

# 9 Principal diagnoses for admitted patients

## Introduction

The principal diagnosis is defined as the diagnosis established, after study, to be chiefly responsible for the patient's hospitalisation. Data on principal diagnoses provide information on the diseases and conditions for which hospitalisations occur and can provide an indirect measure of community morbidity.

The principal diagnosis is usually a disease, injury or poisoning, but can also be the specific care or service provided for a current condition (for example, dialysis for renal disease), or other reasons for hospitalisation.

Principal diagnoses for 2005–06 were classified, coded and reported to the National Hospital Morbidity Database by all states and territories using the fourth edition of the *International statistical classification of diseases and related health problems, 10th revision, Australian modification* (ICD-10-AM) (NCCH 2004). Information about the quality of the ICD-10-AM coded data is presented in Appendix 1.

The ICD-10-AM disease classification is hierarchical, with a small number of summary disease chapters that are divided into a large number of more specific disease groupings (represented by 3-character codes). Most of the 3-character disease groupings can be divided into an even larger number of very specific disease categories represented by 4- and 5-character codes. The tables and figures in this chapter use the codes and abbreviated descriptions of the ICD-10-AM disease classification. Full descriptions of the categories are available in the ICD-10-AM publication (NCCH 2004).

Most of the information is presented using two methods of grouping records based on the ICD-10-AM disease classification:

- ICD-10-AM disease chapters – these 20 groups provide information aggregated at the ICD-10-AM chapter level (Tables 9.1 to 9.4 and Table 9.22)
- 3-character ICD-10-AM groupings – 2,055 categories describe the diseases at a specific level. Detailed information is presented for the 30 of these groups with the highest number of separations (Tables 9.5 to 9.11 and Tables 9.13 to 9.18). Summary information is provided for all the groups (for which separations were reported) on the Internet at <[www.aihw.gov.au](http://www.aihw.gov.au)> (Tables S9.1 to S9.4).

In addition, Table 9.12 uses a mixture of ICD-10-AM chapters, 3- and 4-character categories and other groupings to present information on diagnoses reported for public psychiatric hospitals.

Tables are presented with summary separation, patient day and length of stay statistics for public and private hospitals, nationally and by state and territory. National information on age group and sex distributions is also presented, as well as separation statistics by Indigenous status. Information on public patients in Tables 9.1 to 9.2 and Tables 9.7 to 9.12 relates to separations for which the patient election status was reported as public (see Chapter 7).

## Principal diagnosis and other data elements reported for separations

The information on principal diagnosis reported in this chapter is compiled in the National Hospital Morbidity Database with a range of other data. Figure 9.1 demonstrates this using the example of the principal diagnosis *E11 Type 2 diabetes mellitus*. There were 55,259 separations with this principal diagnosis, with an average length of stay of 5.3 days. A total of 45.9% of separations were for females, compared with the 53.0% in hospitals overall (Table 8.1). Just over 64% of separations with this principal diagnosis were in the public sector and nearly all patients (98.5%) had a care type of *Acute care*. A majority of patients (88.1%) with this diagnosis had a separation mode of *Other*, suggesting that these patients went home after separation from the hospital. A substantial proportion (5.8%) were discharged/transferred to an(other) acute hospital and 1.8% died. *Type 2 diabetes mellitus* (E11) and *Essential (primary) hypertension* (I10) were the most common additional diagnoses. The most common procedure performed was *Cerebral anaesthesia* (Block 1910) and the most commonly reported AR-DRG was *Lens Procedures, Sameday* (C16B).

## ICD-10-AM chapters

### Sector

Tables 9.1 and 9.2 provide a summary of the separations and patient days reported for each of the ICD-10-AM disease chapters.

In the public sector (Table 9.1), *Factors influencing health status and contact with health services* (Z00–Z99) stands out as a high-volume group (1,142,976 separations, 558.8 separations per 10,000 population) and for its high use of beds (1,636.2 patient days per 10,000 population), although the average length of stay was low (2.9 days). This is attributable to the large number of same-day separations for *Care involving dialysis* (Z49) and *Other medical care* (Z51) which includes chemotherapy (Table 9.9). Although having relatively small numbers of separations, *Mental and behavioural disorders* (F00–F99) (171,488 separations, 83.8 separations per 10,000 population) had a high use of beds (934.2 patient days per 10,000 population) and had a relatively long average length of stay (11.1 days).

In the private sector (Table 9.2), *Factors influencing health status and contact with health services* (Z00–Z99) also recorded the highest number of separations (634,185). High numbers of separations were also reported for *Diseases of the digestive system* (K00–K93) (437,925) and *Neoplasms* (C00–D48) (261,361). The highest numbers of patient days were recorded for *Factors influencing health status and contact with health services* (Z00–Z99) (1,302,885), *Neoplasms* (C00–D48) (785,281), and *Diseases of the musculoskeletal system and connective tissue* (M00–M99) (716,794).

The chapters with the highest proportions of separations in the public sector were *Certain infectious and parasitic diseases* (A00–B99) (86.0%, 82,711) and *Injury, poisoning and certain other consequence of external causes* (S00–T98) (81.5%, 394,364). The groups with the highest proportions of separations in the private sector was *Diseases of the eye and adnexa* (H00–H59) (68.2%, 140,068) and *Diseases of the musculoskeletal system and connective tissue* (M00–M99) (59.3%, 233,765) (derived from Tables 9.1 and 9.2).

The highest proportion of public patients in public hospitals was for *Mental and behavioural disorders* (F00–F99) (93.5%), and the lowest was for *Diseases of the eye and adnexa* (H00–H59) (78.3%). The highest proportion of public patients in private hospitals was for *Factors influencing health status and contact with health services* (Z00–Z99) (8.2%).

## States and territories

Tables 9.3 and 9.4 contain detail on the pattern of hospital use in the states and territories for the diagnosis chapters, in both the public and private sectors. These tables enable comparisons of overall hospital use state by state for the different diagnosis groups, and the share of separations between the private and public sectors. For example, the proportions of separations for *Diseases of the respiratory system* (J00–J99) in public hospitals (rather than private hospitals) was higher in New South Wales (82.7%, 90,819) than in Queensland (66.7%, 41,547).

## High-volume diagnoses

### Changes from 2001–02 to 2005–06

Table 9.5 presents the 30 principal diagnoses at the 3-character level of the ICD-10-AM classification with the largest changes in the numbers of separations for public or private hospitals (or both) between 2001–02 and 2005–06. The principal diagnoses in this table recorded either increases for both sectors, an increase for one sector and a decrease for the other sector, or decreases for both sectors.

The number of separations for 24 of the 30 principal diagnoses increased over the 5-year period, in both the public and private sectors, with increases generally greater in private hospitals.

There was an increase in the number of separations in the private sector and a decrease in the number of separations in the public sector for three of the principal diagnoses presented in Table 9.5. For example, there were 27,195 separations for *Medical abortion* (O04) in private hospitals in 2001–02 compared with 37,335 separations in 2005–06, an increase of 10,140. In 2002–03 there were 10,545 more private hospital separation reported for *Medical abortion* (O04) than in 2001–02. This apparent increase and also the large increase that occurred between 2000–01 and 2001–02 (AIHW 2006a) would have been affected by the registration of relevant facilities as hospitals for the first time in Queensland in 2001 and in Victoria in 2002–03. These facilities had previously been categorised as non-hospital facilities and were therefore out of scope for the National Hospital Morbidity Database. The number of separations for this principal diagnosis in public hospitals decreased by 3,008, from 15,672 in 2001–02 to 12,664 in 2005–06.

The number of separations decreased in both public and private hospitals between 2001–02 and 2005–06 for the principal diagnoses of *Family history of malignant neoplasm* (Z80) and *Angina pectoris* (I20).

Table 9.6 presents the 30 principal diagnoses at the 3-character level of the ICD-10-AM classification with the largest changes in the total number of separations for either public or private patients (or both), for all hospitals between 2001–02 and 2005–06.

The number of separations increased over the 5-year period, for 28 of the principal diagnoses for private patients and 24 for public patients, with increases generally greater for private patients.

There was an increase in the number of separations for private patients and a decrease in the number of separations for public patients for four of the principal diagnoses presented in Table 9.6. For example, there were 58,771 separations for *Care involving use of rehabilitation procedures* (Z50) for private patients in 2001–02 compared with 98,334 separations in 2005–06, an increase of 39,563. The number of separations for this principal diagnosis for public patients decreased by 5,534, from 62,240 in 2001–02 to 56,706 in 2005–06.

The number of separations decreased for both private and public patients between 2001–02 and 2005–06 for the principal diagnoses *Family history of malignant neoplasm* (Z80) and *Angina pectoris* (I20).

## Sector

Tables 9.7 to 9.11 contain summary separation, patient day and average length of stay statistics for the 30 principal diagnoses with the most separations in public, private and private free-standing day hospitals at the 3-character level of the ICD-10-AM classification. Tables 9.7 and 9.8 also provide information on the top 30 diagnoses for overnight and same-day separations in the public and private sectors.

In the public sector, the principal diagnoses with the highest number of overnight separations was *Care involving use of rehabilitation procedures* (Z50) (53,834), followed by *Pain in throat and chest* (R07) (48,605) (Table 9.7). The highest numbers of patient days were reported for *Care involving use of rehabilitation procedures* (Z50) (1,348,289), for which the average length of stay was 25.0 days.

In the private sector (Table 9.8), the most frequently reported principal diagnosis for overnight separations was *Care involving use of rehabilitation procedures* (Z50) (34,265). *Sleep disorders* (G47) (32,939) was the next most frequently reported principal diagnosis. The highest number of patient days and the longest average length of stay were reported for *Care involving use of rehabilitation procedures* (Z50) (558,997 and 16.3 days).

Table 9.9 reports the principal diagnoses with the highest number of same-day separations in the public sector. It shows that the top principal diagnosis was *Care involving dialysis* (Z49) (731,925), followed by *Other medical care* (Z51) (137,043). Comparing this table with Table 9.7, it can be seen that the top 30 principal diagnoses for overnight separations and same-day separations are different, suggesting that there are differences in the types of principal diagnoses that are most commonly treated on a same-day basis compared with those that are not. In the private sector (Table 9.10), *Other medical care* (Z51) (164,270) had the highest number of same-day separations, followed by *Care involving dialysis* (Z49) (153,566).

Of the top 30 principal diagnosis in public hospitals, the highest proportion of same-day separations that were for public patients was for *Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium* (O99) (96.8%), and the lowest was for *Other cataract* (H26) (77.6%). In private hospitals, the highest proportion of same-day separations that were for public patients was for *Care involving dialysis* (Z49) (27.1%).

The most common principal diagnoses groups in private free-standing day hospitals were *Care involving dialysis* (Z49) (50,231) and *Other medical care* (Z51) (37,378) (Table 9.11). Of the

30 principal diagnoses in private free-standing day hospital facilities, the proportion for public patients was highest for *Care involving dialysis* (Z49) (31.4%).

Table 9.12 presents information on public psychiatric hospitals. About 95.1% of separations in public psychiatric hospitals were for public patients and most diagnoses were in the *Mental and behavioural disorders* chapter (F00–F99) (88.4%). *Schizophrenia* (F20) was the most common diagnosis reported (3,249) and accounted for more patient days than any other group (219,475). The average length of stay was high for most of the disease groups and only 12.1% of separations (1,883) were same-day separations, compared with 49.6% in public hospitals overall (Table 9.1).

Separations in public psychiatric hospitals include some with very long lengths of stay, up to several years. Hence, the average length of stay data should be interpreted with caution, taking into consideration the inclusion of some very long stay and non-acute separations.

## States and territories

There was some variation between the states and territories in the relative number of separations for the most common diagnoses (Tables 9.13 and 9.14) and in the average length of stay for separations for the most common diagnoses (Tables 9.15 and 9.16). For example, in the public sector, the average length of stay for *Care involving use of rehabilitation procedures* (Z50) ranged from 7.1 days in the Northern Territory to 27.1 days in Tasmania. The average length of stay in the private sector for *Care involving use of rehabilitation procedures* (Z50) ranged from 5.1 days in New South Wales to 22.2 days in Western Australia.

## Age group and sex

In Tables 9.17 and 9.18, information is presented on the number of separations for the 30 most common principal diagnoses at the 3-character level of the ICD-10-AM classification by age group and sex. These tables show a number of different patterns in the age distributions of separations for the various groups. For example, patients admitted for *Angina pectoris* (I20) were mostly in the older age groups. Other groups of diseases peaked in different age groups, for example *Single spontaneous delivery* (O80) peaked in the 25–34 years age group for females, *Internal derangement of knee* (M23) in the 45–54 years age group for males and *Embedded and impacted teeth* (K01) in the 15–24 years age group for both females and males.

