2006–07

Figure 5.3 depicts the number of ambulatory-equivalent mental health-related separations, with and without specialised care from 2002–03 to 2006–07. It should be noted that the scope of the data collection and the actual definitions used by the data providers may vary from year to year. Consequently, caution should be exercised when making comparisons between reporting years.

The total number of ambulatory-equivalent mental health-related separations increased by 10.7% between 2002–03 (108,946) and 2006–07 (120,602). Separations involving specialised psychiatric care increased by 5.8% during the same period. A marked increase (30.2%) was observed for separations without specialised psychiatric care.



5.8 Additional data

Additional tables containing data on ambulatory-equivalent mental health-related separations are available from the Australian Institute of Health and Welfare (AIHW) website. Additional data on ambulatory-equivalent mental health-related separations from the NHMD can also be accessed via interactive data cubes on the AIHW website. The data cubes allow users to create customised tables based on the number of separations by age group, sex, sector, mental health legal status, year and type of separation, for each principal diagnosis. Section 1.5 details how to access these additional resources.