These tables also indicate the relative importance of the disease groups as causes of hospitalisation for each sex and age group. For example, *Care involving dialysis* (Z49) and *Other medical care* (Z51) were common in most age groups. In males aged over 75 years other common diagnoses were *Other cataract* (H26) and *Other malignant neoplasms of the skin* (C44). For females in the 1–4 age group, *Pneumonia, organism unspecified* (J18) and *Other disorders of the urinary system* (N39) were relatively common diagnoses.

## Renal failure

Data for separations relating to renal failure are presented in Tables 9.19 to 9.21, illustrating the impact of this condition on hospitals in Australia. These tables present data on *Acute renal failure*, *Chronic and unspecified renal failure* and *Care involving dialysis* separations for the states and territories (Table 9.19), Remoteness Area of usual residence of the patient (Table 9.20), and the quintile of socioeconomic advantage/disadvantage of the area of usual residence

(see Appendix 1) (Table 9.21). These tables also include the standardised separation rate ratio (SRR) against the national total as well as the 95% confidence interval of the SRR. The dialysis separations do not include dialysis occasions of service reported as non-admitted patient occasions of service (Tables 2.5 and 5.11) or dialysis performed at non-hospital facilities.

Table 9.19 shows that there were 6,257 separations for *Acute renal failure*, 8,277 for *Chronic and unspecified renal failure* and 887,115 for *Care involving dialysis* (12.1% of separations overall, 16.4% for public hospitals and 5.4% for private hospitals (Table 9.5)). The highest rates for all of these in public hospitals were in the Northern Territory.

Table 9.20 highlights that separation rates were higher for the more remote areas for each category. In the public sector, the Remoteness Area of usual residence with the highest separation rate for *Acute renal failure*, *Chronic and unspecified renal failure*, and *Care involving dialysis* was *Very remote* (0.58, 1.86 and 135.61 separations per 1,000 population respectively).

In the private sector, *Major cities* and *Inner regional* areas had the highest separation rates for *Acute renal failure* (0.04 each); *Inner regional* had the highest rate for *Chronic and unspecified renal failure* (0.07); *Remote* had the highest for *Care involving dialysis* (15.39).

Table 9.21 presents these data by quintile of socioeconomic advantage/disadvantage. The *Most disadvantaged* quintile represents the areas containing the 20% of the population with the least advantage/most disadvantage and the *Most advantaged* quintile represents the areas containing the 20% of the population with the least disadvantage/most advantage. The *Most disadvantaged* quintile had the highest separation rates for *Acute renal failure* and *Chronic renal failure*. *Care involving dialysis* had the highest separation rate in the *Middle quintile*.

## Aboriginal and Torres Strait Islander people

Table 9.22 reports separation statistics by Indigenous status. These statistics are presented for Queensland, Western Australia, South Australia and public hospitals in the Northern Territory (see Chapter 8 for more information). Note that data presented here are not necessarily representative of the jurisdictions excluded.

The most common principal diagnosis for patients identified as Indigenous was *Care involving dialysis* (Z49) (84,668). This represented approximately 46.0% of all separations for patients identified as Indigenous compared with 10.7% of separations for other patients. The next most common was *Injury, poisoning and certain other consequences of external causes* (S00–T98) (13,819) which represented 7.5% of all separations for patients identified as Indigenous.

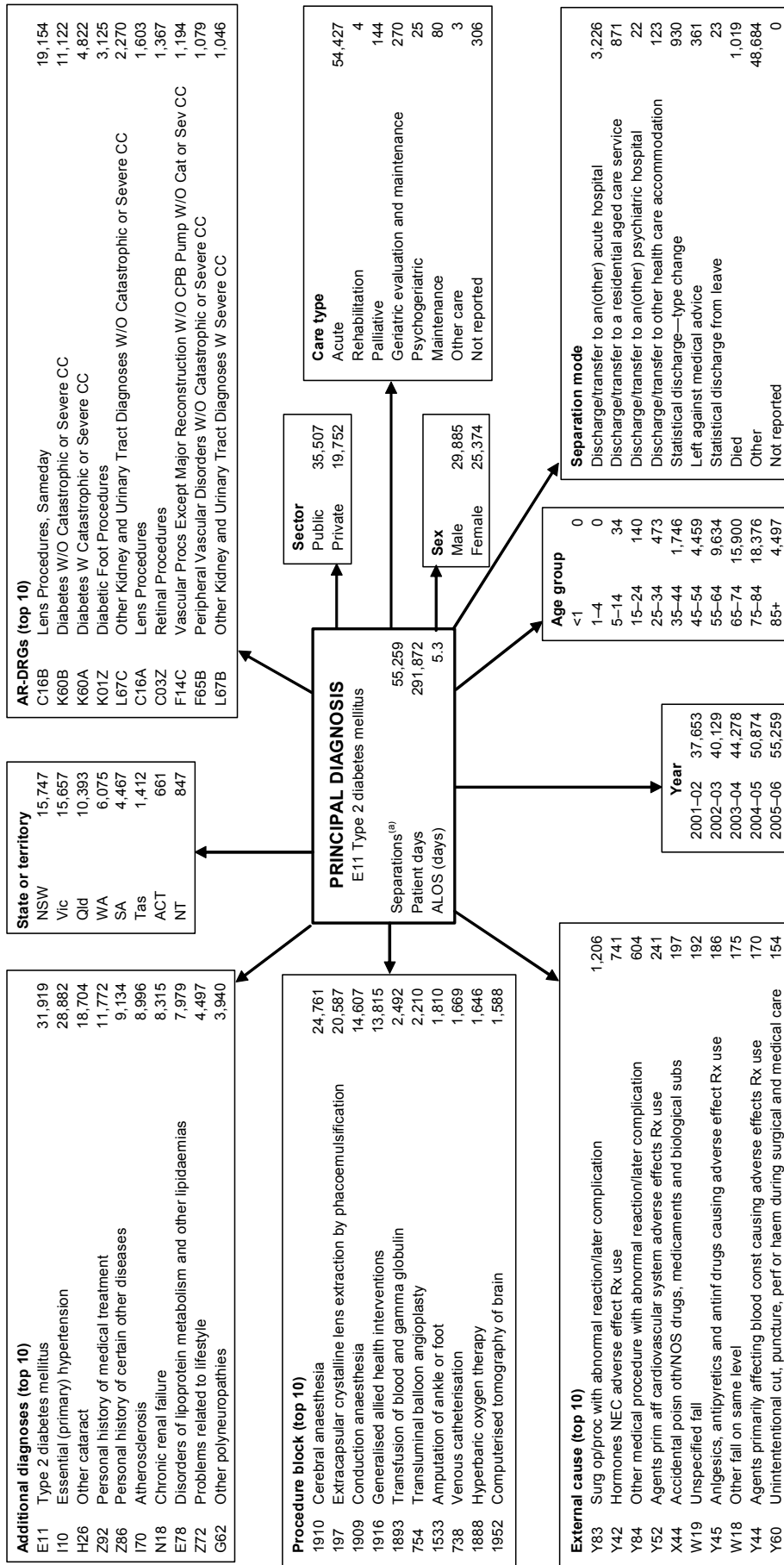
The age-standardised separation rates for persons identified as Indigenous were relatively high for the majority of the principal diagnosis chapters. As indicated in the rate ratios, these people were more than 15 times as likely to be hospitalised with a principal diagnosis of *Care involving dialysis*.

## Additional data

The accompanying tables on the Internet at <[www.aihw.gov.au](http://www.aihw.gov.au)> provide national summary statistics for public and private hospitals for each 3-character ICD-10-AM disease code.

For access to more diagnosis data, the website also contains an Interactive National Hospital Morbidity Data page which contains links to a number of data cubes containing information

on the principal diagnoses of patients admitted to Australian hospitals. Data in the form of counts of separations, patient days and average length of stay are available on all principal diagnoses of patients by age group, sex and same-day status. Principal diagnosis information is available at the broader ICD-10-AM chapter level through to the more specific 5-character level (where applicable). The source of these data is the National Hospital Morbidity Database.



(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital Boarders* and *Posthumous organ procurement* have been excluded.  
 Abbreviations: ALOS—average length of stay; antinf—anti-inflammatory; Cat or Sev—catastrophic or severe; CC—complication or comorbidity; cons—constituents; CPB—cardiopulmonary by-pass; haem—haemorrhage; prim aff—primarily affecting; NEC—not elsewhere classified; NOS—not otherwise stated; oth—other; perf—perforation; poisn—poisoning; procs—procedures; W—with; W/O—without surg op/proc—surgical operation and other surgical procedures; W—without

**Figure 9.1: Interrelationships of a principal diagnosis (E11 Type 2 diabetes mellitus) with other data elements, all hospitals, Australia, 2005-06**

**Table 9.1: Selected separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, public hospitals, Australia, 2005–06**

Principal diagnosis	Separations		Same-day separations		Public patient separations		Separations per 10,000 population <sup>(b)</sup>		Patient days per 10,000 population <sup>(b)</sup>		ALOS (days)	
			separations	separations	separations	separations	per 10,000 population <sup>(b)</sup>	per 10,000 population <sup>(b)</sup>	days	population <sup>(b)</sup>	ALOS (days)	excluding same-day
A00–B99	Certain infectious and parasitic diseases	82,711	20,192	72,723	40.4	320,752	156.8	3.9	4.8			
C00–D48	Neoplasms	249,151	111,563	208,584	121.8	1,251,218	611.8	5.0	8.3			
D50–D89	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	62,191	40,030	52,869	30.4	156,546	76.5	2.5	5.3			
E00–E90	Endocrine, nutritional and metabolic diseases	85,499	33,054	73,667	41.8	433,831	212.1	5.1	7.6			
F00–F99	Mental and behavioural disorders	171,488	41,577	160,341	83.8	1,910,712	934.2	11.1	14.4			
G00–G99	Diseases of the nervous system	99,420	41,496	85,649	48.6	449,469	219.8	4.5	7.0			
H00–H59	Diseases of the eye and adnexa	65,306	54,870	51,154	31.9	83,910	41.0	1.3	2.8			
H60–H95	Diseases of the ear and mastoid process	28,610	16,711	24,902	14.0	45,724	22.4	1.6	2.4			
I00–I99	Diseases of the circulatory system	303,767	66,502	249,912	148.5	1,591,541	778.2	5.2	6.4			
J00–J99	Diseases of the respiratory system	254,160	41,078	219,601	124.3	1,089,579	532.7	4.3	4.9			
K00–K93	Diseases of the digestive system	376,366	168,760	322,285	184.0	1,102,999	539.3	2.9	4.5			
L00–L99	Diseases of the skin and subcutaneous tissue	81,760	29,835	72,500	40.0	343,958	168.2	4.2	6.0			
M00–M99	Diseases of the musculoskeletal system and connective tissue	160,443	68,029	138,098	78.4	631,976	309.0	3.9	6.1			
N00–N99	Diseases of the genitourinary system	203,261	95,057	178,920	99.4	552,951	270.4	2.7	4.2			
O00–O99	Pregnancy, childbirth and the puerperium	325,100	80,323	300,900	159.0	885,814	433.1	2.7	3.3			
P00–P96	Certain conditions originating in the perinatal period	43,358	5,517	40,294	21.2	408,031	199.5	9.4	10.6			
Q00–Q99	Congenital malformations, deformations and chromosomal abnormalities	22,945	11,017	18,857	11.2	91,950	45.0	4.0	6.8			
R00–R99	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	312,193	137,862	273,106	152.6	691,824	338.3	2.2	3.2			
S00–T98	Injury, poisoning and certain other consequences of external causes	394,364	133,354	319,392	192.8	1,563,163	764.3	4.0	5.5			
Z00–Z99	Factors influencing health status and contact with health services	1,142,976	1,018,703	1,003,128	558.8	3,346,470	1,636.2	2.9	18.7			
	Not reported	1,007	216	852	0.5	40,608	19.9	40.3	51.1			
<b>Total</b>		<b>4,466,076</b>	<b>2,215,746</b>	<b>3,867,734</b>	<b>2,183.7</b>	<b>16,993,026</b>	<b>8,308.6</b>	<b>3.8</b>	<b>6.6</b>			

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

(b) Crude rate based on Australian population as at 31 December 2005.

Abbreviation: ALOS—average length of stay.

**Table 9.2: Selected separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, private hospitals, Australia, 2005-06**

Principal diagnosis	Separations		Same-day separations		Public patient separations		Separations per 10,000 population <sup>(b)</sup>		Patient days per 10,000 population <sup>(b)</sup>		ALOS (days)	
	Separations	Public patient separations	separations	separations	separations	separations	per 10,000 population <sup>(b)</sup>	per 10,000 population <sup>(b)</sup>	Patient days	ALOS (days)	ALOS (days) excluding same-day	
A00-B99 Certain infectious and parasitic diseases	13,427	767	3,676	767	6.6	63,703	31.1	4.7	6.2			
C00-D48 Neoplasms	261,361	4,907	159,953	4,907	127.8	785,281	384.0	3.0	6.2			
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	26,972	584	19,489	584	13.2	52,439	25.6	1.9	4.4			
E00-E90 Endocrine, nutritional and metabolic diseases	46,088	1,483	22,938	1,483	22.5	138,901	67.9	3.0	5.0			
F00-F99 Mental and behavioural disorders	125,874	1,278	94,509	1,278	61.5	622,127	304.2	4.9	16.8			
G00-G99 Diseases of the nervous system	68,545	880	22,159	880	33.5	142,991	69.9	2.1	2.6			
H00-H59 Diseases of the eye and adnexa	140,068	2,564	128,163	2,564	68.5	143,922	70.4	1.0	1.3			
H60-H95 Diseases of the ear and mastoid process	23,899	409	17,502	409	11.7	30,383	14.9	1.3	2.0			
I00-I99 Diseases of the circulatory system	154,848	5,069	50,029	5,069	75.7	618,321	302.3	4.0	5.4			
J00-J99 Diseases of the respiratory system	80,045	3,107	13,020	3,107	39.1	317,852	155.4	4.0	4.5			
K00-K93 Diseases of the digestive system	437,925	6,671	333,871	6,671	214.1	693,775	339.2	1.6	3.5			
L00-L99 Diseases of the skin and subcutaneous tissue	40,849	1,125	27,042	1,125	20.0	118,072	57.7	2.9	6.6			
M00-M99 Diseases of the musculoskeletal system and connective tissue	233,765	2,983	100,455	2,983	114.3	716,794	350.5	3.1	4.6			
N00-N99 Diseases of the genitourinary system	160,723	4,829	90,377	4,829	78.6	329,847	161.3	2.1	3.4			
O00-O99 Pregnancy, childbirth and the puerperium	142,218	3,255	51,521	3,255	69.5	463,664	226.7	3.3	4.5			
P00-P96 Certain conditions originating in the perinatal period	10,701	449	474	449	5.2	79,743	39.0	7.5	7.8			
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	10,203	219	5,861	219	5.0	20,234	9.9	2.0	3.3			
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	142,796	3,844	91,634	3,844	69.8	278,370	136.1	1.9	3.6			
S00-T98 Injury, poisoning and certain other consequences of external causes	89,772	3,392	25,006	3,392	43.9	411,458	201.2	4.6	6.0			
Z00-Z99 Factors influencing health status and contact with health services	634,185	52,275	568,582	52,275	310.1	1,302,885	637.0	2.1	11.2			
Not reported	1,643	2	1,173	2	0.8	6,865	3.4	4.2	12.1			
<b>Total</b>	<b>2,845,907</b>	<b>100,092</b>	<b>1,827,434</b>	<b>100,092</b>	<b>1,391.5</b>	<b>7,337,627</b>	<b>3,587.7</b>	<b>2.6</b>	<b>5.4</b>			

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

(b) Crude rate based on Australian population as at 31 December 2005.

Abbreviation: ALOS—average length of stay.

**Table 9.3: Separations<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, public hospitals, states and territories, 2005-06**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-B99 Certain infectious and parasitic diseases	32,514	19,497	13,333	6,319	6,081	1,444	1,262	2,261	82,711
C00-D48 Neoplasms	78,106	72,400	43,175	21,689	22,497	6,406	3,456	1,422	249,151
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	18,273	19,837	8,307	6,489	6,531	1,373	930	451	62,191
E00-E90 Endocrine, nutritional and metabolic diseases	25,582	26,146	13,266	8,135	7,311	2,173	1,362	1,524	85,499
F00-F99 Mental and behavioural disorders	64,600	40,175	28,277	15,130	15,360	4,716	1,568	1,662	171,488
G00-G99 Diseases of the nervous system	28,807	33,577	15,762	8,006	8,447	2,313	1,677	831	99,420
H00-H59 Diseases of the eye and adnexa	23,053	19,426	8,280	6,518	5,718	686	1,065	560	65,306
H60-H95 Diseases of the ear and mastoid process	7,696	8,222	6,343	2,489	2,793	367	319	381	28,610
I00-I99 Diseases of the circulatory system	107,294	80,282	50,845	23,829	26,381	7,193	5,312	2,631	303,767
J00-J99 Diseases of the respiratory system	90,819	63,493	41,547	21,146	24,207	5,039	3,171	4,738	254,160
K00-K93 Diseases of the digestive system	126,562	103,400	60,552	34,199	33,794	8,170	5,421	4,268	376,366
L00-L99 Diseases of the skin and subcutaneous tissue	24,757	20,429	15,212	7,437	8,330	2,030	989	2,576	81,760
M00-M99 Diseases of the musculoskeletal system and connective tissue	51,661	44,976	24,317	15,854	14,471	4,697	3,108	1,359	160,443
N00-N99 Diseases of the genitourinary system	68,000	58,353	34,746	16,962	15,863	4,119	3,060	2,158	203,261
O00-O99 Pregnancy, childbirth and the puerperium	107,556	84,797	62,152	26,583	26,662	6,645	4,473	6,232	325,100
P00-P96 Certain conditions originating in the perinatal period	12,393	13,990	8,285	2,679	3,398	907	874	832	43,358
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	7,501	6,674	4,062	1,970	1,724	428	388	198	22,945
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	108,535	93,912	49,651	21,670	25,045	6,013	4,012	3,355	312,193
S00-T98 Injury, poisoning and certain other consequences of external causes	136,427	98,233	75,243	33,886	28,602	8,531	6,677	6,765	394,364
Z00-Z99 Factors influencing health status and contact with health services	299,339	365,025	186,962	113,970	94,452	21,054	23,012	39,162	1,142,976
Not reported	988	0	0	0	0	0	0	19	1,007
<b>Total</b>	<b>1,420,463</b>	<b>1,272,844</b>	<b>750,317</b>	<b>394,960</b>	<b>377,667</b>	<b>94,304</b>	<b>72,136</b>	<b>83,385</b>	<b>4,466,076</b>

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

Table 9.4: Separations<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, private hospitals, states and territories, 2005–06

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00–B99 Certain infectious and parasitic diseases	2,532	3,149	4,528	1,708	1,056	n.p.	n.p.	n.p.	13,427
C00–D48 Neoplasms	68,972	57,068	75,135	26,591	23,325	n.p.	n.p.	n.p.	261,361
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	5,182	7,795	7,985	3,049	1,993	n.p.	n.p.	n.p.	26,972
E00–E90 Endocrine, nutritional and metabolic diseases	11,349	11,323	11,411	5,901	3,896	n.p.	n.p.	n.p.	46,088
F00–F99 Mental and behavioural disorders	31,632	46,501	27,451	11,440	2,280	n.p.	n.p.	n.p.	125,874
G00–G99 Diseases of the nervous system	18,506	18,371	16,704	6,457	5,996	n.p.	n.p.	n.p.	68,545
H00–H59 Diseases of the eye and adnexa	48,693	28,248	33,992	11,977	10,650	n.p.	n.p.	n.p.	140,068
H60–H95 Diseases of the ear and mastoid process	6,849	4,999	4,690	3,086	3,164	n.p.	n.p.	n.p.	23,899
I00–I99 Diseases of the circulatory system	44,165	40,433	37,836	14,827	11,726	n.p.	n.p.	n.p.	154,848
J00–J99 Diseases of the respiratory system	19,051	18,391	20,729	10,428	8,278	n.p.	n.p.	n.p.	80,045
K00–K93 Diseases of the digestive system	124,343	117,867	105,955	44,254	31,107	n.p.	n.p.	n.p.	437,925
L00–L99 Diseases of the skin and subcutaneous tissue	10,717	10,209	9,715	4,373	4,074	n.p.	n.p.	n.p.	40,849
M00–M99 Diseases of the musculoskeletal system and connective tissue	60,888	60,200	44,190	32,964	23,766	n.p.	n.p.	n.p.	233,765
N00–N99 Diseases of the genitourinary system	50,047	36,600	36,741	17,354	12,168	n.p.	n.p.	n.p.	160,723
O00–O99 Pregnancy, childbirth and the puerperium	35,706	40,367	36,107	17,308	6,427	n.p.	n.p.	n.p.	142,218
P00–P96 Certain conditions originating in the perinatal period	1,101	3,758	2,488	2,400	580	n.p.	n.p.	n.p.	10,701
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	3,369	2,254	2,285	1,123	733	n.p.	n.p.	n.p.	10,203
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	33,300	42,449	35,202	16,272	10,272	n.p.	n.p.	n.p.	142,796
S00–T98 Injury, poisoning and certain other consequences of external causes	22,328	20,706	23,390	11,418	8,089	n.p.	n.p.	n.p.	89,772
Z00–Z99 Factors influencing health status and contact with health services	167,169	147,652	174,997	76,463	50,617	n.p.	n.p.	n.p.	634,185
Not reported	0	1,641	0	0	0	n.p.	n.p.	n.p.	1,643
<b>Total</b>	<b>765,899</b>	<b>719,981</b>	<b>711,531</b>	<b>319,393</b>	<b>220,197</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,845,907</b>

(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.  
n.p. Not published.

**Table 9.5: Separations<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the largest changes in the total numbers of separations for sectors combined, by hospital sector, Australia, 2001-02 to 2005-06**

Principal diagnosis	Private hospitals						Public hospitals						Change	
	Change						Change						2001-02 to	
	2001-02	2002-03	2003-04	2004-05	2005-06	2005-06	2001-02	2002-03	2003-04	2004-05	2005-06	2005-06	2001-02 to	2005-06
Z49 Care involving dialysis	89,196	103,852	134,025	144,505	154,066	64,870	546,863	592,391	628,331	670,323	734,184	187,321	187,321	
Z51 Other medical care	126,016	139,667	148,923	158,814	164,744	38,728	126,153	137,878	137,182	137,271	138,474	12,321	12,321	
Z50 Care involving use of rehabilitation procedures	48,738	49,778	55,820	69,996	85,061	36,323	72,345	72,909	74,389	68,459	70,027	-2,318	-2,318	
Z45 Adjustment and management of implanted device	11,791	15,848	21,719	25,626	32,195	20,404	13,777	17,008	20,374	21,286	22,709	8,932	8,932	
R07 Pain in throat and chest	16,714	18,188	19,597	20,932	20,608	3,894	59,681	63,587	68,760	75,061	80,956	21,275	21,275	
Z12 Special screening examination for neoplasms	5,151	16,444	18,224	21,390	23,851	18,700	2,974	6,566	7,095	7,839	8,109	5,135	5,135	
H26 Other cataract	63,012	67,135	67,996	72,193	73,859	10,847	32,655	35,243	35,548	38,423	39,477	6,822	6,822	
E11 Type 2 diabetes mellitus	11,917	12,843	14,096	17,898	19,752	7,835	25,736	27,286	30,182	32,976	35,507	9,771	9,771	
Z31 Procreative management	20,475	25,296	28,686	34,885	36,929	16,454	3,978	3,680	4,613	4,701	4,060	82	82	
Z80 Family history of malignant neoplasm	20,590	12,006	10,459	9,907	9,054	-11,536	5,125	2,118	1,583	1,258	1,441	-3,684	-3,684	
O04 Medical abortion	27,195	37,740	38,042	36,557	37,335	10,140	15,672	14,866	13,544	12,590	12,664	-3,008	-3,008	
K92 Other diseases of digestive system	18,867	21,796	23,888	24,771	25,980	7,113	20,606	22,295	24,038	24,443	25,797	5,191	5,191	
G47 Sleep disorders	24,619	27,886	30,801	33,309	33,911	9,292	11,512	11,873	12,611	13,665	14,358	2,846	2,846	
R10 Abdominal and pelvic pain	38,227	40,759	40,919	42,358	43,872	5,645	56,901	57,515	56,961	59,962	62,686	5,785	5,785	
K52 Other noninfective gastroenteritis and colitis	12,072	13,392	13,947	13,603	15,019	2,947	20,185	22,732	25,996	24,945	28,143	7,958	7,958	
C61 Malignant neoplasm of prostate	9,099	10,674	13,705	15,604	17,393	8,294	6,010	6,479	6,842	7,739	8,036	2,026	2,026	
I20 Angina pectoris	25,023	24,354	23,305	22,963	22,451	-2,572	62,000	58,858	58,604	57,266	54,791	-7,209	-7,209	
O34 Maternal care for known or suspected abnormality of pelvic organs	7,885	9,290	10,151	11,117	12,247	4,362	11,418	12,170	13,462	14,537	16,479	5,061	5,061	
I21 Acute myocardial infarction	7,763	8,396	8,591	8,602	9,229	1,466	32,570	35,371	38,294	39,031	40,305	7,735	7,735	
M17 Gonarthrosis [arthrosis of knee]	26,686	28,076	29,379	31,123	31,547	4,861	13,442	14,296	14,857	15,740	17,707	4,265	4,265	
F10 Mental and behavioural disorders due to use of alcohol	11,619	12,713	14,435	15,150	15,756	4,137	17,575	18,315	18,992	20,002	22,366	4,791	4,791	
D12 Benign neoplasm of colon, rectum, anus and anal canal	24,444	27,680	28,392	30,842	31,501	7,057	9,271	10,348	10,029	10,589	10,859	1,588	1,588	
C44 Other malignant neoplasms of skin	45,112	48,587	48,447	47,538	51,815	6,703	24,023	25,695	26,213	25,096	25,906	1,883	1,883	
F32 Depressive episode	22,928	26,583	27,185	27,587	28,263	5,335	23,213	24,549	26,001	26,261	26,114	2,901	2,901	
Z34 Supervision of normal pregnancy	10	48	55	343	279	269	118	277	477	5,469	7,759	7,641	7,641	
N39 Other disorders of urinary system	13,358	12,760	12,429	13,258	13,083	-275	26,806	28,070	29,034	31,505	34,080	7,274	7,274	
D50 Iron deficiency anaemia	7,636	8,427	9,067	10,304	10,574	2,938	11,072	11,789	12,957	14,242	15,564	4,492	4,492	
F33 Recurrent depressive disorder	15,570	18,340	20,135	21,323	22,195	6,625	6,739	7,309	6,791	6,710	6,617	-122	-122	
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	20,315	22,202	23,979	25,726	26,943	6,628	15,029	15,390	15,543	15,010	15,087	58	58	
R55 Syncope and collapse	3,753	4,076	4,256	4,615	4,943	1,190	17,852	19,122	20,367	21,753	23,269	5,417	5,417	

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

Notes

1. Principal diagnoses have been ordered by the sum of the absolute values of the changes in the number of separations in the public and private sectors between 2001-02 and 2005-06.
2. The apparent increase for O04 *Medical abortion* in the private sector would have been affected by the registration of relevant facilities as hospitals for the first time in Queensland in 2001 and in Victoria in 2002-03. These facilities had previously been categorised as non-hospital facilities and were therefore out of scope for the National Hospital Morbidity Database.

**Table 9.6: Separations<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the largest changes in the total numbers of separations, by patient election status, Australia, 2001–02 to 2005–06**

Principal diagnosis	Private patients						Public patients						Change 2001–02 to 2005–06								
	2001–02		2002–03		2003–04		2004–05		2005–06		2001–02			2002–03		2003–04		2004–05		2005–06	
	2001–02	2002–03	2002–03	2003–04	2003–04	2004–05	2004–05	2005–06	2005–06	Change 2001–02 to 2005–06	2001–02	2002–03		2002–03	2003–04	2003–04	2004–05	2004–05	2005–06	2005–06	Change 2001–02 to 2005–06
Z49 Care involving dialysis	120 084	139 932	166 009	176 229	193 547	73 463	515 557	556 009	595 995	638 546	694 669	179 112									
Z51 Other medical care	133 729	149 742	158 650	170 306	175 536	41 807	117 875	126 913	126 654	124 811	126 653	8 778									
Z50 Care involving use of rehabilitation procedures	58 771	60 659	67 466	82 144	98 334	39 563	62 240	61 909	62 723	56 260	56 706	-5 534									
Z45 Adjustment and management of implanted device	13 021	17 535	24 107	28 024	34 778	21 757	12 432	15 231	17 964	18 763	19 982	7 550									
R07 Pain in throat and chest	22 524	24 455	26 855	28 197	28 274	5 750	53 523	57 015	61 381	67 659	73 149	19 626									
Z12 Special screening examination for neoplasms	5 290	16 851	18 808	22 120	24 776	19 486	2 835	6 112	6 510	7 099	7 182	4 347									
H26 Other cataract	67 163	72 352	74 715	78 477	80 575	13 412	26 873	29 463	28 813	31 824	32 580	5 707									
E11 Type 2 diabetes mellitus	14 381	15 535	17 609	21 507	24 076	9 695	23 051	24 448	26 636	29 213	31 083	8 032									
Z31 Preconception management	22 568	26 835	31 229	37 073	39 217	16 649	1 156	1 483	2 020	2 430	1 763	607									
Z80 Family history of malignant neoplasm	20 855	12 176	10 665	10 054	9 209	-11 646	4 580	1 911	1 377	1 109	1 284	-3 296									
G47 Sleep disorders	24 743	28 481	31 963	35 010	35 949	11 206	10 831	11 034	11 437	11 897	12 261	1 430									
K92 Other diseases of digestive system	20 889	24 063	26 687	27 608	29 231	8 342	18 368	19 831	21 223	21 568	22 526	4 158									
O04 Medical abortion	29 331	38 960	39 277	37 629	38 637	9 306	13 279	13 242	11 391	10 468	10 389	-2 890									
R10 Abdominal and pelvic pain	41 936	44 738	45 454	46 866	48 715	6 779	52 553	53 118	52 280	55 280	57 689	5 136									
K52 Other noninfective gastroenteritis and colitis	13 859	15 358	16 696	16 099	18 027	4 168	18 198	20 613	23 182	22 371	25 065	6 867									
C61 Malignant neoplasm of prostate	10 112	11 786	14 973	17 045	18 873	8 761	4 834	5 271	5 568	6 280	6 535	1 701									
I20 Angina pectoris	34 229	33 205	32 168	31 907	30 345	-3 884	52 344	49 666	49 640	48 181	46 771	-5 573									
M17 Gonarthrosis [arthrosis of knee]	26 898	28 653	30 397	32 168	32 407	5 509	12 908	13 660	13 835	14 689	16 844	3 936									
O34 Maternal care for known or suspected abnormality of pelvic organs	8 874	10 238	11 357	12 355	13 632	4 758	10 338	11 140	12 232	13 229	15 017	4 679									
I21 Acute myocardial infarction	12 826	13 865	14 828	15 141	16 036	3 210	27 218	29 695	31 912	32 344	33 358	6 140									
C44 Other malignant neoplasms of skin	47 179	51 222	51 485	50 232	54 716	7 537	21 341	22 809	23 174	22 369	22 992	1 651									
F10 Mental and behavioural disorders due to use of alcohol	12 057	13 063	15 143	15 908	16 425	4 368	16 987	17 668	18 265	19 220	21 648	4 661									
D12 Benign neoplasm of colon, rectum, anus and anal canal	25 099	28 396	29 277	31 795	32 629	7 530	8 491	9 580	9 141	9 627	9 730	1 239									
F32 Depressive episode	24 630	28 335	29 887	30 251	30 950	6 320	21 038	22 108	23 289	23 582	23 392	2 354									
K01 Embedded and impacted teeth	54 309	58 021	59 051	60 436	61 265	6 956	5 410	3 989	4 758	4 424	4 329	-1 081									
Z34 Supervision of normal pregnancy	24	57	80	446	462	438	104	268	450	5 277	7 459	7 355									
D50 Iron deficiency anaemia	8 636	9 550	10 482	11 813	12 343	3 707	9 941	10 582	11 533	12 721	13 789	3 848									
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	21 440	23 428	25 438	27 194	28 484	7 044	13 731	14 092	14 077	13 529	13 539	-192									
N39 Other disorders of urinary system	16 205	15 791	16 018	17 317	17 631	1 426	23 805	24 918	25 401	27 388	29 481	5 676									
F33 Recurrent depressive disorder	16 086	18 688	20 790	21 831	22 633	6 547	5 995	6 735	6 134	6 202	6 178	183									

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

**Notes**

1. Principal diagnoses have been ordered by the sum of the absolute values of the changes in the number of separations in the public and private sectors between 2001–02 and 2005–06.
2. The apparent increase for O04 *Medical abortion* in the private sector would have been affected by the registration of relevant facilities as hospitals for the first time in Queensland in 2001 and in Victoria in 2002–03. These facilities had previously been categorised as non-hospital facilities and were therefore out of scope for the National Hospital Morbidity Database.

**Table 9.7: Selected separation statistics<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of overnight separations, public hospitals, Australia, 2005–06**

Principal diagnosis	Separations		Public patient separations	Separations per 10,000 population <sup>(b)</sup>		Patient days per 10,000 population <sup>(b)</sup>		ALOS (days)
	Separations	Public patient separations		Separations per 10,000 population <sup>(b)</sup>	Patient days per 10,000 population <sup>(b)</sup>			
Z50 Care involving use of rehabilitation procedures	53,834	41,070	26.3	1,348,289	659.2	25.0		
R07 Pain in throat and chest	48,605	42,014	23.8	92,208	45.1	1.9		
I20 Angina pectoris	42,411	35,404	20.7	158,330	77.4	3.7		
J18 Pneumonia, organism unspecified	42,285	34,834	20.7	268,018	131.0	6.3		
J44 Other chronic obstructive pulmonary disease	40,926	34,385	20.0	294,736	144.1	7.2		
O70 Perineal laceration during delivery	37,267	34,236	18.2	111,238	54.4	3.0		
I21 Acute myocardial infarction	35,174	28,383	17.2	215,313	105.3	6.1		
K80 Cholelithiasis	31,355	27,817	15.3	108,081	52.8	3.4		
R10 Abdominal and pelvic pain	30,232	26,706	14.8	72,276	35.3	2.4		
I50 Heart failure	30,083	23,964	14.7	238,380	116.6	7.9		
L03 Cellulitis	26,391	22,647	12.9	150,566	73.6	5.7		
N39 Other disorders of urinary system	26,293	21,893	12.9	144,948	70.9	5.5		
J45 Asthma	24,133	22,105	11.8	56,621	27.7	2.3		
O80 Single spontaneous delivery	23,804	22,593	11.6	53,884	26.3	2.3		
F20 Schizophrenia	22,981	22,241	11.2	630,078	308.1	27.4		
E11 Type 2 diabetes mellitus	21,854	19,034	10.7	211,461	103.4	9.7		
I48 Atrial fibrillation and flutter	20,877	16,510	10.2	88,213	43.1	4.2		
S52 Fracture of forearm	20,256	16,278	9.9	51,800	25.3	2.6		
S72 Fracture of femur	20,036	14,705	9.8	240,196	117.4	12.0		
Z75 Problems related to medical facilities and other health care	17,862	14,726	8.7	668,328	326.8	37.4		
T81 Complications of procedures, not elsewhere classified	17,820	14,904	8.7	127,089	62.1	7.1		
S82 Fracture of lower leg, including ankle	17,038	12,649	8.3	108,760	53.2	6.4		
F32 Depressive episode	16,455	15,423	8.0	187,457	91.7	11.4		
K35 Acute appendicitis	15,999	13,618	7.8	54,879	26.8	3.4		
O34 Maternal care for known or suspected abnormality of pelvic organs	15,973	14,345	7.8	63,763	31.2	4.0		
K52 Other noninfective gastroenteritis and colitis	15,910	13,343	7.8	55,607	27.2	3.5		
R55 Syncope and collapse	15,653	12,513	7.7	52,009	25.4	3.3		
F10 Mental and behavioural disorders due to use of alcohol	15,561	14,825	7.6	76,526	37.4	4.9		
P07 Disorders related to short gestation and low birth weight, not elsewhere classified	15,031	13,432	7.3	281,731	137.8	18.7		
K40 Inguinal hernia	14,610	12,476	7.1	26,561	13.0	1.8		
Other	1,472,830	1,256,172	720.1	8,499,542	4,155.8	5.8		
Not reported	791	656	0.4	40,392	19.7	51.1		
<b>Total</b>	<b>2,250,330</b>	<b>1,915,901</b>	<b>1,100.3</b>	<b>14,777,280</b>	<b>7,225.2</b>	<b>6.6</b>		

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

(b) Crude rate based on Australian population as at 31 December 2005.

Abbreviation: ALOS—average length of stay.

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the Internet at <www.aihw.gov.au>.

**Table 9.8: Selected separation statistics<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of overnight separations, private hospitals, Australia, 2005-06**

Principal diagnosis	Separations		Public patient separations		Separations per 10,000 population <sup>(b)</sup>		Patient days		Patient days per 10,000 population <sup>(b)</sup>		ALOS (days)
	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>	Patient days	Patient days per 10,000 population <sup>(b)</sup>	Patient days	Patient days per 10,000 population <sup>(b)</sup>				
Z50 Care involving use of rehabilitation procedures	34,265	873	16.8	558,997	273.3	16.3					
G47 Sleep disorders	32,939	45	16.1	36,331	17.8	1.1					
M17 Gonarthrosis [arthrosis of knee]	21,842	466	10.7	149,513	73.1	6.8					
K40 Inguinal hernia	20,472	298	10.0	31,362	15.3	1.5					
I20 Angina pectoris	18,519	294	9.1	77,784	38.0	4.2					
K80 Cholelithiasis	18,061	588	8.8	47,468	23.2	2.6					
M75 Shoulder lesions	17,760	170	8.7	31,000	15.2	1.7					
J35 Chronic diseases of tonsils and adenoids	15,287	208	7.5	16,278	8.0	1.1					
O70 Perineal laceration during delivery	14,688	252	7.2	61,653	30.1	4.2					
R07 Pain in throat and chest	13,075	552	6.4	29,272	14.3	2.2					
M16 Coxarthrosis [arthrosis of hip]	12,126	223	5.9	94,559	46.2	7.8					
O34 Maternal care for known or suspected abnormality of pelvic organs	12,121	206	5.9	62,341	30.5	5.1					
I25 Chronic ischaemic heart disease	12,074	55	5.9	40,623	19.9	3.4					
M23 Internal derangement of knee	10,780	112	5.3	15,414	7.5	1.4					
N40 Hyperplasia of prostate	10,089	219	4.9	35,145	17.2	3.5					
C50 Malignant neoplasm of breast	9,880	157	4.8	37,439	18.3	3.8					
J18 Pneumonia, organism unspecified	9,561	428	4.7	74,641	36.5	7.8					
M51 Other intervertebral disc disorders	9,328	121	4.6	51,077	25.0	5.5					
C61 Malignant neoplasm of prostate	9,128	198	4.5	49,462	24.2	5.4					
J34 Other disorders of nose and nasal sinuses	9,040	158	4.4	10,838	5.3	1.2					
N81 Female genital prolapse	9,017	205	4.4	36,749	18.0	4.1					
T81 Complications of procedures, not elsewhere classified	8,890	220	4.3	55,556	27.2	6.2					
I50 Heart failure	8,769	255	4.3	85,003	41.6	9.7					
I48 Atrial fibrillation and flutter	8,669	184	4.2	34,228	16.7	3.9					
I21 Acute myocardial infarction	8,282	230	4.0	54,883	26.8	6.6					
N39 Other disorders of urinary system	8,081	316	4.0	41,071	20.1	5.1					
R10 Abdominal and pelvic pain	8,080	313	4.0	25,818	12.6	3.2					
C44 Other malignant neoplasms of skin	8,064	72	3.9	30,357	14.8	3.8					
J44 Other chronic obstructive pulmonary disease	7,888	449	3.9	78,960	38.6	10.0					
I83 Varicose veins of lower extremities	7,635	83	3.7	15,331	7.5	2.0					
Other	623,593	18,363	304.9	3,535,348	1,728.6	5.7					
Not reported	470	1	0.2	5,692	2.8	12.1					
<b>Total</b>	<b>1,018,473</b>	<b>26,314</b>	<b>498.0</b>	<b>5,510,193</b>	<b>2,694.2</b>	<b>5.4</b>					

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

(b) Crude rate based on Australian population as at 31 December 2005.

Abbreviation: ALOS—average length of stay.

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the Internet at <www.aihw.gov.au>.

**Table 9.9: Selected separation statistics<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of same-day separations, public hospitals, Australia, 2005-06**

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>
Z49 Care involving dialysis	731,925	650,969	357.9
Z51 Other medical care	137,043	119,146	67.0
H26 Other cataract	37,517	29,131	18.3
R10 Abdominal and pelvic pain	32,454	30,190	15.9
R07 Pain in throat and chest	32,351	29,828	15.8
Z45 Adjustment and management of implanted device	21,070	18,270	10.3
C44 Other malignant neoplasms of skin	20,370	17,937	10.0
Z08 Follow-up examination after treatment for malignant neoplasms	16,932	15,387	8.3
Z50 Care involving use of rehabilitation procedures	16,193	14,760	7.9
K92 Other diseases of digestive system	15,493	13,807	7.6
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	14,116	12,422	6.9
K21 Gastro-oesophageal reflux disease	14,069	12,419	6.9
K29 Gastritis and duodenitis	14,010	12,634	6.9
E11 Type 2 diabetes mellitus	13,653	11,361	6.7
K02 Dental caries	13,571	11,692	6.6
I20 Angina pectoris	12,380	10,618	6.1
Z30 Contraceptive management	12,335	11,108	6.0
K52 Other noninfective gastroenteritis and colitis	12,233	11,345	6.0
O04 Medical abortion	11,519	9,314	5.6
G56 Mononeuropathies of upper limb	11,014	9,904	5.4
S01 Open wound of head	10,714	9,541	5.2
M54 Dorsalgia	10,434	8,904	5.1
Z47 Other orthopaedic follow-up care	10,163	8,718	5.0
F32 Depressive episode	9,659	7,724	4.7
D50 Iron deficiency anaemia	9,460	8,376	4.6
M23 Internal derangement of knee	9,315	8,166	4.6
S52 Fracture of forearm	9,249	8,199	4.5
N92 Excessive, frequent and irregular menstruation	9,207	8,308	4.5
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	9,107	8,813	4.5
D12 Benign neoplasm of colon, rectum, anus and anal canal	8,847	7,677	4.3
Other	929,127	814,969	454.3
Not reported	216	196	0.1
<b>Total</b>	<b>2,215,746</b>	<b>1,951,833</b>	<b>1,083.4</b>

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

(b) Crude rate based on Australian population as at 31 December 2005.

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the Internet at <[www.aihw.gov.au](http://www.aihw.gov.au)>.

**Table 9.10: Selected separation statistics<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of same-day separations, private hospitals, Australia, 2005-06**

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>
Z51 Other medical care	164,270	6,281	80.3
Z49 Care involving dialysis	153,566	41,646	75.1
H26 Other cataract	67,318	1,860	32.9
K01 Embedded and impacted teeth	56,095	87	27.4
Z50 Care involving use of rehabilitation procedures	50,796	3	24.8
C44 Other malignant neoplasms of skin	43,751	373	21.4
O04 Medical abortion	37,096	40	18.1
K21 Gastro-oesophageal reflux disease	36,870	354	18.0
Z31 Procreative management	36,529	317	17.9
R10 Abdominal and pelvic pain	35,792	480	17.5
M23 Internal derangement of knee	31,834	287	15.6
H25 Senile cataract	31,255	194	15.3
Z45 Adjustment and management of implanted device	30,119	317	14.7
D12 Benign neoplasm of colon, rectum, anus and anal canal	29,020	262	14.2
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	26,186	240	12.8
K29 Gastritis and duodenitis	25,359	264	12.4
Z12 Special screening examination for neoplasms	23,654	233	11.6
Z08 Follow-up examination after treatment for malignant neoplasms	23,473	624	11.5
K92 Other diseases of digestive system	22,951	222	11.2
I84 Haemorrhoids	22,064	231	10.8
F32 Depressive episode	21,719	35	10.6
K57 Diverticular disease of intestine	21,300	232	10.4
K63 Other diseases of intestine	20,865	176	10.2
F33 Recurrent depressive disorder	17,291	12	8.5
K02 Dental caries	17,188	34	8.4
G56 Mononeuropathies of upper limb	15,328	231	7.5
M54 Dorsalgia	14,316	192	7.0
K22 Other diseases of oesophagus	14,016	104	6.9
R19 Other symptoms and signs involving the digestive system and abdomen	13,734	79	6.7
K62 Other diseases of anus and rectum	13,618	126	6.7
Other	708,888	18,241	346.6
Not reported	1,173	1	0.6
<b>Total</b>	<b>1,827,434</b>	<b>73,778</b>	<b>893.5</b>

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

(b) Crude rate based on Australian population as at 31 December 2005.

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the Internet at <[www.aihw.gov.au](http://www.aihw.gov.au)>.

**Table 9.11: Selected separation statistics<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private free-standing day hospitals, Australia, 2005-06**

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>
Z49 Care involving dialysis	50,231	50,231	15,792	24.6
Z51 Other medical care	37,378	37,378	345	18.3
O04 Medical abortion	35,702	35,700	2	17.5
H25 Senile cataract	27,797	27,797	52	13.6
H26 Other cataract	25,977	25,976	426	12.7
C44 Other malignant neoplasms of skin	18,019	18,019	173	8.8
K21 Gastro-oesophageal reflux disease	16,293	16,292	0	8.0
R10 Abdominal and pelvic pain	16,050	16,050	0	7.8
Z31 Procreative management	15,336	15,335	315	7.5
K29 Gastritis and duodenitis	12,332	12,331	1	6.0
K01 Embedded and impacted teeth	12,224	12,224	0	6.0
D12 Benign neoplasm of colon, rectum, anus and anal canal	12,004	12,004	0	5.9
K63 Other diseases of intestine	10,277	10,277	0	5.0
I84 Haemorrhoids	9,898	9,898	0	4.8
K57 Diverticular disease of intestine	9,889	9,889	0	4.8
Z12 Special screening examination for neoplasms	8,872	8,871	0	4.3
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	8,542	8,542	0	4.2
K92 Other diseases of digestive system	6,627	6,627	0	3.2
K30 Dyspepsia	6,464	6,464	0	3.2
K62 Other diseases of anus and rectum	6,389	6,389	21	3.1
K02 Dental caries	6,299	6,299	0	3.1
K22 Other diseases of oesophagus	5,810	5,810	0	2.8
Z41 Procedures for purposes other than remedying health state	5,520	5,517	0	2.7
E11 Type 2 diabetes mellitus	5,417	5,414	137	2.6
R19 Other symptoms and signs involving the digestive system and abdomen	4,663	4,663	0	2.3
H02 Other disorders of eyelid	4,479	4,479	6	2.2
Z08 Follow-up examination after treatment for malignant neoplasms	4,428	4,428	0	2.2
K59 Other functional intestinal disorders	4,192	4,192	0	2.0
K52 Other noninfective gastroenteritis and colitis	3,948	3,948	0	1.9
K58 Irritable bowel syndrome	3,927	3,927	0	1.9
Other	n.p.	n.p.	n.p.	n.p.
Not reported	n.p.	n.p.	n.p.	n.p.
<b>Total</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>

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

(b) Crude rate based on Australian population as at 31 December 2005.

n.p. Not published. The data for the *Totals*, *Other* & *Not reported* diagnoses have not been published because of confidentiality concerns.

**Table 9.12: Selected separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM groupings, public psychiatric hospitals, Australia, 2005-06**

Principal diagnosis	Separations	Same-day separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>	Patient days	Patient days per 10,000 population <sup>(b)</sup>	ALOS (days)	ALOS (days) excluding same-day
A00-B99	1	0	1	0.0	12	0.0	12.0	12.0
C00-D48	2	0	2	0.0	44	0.0	22.0	22.0
D50-D89	1	0	1	0.0	4	0.0	4.0	4.0
E00-E90	2	0	2	0.0	30	0.0	15.0	15.0
F00-F03	188	2	175	0.1	19,002	9.3	101.1	102.2
F04-F09	147	5	138	0.1	9,739	4.8	66.3	68.5
F10	839	80	821	0.4	13,741	6.7	16.4	18.0
F11-F19	1,231	23	1,216	0.6	10,867	5.3	8.8	9.0
F20	3,249	34	2,896	1.6	219,475	107.3	67.6	68.3
F21-F29	1,689	81	1,625	0.8	52,107	25.5	30.9	32.4
F30	71	0	65	0.0	1,372	0.7	19.3	19.3
F31	1,172	47	1,150	0.6	32,790	16.0	28.0	29.1
F32-F33	1,379	230	1,344	0.7	31,365	15.3	22.7	27.1
F34-F39	165	7	163	0.1	1,607	0.8	9.7	10.1
F40-F48	1,595	104	1,555	0.8	10,911	5.3	6.8	7.2
F50	15	7	15	0.0	75	0.0	5.0	8.5
F51-F59								
	24	0	24	0.0	236	0.1	9.8	9.8
F60-F69	606	28	574	0.3	8,668	4.2	14.3	14.9
F70-F79	54	1	53	0.0	39,985	19.6	740.5	754.4
F80-F89	51	20	50	0.0	685	0.3	13.4	21.5
F90-F98	1,262	1,135	1,261	0.6	3,177	1.6	2.5	16.1
F99	24	9	19	0.0	96	0.0	4.0	5.8
G00-G99	174	1	165	0.1	21,467	10.5	123.4	124.1
H00-H95	0	0	0	0.0	0	0.0	0.0	0.0
I00-I99	2	0	2	0.0	158	0.1	79.0	79.0
J00-L99	1	0	1	0.0	20	0.0	20.0	0.0
M00-M99	1	0	1	0.0	5	0.0	5.0	0.0
N00-N99	0	0	0	0.0	0	0.0	0.0	0.0
O00-O99	2	0	2	0.0	151	0.1	75.5	75.5
P00-P96	0	0	0	0.0	0	0.0	0.0	0.0
Q00-Q99	2	0	2	0.0	52	0.0	26.0	26.0
R00-R99	25	3	23	0.0	294	0.1	11.8	13.2
S00-T98	15	0	15	0.0	295	0.1	19.7	19.7
Z03.2, Z81, Z86.5	2	0	2	0.0	2	0.0	1.0	0.0
Z00-Z99 <sup>(c)</sup>	1,273	53	1,145	0.6	161,779	79.1	127.1	132.6
Not reported	303	13	301	0.1	20,685	10.1	68.3	71.3
<b>Total</b>	<b>15,567</b>	<b>1,883</b>	<b>14,809</b>	<b>7.6</b>	<b>660,896</b>	<b>323.1</b>	<b>42.5</b>	<b>48.2</b>

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

(b) Crude rate based on Australian population as at 31 December 2005.

(c) Excluding Z03.2, Z81 and Z86.5.

Abbreviation: ALOS—average length of stay.

**Table 9.13: Separations<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, states and territories, 2005–06**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z49 Care involving dialysis	217,347	216,307	113,108	68,698	53,082	12,465	17,915	35,262	734,184
Z51 Other medical care	5,127	68,947	21,231	20,334	17,729	2,846	1,161	1,099	138,474
R07 Pain in throat and chest	28,897	20,899	15,058	5,416	7,033	1,439	1,201	1,013	80,956
Z50 Care involving use of rehabilitation procedures	21,536	16,314	16,155	6,165	6,998	912	1,429	518	70,027
R10 Abdominal and pelvic pain	21,489	20,069	9,641	4,488	4,435	1,157	732	675	62,686
I20 Angina pectoris	17,270	14,149	11,114	4,734	4,519	1,484	1,039	482	54,791
J18 Pneumonia, organism unspecified	16,678	12,298	7,020	3,765	3,837	1,055	647	1,365	46,665
J44 Other chronic obstructive pulmonary disease	16,619	10,679	7,391	3,349	4,542	1,132	426	587	44,725
I21 Acute myocardial infarction	14,862	11,093	6,758	2,821	3,042	807	552	370	40,305
H26 Other cataract	14,378	12,135	5,001	3,280	3,266	394	726	297	39,477
O70 Perineal laceration during delivery	16,933	7,088	7,040	2,655	2,735	558	861	443	38,313
K80 Cholelithiasis	13,276	10,106	6,186	2,726	2,972	913	637	371	37,187
E11 Type 2 diabetes mellitus	10,263	11,070	5,408	3,742	2,928	757	539	800	35,507
N39 Other disorders of urinary system	12,396	9,375	5,753	2,596	2,572	589	510	289	34,080
I50 Heart failure	11,912	9,055	5,051	2,794	2,848	737	384	314	33,095
J45 Asthma	9,961	8,329	4,867	2,727	3,390	573	364	389	30,600
S52 Fracture of forearm	10,985	7,068	5,552	2,248	1,942	580	625	505	29,505
L03 Cellulitis	10,559	7,511	5,277	2,340	2,009	424	414	909	29,443
I48 Atrial fibrillation and flutter	10,850	7,287	4,560	2,102	2,421	637	521	264	28,642
K52 Other noninfective gastroenteritis and colitis	9,162	8,883	4,291	1,981	2,708	528	335	255	28,143
F20 Schizophrenia	8,219	7,231	5,211	2,231	2,047	635	268	274	26,116
F32 Depressive episode	9,400	7,110	3,748	2,158	2,502	913	133	150	26,114
C44 Other malignant neoplasms of skin	6,408	7,078	6,520	2,103	2,663	786	223	125	25,906
K92 Other diseases of digestive system	9,851	7,307	3,556	1,891	2,171	463	187	371	25,797
O80 Single spontaneous delivery	9,651	3,455	7,471	1,898	1,694	566	487	498	25,720
R55 Syncope and collapse	8,468	6,543	3,928	1,319	2,219	393	251	148	23,269
Z45 Adjustment and management of implanted device	1,986	11,619	5,170	1,413	822	950	652	97	22,709
F10 Mental and behavioural disorders due to use of alcohol	9,308	4,167	3,908	2,143	1,765	524	243	308	22,366
S72 Fracture of femur	8,491	5,520	3,594	1,849	1,848	506	344	158	22,310
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	6,857	5,568	4,439	2,379	1,477	368	188	502	21,778
Other	850,336	718,584	436,310	226,615	223,451	58,213	38,142	34,528	2,586,179
Not reported	988	0	0	0	0	0	0	19	1,007
<b>Total</b>	<b>1,420,463</b>	<b>1,272,844</b>	<b>750,317</b>	<b>394,960</b>	<b>377,667</b>	<b>94,304</b>	<b>72,136</b>	<b>83,385</b>	<b>4,466,076</b>

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

**Table 9.14: Separations<sup>(a)</sup> for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, states and territories, 2005–06**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	30,698	41,343	51,560	19,545	14,410	n.p.	n.p.	n.p.	164,744
Z49 Care involving dialysis	21,999	30,566	50,672	33,207	17,582	n.p.	n.p.	n.p.	154,066
Z50 Care involving use of rehabilitation procedures	47,191	13,684	17,805	1,500	4,480	n.p.	n.p.	n.p.	85,061
H26 Other cataract	28,257	14,755	13,881	6,716	5,753	n.p.	n.p.	n.p.	73,859
K01 Embedded and impacted teeth	15,713	15,529	11,021	8,542	4,458	n.p.	n.p.	n.p.	57,422
C44 Other malignant neoplasms of skin	14,785	9,613	15,685	4,132	5,753	n.p.	n.p.	n.p.	51,815
R10 Abdominal and pelvic pain	10,677	14,636	10,710	4,586	2,079	n.p.	n.p.	n.p.	43,872
M23 Internal derangement of knee	11,891	9,846	8,064	5,110	5,194	n.p.	n.p.	n.p.	42,614
K21 Gastro-oesophageal reflux disease	10,543	11,117	9,892	3,648	2,521	n.p.	n.p.	n.p.	38,912
O04 Medical abortion	7,337	14,155	12,928	2,642	182	n.p.	n.p.	n.p.	37,335
Z31 Procreative management	12,850	8,900	9,126	1,379	2,066	n.p.	n.p.	n.p.	36,929
G47 Sleep disorders	10,337	9,652	7,954	1,756	3,040	n.p.	n.p.	n.p.	33,911
Z45 Adjustment and management of implanted device	4,172	12,596	9,660	2,447	2,380	n.p.	n.p.	n.p.	32,195
H25 Senile cataract	7,809	7,346	12,459	1,746	1,972	n.p.	n.p.	n.p.	31,799
M17 Gonarthrosis [arthrosis of knee]	9,660	7,689	5,991	3,627	3,027	n.p.	n.p.	n.p.	31,547
D12 Benign neoplasm of colon, rectum, anus and anal canal	10,900	5,684	8,945	3,107	2,098	n.p.	n.p.	n.p.	31,501
F32 Depressive episode	7,985	9,892	6,765	1,934	298	n.p.	n.p.	n.p.	28,263
Z09 malignant neoplasms	8,975	6,955	6,021	2,670	1,619	n.p.	n.p.	n.p.	26,943
I84 Haemorrhoids	8,900	7,257	5,141	2,907	1,814	n.p.	n.p.	n.p.	26,916
K29 Gastritis and duodenitis	8,677	8,254	5,500	2,067	1,600	n.p.	n.p.	n.p.	26,480
K57 Diverticular disease of intestine	6,725	7,103	8,106	2,316	1,443	n.p.	n.p.	n.p.	26,381
K92 Other diseases of digestive system	8,545	6,153	6,840	2,019	1,651	n.p.	n.p.	n.p.	25,980
K40 Inguinal hernia	8,010	5,650	5,509	2,549	1,799	n.p.	n.p.	n.p.	24,780
Z08 Follow-up examination after treatment for malignant neoplasms	8,365	6,347	5,265	2,299	1,413	n.p.	n.p.	n.p.	24,756
Z12 Special screening examination for neoplasms	6,676	6,879	5,978	3,152	556	n.p.	n.p.	n.p.	23,851
I20 Angina pectoris	5,901	5,341	6,520	2,436	1,514	n.p.	n.p.	n.p.	22,451
F33 Recurrent depressive disorder	3,084	10,643	3,577	2,945	658	n.p.	n.p.	n.p.	22,195
K63 Other diseases of intestine	8,112	5,677	5,436	1,230	1,035	n.p.	n.p.	n.p.	21,864
M54 Dorsalgia	4,570	6,331	3,093	3,920	2,483	n.p.	n.p.	n.p.	21,172
R07 Pain in throat and chest	3,214	5,611	5,802	2,760	2,586	n.p.	n.p.	n.p.	20,608
Other	413,341	393,136	375,625	180,499	122,783	n.p.	n.p.	n.p.	1,554,042
Not reported	0	1,641	0	0	0	n.p.	n.p.	n.p.	1,643
<b>Total</b>	<b>765,899</b>	<b>719,981</b>	<b>711,531</b>	<b>319,393</b>	<b>220,197</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,845,907</b>

(a) Separations for which the care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded. n.p. Not published.

**Table 9.15: Average length of stay<sup>(a)</sup> (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, states and territories, 2005–06**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z49 Care involving dialysis	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Z51 Other medical care	1.8	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.1
R07 Pain in throat and chest	1.7	1.3	1.5	1.4	1.7	1.5	1.2	1.9	1.5
Z50 Care involving use of rehabilitation procedures	21.9	23.5	12.5	21.3	18.5	27.1	12.8	7.1	19.5
R10 Abdominal and pelvic pain	1.7	1.5	1.7	1.8	1.8	1.7	1.5	1.9	1.7
I20 Angina pectoris	3.5	2.7	3.2	2.6	3.3	3.3	2.8	3.1	3.1
J18 Pneumonia, organism unspecified	6.0	6.0	5.5	5.3	6.1	6.2	5.7	4.9	5.8
J44 Other chronic obstructive pulmonary disease	7.1	6.3	6.4	6.4	6.5	8.5	7.3	6.2	6.7
I21 Acute myocardial infarction	5.8	5.2	5.3	5.1	5.7	4.5	4.2	5.7	5.5
H26 Other cataract	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0
O70 Perineal laceration during delivery	3.1	2.8	2.6	3.2	3.1	3.1	2.5	3.4	2.9
K80 Cholelithiasis	3.2	3.0	2.8	3.2	3.0	2.6	2.6	4.0	3.1
E11 Type 2 diabetes mellitus	7.1	5.6	6.8	5.8	5.9	6.6	4.6	8.4	6.3
N39 Other disorders of urinary system	4.8	4.3	4.0	4.1	4.9	5.2	4.0	5.1	4.5
I50 Heart failure	7.9	6.8	6.7	6.9	7.5	7.5	6.5	7.5	7.3
J45 Asthma	2.1	2.0	2.0	2.2	2.2	2.1	2.1	2.2	2.1
S52 Fracture of forearm	2.0	2.2	1.8	2.2	2.4	2.5	2.1	2.8	2.1
L03 Cellulitis	5.3	5.7	4.7	4.5	5.4	6.0	4.8	4.2	5.2
I48 Atrial fibrillation and flutter	3.7	3.3	3.0	3.7	3.5	3.5	2.2	3.2	3.4
K52 Other noninfective gastroenteritis and colitis	2.7	2.1	2.4	2.5	2.5	3.0	1.6	2.6	2.4
F20 Schizophrenia	28.7	20.3	24.3	26.6	17.0	33.4	16.6	13.7	24.2
F32 Depressive episode	7.3	7.4	6.7	9.0	9.4	5.3	15.4	6.8	7.5
C44 Other malignant neoplasms of skin	2.5	1.9	1.6	1.8	1.9	1.6	2.0	3.6	2.0
K92 Other diseases of digestive system	2.3	2.1	2.3	1.9	2.5	2.2	2.8	2.0	2.2
O80 Single spontaneous delivery	2.3	2.3	1.9	2.4	2.2	2.2	1.9	2.6	2.2
R55 Syncope and collapse	2.7	2.4	2.5	2.3	2.9	2.7	1.8	2.7	2.6
Z45 Adjustment and management of implanted device	1.4	1.1	1.1	1.1	1.3	1.0	1.0	1.7	1.1
F10 Mental and behavioural disorders due to use of alcohol	3.8	3.1	4.1	3.4	3.5	6.6	2.0	4.1	3.7
S72 Fracture of femur	11.0	11.7	10.3	8.3	10.4	12.6	10.3	18.0	10.9
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	2.2	1.9	1.8	2.0	2.6	2.1	3.3	2.0	2.1
Other	4.4	3.7	4.0	4.1	4.7	4.5	4.2	4.4	4.2
<b>Total</b>	<b>4.2</b>	<b>3.4</b>	<b>3.7</b>	<b>3.7</b>	<b>4.2</b>	<b>4.2</b>	<b>3.4</b>	<b>2.9</b>	<b>3.8</b>

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

**Table 9.16: Average length of stay<sup>(a)</sup> (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, states and territories, 2005–06**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
Z49 Care involving dialysis	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
Z50 Care involving use of rehabilitation procedures	5.1	13.7	5.4	22.2	9.8	n.p.	n.p.	n.p.	7.2
H26 Other cataract	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
K01 Embedded and impacted teeth	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
C44 Other malignant neoplasms of skin	1.5	1.5	1.4	1.7	1.2	n.p.	n.p.	n.p.	1.4
R10 Abdominal and pelvic pain	1.3	1.3	1.5	1.5	1.7	n.p.	n.p.	n.p.	1.4
M23 Internal derangement of knee	1.1	1.1	1.1	1.2	1.1	n.p.	n.p.	n.p.	1.1
K21 Gastro-oesophageal reflux disease	1.1	1.1	1.1	1.1	1.2	n.p.	n.p.	n.p.	1.1
O04 Medical abortion	1.0	1.0	1.0	1.0	1.1	n.p.	n.p.	n.p.	1.0
Z31 Procreative management	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
G47 Sleep disorders	1.0	1.2	1.0	1.5	1.1	n.p.	n.p.	n.p.	1.1
Z45 Adjustment and management of implanted device	1.1	1.0	1.0	1.1	1.1	n.p.	n.p.	n.p.	1.1
H25 Senile cataract	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
M17 Gonarthrosis [arthrosis of knee]	5.2	4.6	5.1	6.0	4.5	n.p.	n.p.	n.p.	5.0
D12 Benign neoplasm of colon, rectum, anus and anal canal	1.2	1.4	1.2	1.2	1.2	n.p.	n.p.	n.p.	1.3
F32 Depressive episode	6.1	3.7	6.1	5.9	13.4	n.p.	n.p.	n.p.	5.2
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
I84 Haemorrhoids	1.1	1.2	1.2	1.3	1.3	n.p.	n.p.	n.p.	1.2
K29 Gastritis and duodenitis	1.0	1.1	1.2	1.2	1.2	n.p.	n.p.	n.p.	1.1
K57 Diverticular disease of intestine	1.7	1.8	1.9	2.3	2.3	n.p.	n.p.	n.p.	1.9
K92 Other diseases of digestive system	1.2	1.4	1.4	1.4	1.5	n.p.	n.p.	n.p.	1.3
K40 Inguinal hernia	1.4	1.4	1.3	1.6	1.7	n.p.	n.p.	n.p.	1.4
Z08 Follow-up examination after treatment for malignant neoplasms	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
Z12 Special screening examination for neoplasms	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
I20 Angina pectoris	3.3	3.6	4.2	3.0	4.3	n.p.	n.p.	n.p.	3.6
F33 Recurrent depressive disorder	5.6	3.6	4.6	4.5	12.1	n.p.	n.p.	n.p.	4.5
K63 Other diseases of intestine	1.1	1.2	1.2	1.3	1.4	n.p.	n.p.	n.p.	1.2
M54 Dorsalgia	2.7	2.3	3.6	2.0	2.0	n.p.	n.p.	n.p.	2.5
R07 Pain in throat and chest	1.6	1.8	2.0	1.5	1.7	n.p.	n.p.	n.p.	1.8
Other	2.9	3.2	3.5	3.3	3.2	n.p.	n.p.	n.p.	3.2
<b>Total</b>	<b>2.5</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2.6</b>

(a) Separations for which the care type was reported as Newborn with no qualified days, and records for Hospital boarders and Posthumous organ procurement have been excluded.  
n.p. Not published.

**Table 9.17: Separations<sup>(a)</sup> for males for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, by age group, all hospitals, Australia, 2005–06**

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85+	Total <sup>(b)</sup>
Z49 Care involving dialysis	0	118	466	7,815	22,159	48,040	78,005	108,760	128,508	118,402	15,064	527,340
Z51 Other medical care	198	807	1,795	2,809	3,132	6,584	17,857	39,909	42,366	24,403	2,815	142,675
Z50 Care involving use of rehabilitation procedures	2	7	69	1,536	2,446	3,756	5,579	10,738	14,975	19,922	7,895	66,925
R07 Pain in throat and chest	3	6	138	946	3,017	7,951	11,303	11,785	8,641	6,166	1,523	51,479
I20 Angina pectoris	0	0	0	20	221	2,029	6,603	12,722	13,811	11,044	2,432	48,882
C44 Other malignant neoplasms of skin	1	6	16	58	495	1,807	4,653	8,996	10,681	14,238	5,098	46,049
H26 Other cataract	11	27	55	76	126	467	1,932	5,842	13,262	19,981	4,244	46,023
K40 Inguinal hernia	1,468	995	1,026	1,803	2,912	4,566	6,778	8,537	6,956	4,957	999	40,997
R10 Abdominal and pelvic pain	132	374	2,381	3,122	4,156	5,576	6,005	6,129	4,618	3,110	795	36,398
M23 Internal derangement of knee	0	1	295	4,746	5,645	7,135	7,379	6,007	2,502	809	66	34,585
G47 Sleep disorders	2,655	2,208	1,517	525	1,794	4,437	6,680	7,284	3,702	1,738	160	32,700
I21 Acute myocardial infarction	1	0	0	38	313	1,861	5,397	7,474	7,498	7,221	2,560	32,363
E11 Type 2 diabetes mellitus	0	0	11	74	252	991	2,739	6,065	8,729	9,051	1,973	29,885
J18 Pneumonia, organism unspecified	566	2,216	1,446	881	1,332	2,061	2,249	3,125	4,494	7,143	4,131	29,644
J44 Other chronic obstructive pulmonary disease	0	19	22	20	33	263	1,212	4,161	8,570	11,785	3,198	29,283
K21 Gastro-oesophageal reflux disease	761	265	400	1,199	2,828	4,704	5,866	5,941	3,825	1,983	348	28,120
Z08 Follow-up examination after treatment for malignant neoplasms	2	54	45	37	132	661	2,099	5,624	8,940	8,645	1,611	27,850
K92 Other diseases of digestive system	99	73	135	749	2,067	3,811	5,070	5,432	4,566	3,928	1,218	27,148
Z45 Adjustment and management of implanted device	48	315	504	431	545	1,332	4,029	7,426	7,728	3,811	526	26,695
K01 Embedded and impacted teeth	0	16	1,536	15,134	5,788	2,224	953	468	162	56	18	26,355
C61 Malignant neoplasm of prostate	1	0	6	1	3	61	1,633	7,660	8,633	5,815	1,616	25,429
N40 Hyperplasia of prostate	0	0	0	1	22	173	1,408	6,686	8,966	6,651	1,336	25,243
D12 Benign neoplasm of colon, rectum, anus and anal canal	0	0	7	67	219	1,222	3,576	7,291	7,280	4,352	518	24,532
I25 Chronic ischaemic heart disease	0	0	3	6	60	666	3,027	7,169	7,802	5,204	525	24,462
I48 Atrial fibrillation and flutter	1	0	7	200	605	1,344	3,066	5,497	5,836	4,947	1,272	22,775
M17 Gonarthrosis [arthrosis of knee]	0	0	7	167	559	1,592	3,468	5,892	6,167	4,054	515	22,421
F10 Mental and behavioural disorders due to use of alcohol	0	2	157	2,214	3,172	5,293	5,324	4,143	1,381	558	56	22,300
I50 Heart failure	22	9	12	50	137	357	836	2,343	4,638	8,640	4,809	21,853
I84 Haemorrhoids	2	12	7	485	2,173	4,587	5,554	4,949	2,626	1,123	194	21,712
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	97	153	119	283	622	1,595	3,721	6,124	5,258	3,049	326	21,347
Other	74,030	90,024	119,402	151,750	165,257	201,141	227,101	270,767	253,040	242,324	78,823	1,873,663
Not reported	59	22	40	106	114	107	133	140	160	168	66	1,115
<b>Total</b>	<b>80,159</b>	<b>97,729</b>	<b>131,624</b>	<b>197,349</b>	<b>232,336</b>	<b>328,394</b>	<b>441,235</b>	<b>601,086</b>	<b>616,321</b>	<b>565,278</b>	<b>146,730</b>	<b>3,438,248</b>

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

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

**Table 9.18: Separations<sup>(a)</sup> for females for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, by age group, all hospitals, Australia, 2005-06**

Principal diagnosis	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total <sup>(b)</sup>
Z49 Care involving dialysis	0	46	426	4,742	17,288	29,905	53,892	73,062	97,601	76,503	7,440	360,905
Z51 Other medical care	191	769	1,316	1,855	4,222	16,633	35,354	45,800	33,827	18,515	2,061	160,543
Z50 Care involving use of rehabilitation procedures	5	14	95	2,059	2,398	3,659	5,752	11,491	17,194	29,262	16,234	88,163
R10 Abdominal and pelvic pain	97	260	3,016	10,324	10,893	11,572	11,203	9,595	6,769	4,839	1,591	70,159
H26 Other cataract	10	17	32	30	93	425	1,959	6,933	19,213	31,075	7,526	67,313
O70 Perineal laceration during delivery	0	0	19	10,317	32,938	9,718	38	0	0	0	0	53,030
R07 Pain in throat and chest	1	6	139	1,029	2,296	5,596	10,091	11,143	9,197	7,713	2,874	50,085
O04 Medical abortion	0	0	167	21,496	18,945	9,104	287	0	0	0	0	49,999
Z31 Procreative management	0	0	2	451	16,298	22,211	687	6	0	1	0	39,656
K01 Embedded and impacted teeth	0	15	2,270	24,482	8,238	2,525	993	442	168	80	26	39,239
K80 Cholelithiasis	0	4	95	3,161	6,724	6,902	6,736	6,181	4,252	3,530	1,219	38,804
F32 Depressive episode	0	0	445	4,233	5,656	6,961	6,524	4,437	3,004	2,843	768	34,871
N39 Other disorders of urinary system	871	938	799	1,702	1,710	2,738	3,865	4,200	4,231	6,895	5,450	33,399
C44 Other malignant neoplasms of skin	1	4	12	77	602	1,921	4,091	5,433	6,193	8,598	4,740	31,672
O80 Single spontaneous delivery	0	0	12	8,308	18,152	4,781	26	0	1	0	0	31,280
K21 Gastro-oesophageal reflux disease	680	150	300	1,132	2,037	4,023	6,295	7,438	4,853	2,644	562	30,114
O34 Maternal care for known or suspected abnormality of pelvic organs	0	0	0	2,295	16,989	9,389	53	0	0	0	0	28,726
I20 Angina pectoris	0	0	0	11	81	851	2,816	5,146	7,085	8,752	3,618	28,360
Z45 Adjustment and management of implanted device	48	246	412	657	905	2,833	5,760	7,825	6,015	3,007	501	28,209
M17 Gonarthrosis [arthrosis of knee]	0	0	5	86	288	1,084	3,513	6,659	8,001	6,189	1,008	26,833
J18 Pneumonia, organism unspecified	397	1,831	1,355	817	1,383	1,952	1,993	2,594	3,292	5,817	5,399	26,830
K29 Gastritis and duodenitis	29	127	352	1,696	2,466	3,794	5,106	5,182	4,198	2,896	651	26,497
K52 Other noninfective gastroenteritis and colitis	41	61	93	2,933	3,904	3,202	3,328	3,735	3,420	3,789	1,848	26,354
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	0	0	14	7,833	13,940	3,797	39	0	0	0	0	25,623
E11 Type 2 diabetes mellitus	0	0	23	66	221	755	1,720	3,569	7,171	9,325	2,524	25,374
N92 Excessive, frequent and irregular menstruation	0	0	48	693	2,984	10,781	10,136	314	5	2	0	24,963
K92 Other diseases of digestive system	57	40	123	869	1,703	2,876	4,403	4,815	4,002	3,841	1,898	24,627
M54 Dorsalgia	0	10	110	687	1,739	3,390	4,536	4,618	3,557	3,876	1,634	24,158
K57 Diverticular disease of intestine	1	0	1	15	154	938	3,268	5,965	6,330	5,600	1,477	23,749
J44 Other chronic obstructive pulmonary disease	1	8	27	35	65	389	1,543	4,030	6,469	8,049	2,839	23,455
Other	56,682	64,969	87,031	207,574	359,042	306,630	286,735	288,027	255,146	278,535	138,755	2,329,128
Not reported	52	12	36	125	282	259	178	174	128	182	99	1,527
<b>Total</b>	<b>59,164</b>	<b>69,527</b>	<b>98,775</b>	<b>321,790</b>	<b>554,636</b>	<b>491,594</b>	<b>482,920</b>	<b>528,814</b>	<b>521,322</b>	<b>532,358</b>	<b>212,742</b>	<b>3,873,645</b>

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

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

**Table 9.19: Separation statistics<sup>(a)</sup> relating to renal failure<sup>(b)</sup>, by state or territory of usual residence, all hospitals, Australia, 2005-06**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total <sup>(c)</sup>
<b>Acute renal failure</b>									
Separations	2,227	1,768	1,110	348	582	n.p.	n.p.	n.p.	6,257
Separations not within state of residence (%)	3	1	1	0	1	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	0.27	0.27	0.21	0.14	0.28	0.20	0.20	0.34	0.25
Private hospitals	0.02	0.05	0.06	0.03	0.03	n.p.	n.p.	n.p.	0.04
Total	0.29	0.31	0.28	0.17	0.31	n.p.	n.p.	n.p.	0.28
Standardised separation rate ratio (SRR)	1.03	1.11	0.98	0.61	1.08	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.99-1.08	1.06-1.16	0.92-1.04	0.55-0.68	1.00-1.17	n.p.	n.p.	n.p.	
<b>Chronic and unspecified renal failure</b>									
Separations	2,798	1,740	1,832	736	669	n.p.	n.p.	n.p.	8,277
Separations not within state of residence (%)	4	0	1	1	4	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	0.34	0.27	0.36	0.31	0.33	0.35	0.26	1.05	0.33
Private hospitals	0.04	0.05	0.09	0.06	0.04	n.p.	n.p.	n.p.	0.05
Total	0.38	0.32	0.46	0.37	0.37	n.p.	n.p.	n.p.	0.38
Standardised separation rate ratio (SRR)	0.99	0.84	1.19	0.96	0.97	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.95-1.03	0.80-0.88	1.13-1.24	0.89-1.02	0.90-1.05	n.p.	n.p.	n.p.	
<b>Care involving dialysis<sup>(e)</sup></b>									
Separations	251,628	242,929	160,056	102,548	71,938	n.p.	n.p.	n.p.	887,115
Separations not within state of residence (%)	6	0	1	1	2	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	31.34	39.82	28.40	34.49	31.99	23.32	42.50	205.80	34.52
Private hospitals	3.46	5.73	11.57	16.34	9.87	n.p.	n.p.	n.p.	7.14
Total	34.79	45.55	39.97	50.83	41.86	n.p.	n.p.	n.p.	41.66
Standardised separation rate ratio (SRR)	0.84	1.09	0.96	1.22	1.00	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.83-0.84	1.09-1.10	0.95-0.96	1.21-1.23	1.00-1.01	n.p.	n.p.	n.p.	

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

(b) These conditions are defined using ICD-10-AM codes in Appendix 1.

(c) Includes other territories and excludes overseas residents and unknown state of residence.

(d) Rate per 1,000 population was directly age-standardised as detailed in Appendix 1.

(e) Does not include non-admitted patient occasions of service or dialysis in non-hospital facilities or patient homes.

n.p. Not published.

**Table 9.20: Separation statistics<sup>(a)</sup> relating to renal failure<sup>(b)</sup>, by Remoteness Area of usual residence, all hospitals, Australia, 2005-06**

	Major cities	Inner regional	Outer regional	Remote	Very remote	Total <sup>(c)</sup>
<b>Acute renal failure</b>						
Separations	4,097	1,426	586	73	72	6,257
Separation rate <sup>(d)</sup>						
Public hospitals	0.25	0.25	0.25	0.25	0.58	0.25
Private hospitals	0.04	0.04	0.02	0.02	0.00	0.04
Total	0.29	0.29	0.26	0.26	0.58	0.29
Standardised separation rate ratio (SRR)						
95% confidence interval of SRR	0.97-1.03	0.95-1.05	0.82-0.97	0.69-1.10	1.54-2.46	
<b>Chronic and unspecified renal failure</b>						
Separations	4,590	1,930	1,285	186	285	8,277
Separation rate <sup>(d)</sup>						
Public hospitals	0.28	0.33	0.52	0.60	1.86	0.33
Private hospitals	0.05	0.07	0.05	0.03	0.03	0.06
Total	0.33	0.40	0.57	0.63	1.88	0.39
Standardised separation rate ratio (SRR)						
95% confidence interval of SRR	0.82-0.87	0.98-1.07	1.38-1.54	1.38-1.85	4.26-5.38	
<b>Care involving dialysis<sup>(e)</sup></b>						
Separations	606,897	151,494	87,163	18,055	23,054	887,115
Separation rate <sup>(d)</sup>						
Public hospitals	35.96	26.81	36.16	40.28	135.61	34.77
Private hospitals	8.46	4.87	2.85	15.39	10.16	7.21
Total	44.41	31.68	39.00	55.67	145.77	41.98
Standardised separation rate ratio (SRR)						
95% confidence interval of SRR	1.06-1.06	0.75-0.76	0.92-0.94	1.31-1.35	3.43-3.52	

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

(b) These conditions are defined using ICD-10-AM codes in Appendix 1.

(c) Includes separations for which the area of usual residence was unknown and excludes overseas residents and unknown state of residence.

(d) Rate per 1,000 population was directly age-standardised as detailed in Appendix 1.

(e) Does not include non-admitted patient occasions of service or dialysis in non-hospital facilities or patient homes.

**Table 9.21: Separation statistics<sup>(a)</sup> relating to renal failure<sup>(b)</sup>, by quintile of socioeconomic advantage/disadvantage<sup>(c)</sup>, all hospitals, Australia, 2005–06**

	Most disadvantaged	Second most disadvantaged	Middle quintile	Second most advantaged	Most advantaged	Total <sup>(d)</sup>
<b>Acute renal failure</b>						
Separations	1,538	1,249	1,262	1,184	1,021	6,257
Separation rate <sup>(e)</sup>						
Public hospitals	0.30	0.26	0.26	0.24	0.18	0.25
Private hospitals	0.03	0.03	0.03	0.04	0.05	0.04
Total	0.33	0.29	0.29	0.29	0.23	0.29
Standardised separation rate ratio (SRR)	1.16	1.01	1.02	1.00	0.79	
95% confidence interval of SRR	1.10–1.22	0.95–1.06	0.97–1.08	0.94–1.06	0.74–0.84	
<b>Chronic and unspecified renal failure</b>						
Separations <sup>(d)</sup>	2,250	2,012	1,590	1,335	1,089	8,277
Separation rate <sup>(e)</sup>						
Public hospitals	0.44	0.41	0.33	0.27	0.20	0.33
Private hospitals	0.06	0.06	0.04	0.06	0.06	0.06
Total	0.50	0.47	0.37	0.33	0.26	0.39
Standardised separation rate ratio (SRR)	1.29	1.22	0.96	0.85	0.67	
95% confidence interval of SRR	1.24–1.34	1.16–1.27	0.91–1.01	0.80–0.90	0.63–0.70	
<b>Care involving dialysis<sup>(f)</sup></b>						
Separations <sup>(d)</sup>	197,152	184,167	190,012	170,610	144,742	887,115
Separation rate <sup>(e)</sup>						
Public hospitals	39.74	36.87	37.51	34.55	25.45	34.77
Private hospitals	4.57	6.73	7.10	8.29	9.70	7.21
Total	44.31	43.61	44.61	42.84	35.15	41.98
Standardised separation rate ratio (SRR)	1.06	1.04	1.06	1.02	0.84	
95% confidence interval of SRR	1.05–1.06	1.03–1.04	1.06–1.07	1.02–1.03	0.83–0.84	

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

(b) These conditions are defined using ICD-10-AMI codes in Appendix 1.

(c) Based on the Australian Bureau of Statistics SEIFA 2001 Index of Advantage/Disadvantage score for the statistical local area of the patient's area of usual residence.

(d) Includes separations for which the area of usual residence was unknown and excludes overseas residents and unknown state of residence.

(e) Rate per 1,000 population was directly age-standardised as detailed in Appendix 1.

(f) Does not include non-admitted patient occasions of service or dialysis in non-hospital facilities or patient homes.

**Table 9.22: Separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, by Indigenous status<sup>(b)</sup>, selected states and territories<sup>(c)</sup>, 2005–06**

Principal diagnosis	Separations		Separations for patients identified as Indigenous (%)	Separations per 1,000 population <sup>(c)</sup>		Rate ratio <sup>(d)</sup>
	Indigenous	Other		Indigenous	Other	
A00–B99 Certain infectious and parasitic diseases	3,921	31,365	2.1	12.8	4.3	3.0
C00–D48 Neoplasms	2,361	211,473	1.3	16.7	27.3	0.6
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	847	33,958	0.5	5.2	4.5	1.2
E00–E90 Endocrine, nutritional and metabolic diseases	3,740	47,704	2.0	25.4	6.2	4.1
F00–F99 Mental and behavioural disorders	5,674	95,926	3.1	22.5	12.7	1.8
G00–G99 Diseases of the nervous system	2,160	60,043	1.2	9.9	7.9	1.3
H00–H59 Diseases of the eye and adnexa	834	76,861	0.5	6.9	10.0	0.7
H60–H95 Diseases of the ear and mastoid process	1,219	21,727	0.7	3.1	3.0	1.0
I00–I99 Diseases of the circulatory system	5,676	162,399	3.1	41.7	20.9	2.0
J00–J99 Diseases of the respiratory system	11,216	119,857	6.1	53.4	16.2	3.3
K00–K93 Diseases of the digestive system	8,608	305,521	4.7	41.2	40.1	1.0
L00–L99 Diseases of the skin and subcutaneous tissue	4,468	47,249	2.4	17.6	6.2	2.8
M00–M99 Diseases of the musculoskeletal system and connective tissue	2,873	154,048	1.6	14.7	20.0	0.7
N00–N99 Diseases of the genitourinary system	4,305	131,687	2.3	22.7	17.3	1.3
O00–O99 Pregnancy, childbirth and the puerperium	12,521	168,950	6.8	35.6	23.7	1.5
P00–P96 Certain conditions originating in the perinatal period	1,820	18,842	1.0	3.3	2.8	1.2
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	551	11,544	0.3	1.1	1.6	0.7
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	6,947	154,520	3.8	36.0	20.2	1.8
S00–T98 Injury, poisoning and certain other consequences of external causes	13,819	173,574	7.5	53.0	23.2	2.3
Z00–Z99 Factors influencing health status and contact with health services	90,665	645,958	49.2	615.6	84.0	7.3
Care involving dialysis	84,668	286,943	46.0	584.1	37.2	15.7
Other	5,997	359,015	3.3	31.6	46.7	0.7
Not reported	7	12	0.0	0.0	0.0	n.p.
<b>Total (excluding care involving dialysis)</b>	<b>99,557</b>	<b>2,386,263</b>	<b>54.0</b>	<b>454.6</b>	<b>315.1</b>	<b>1.4</b>
<b>Total (including care involving dialysis)</b>	<b>184,232</b>	<b>2,673,218</b>	<b>100.0</b>	<b>1038.7</b>	<b>352.4</b>	<b>2.9</b>

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

(b) Identification of Indigenous patients is not considered to be complete and completeness varies among the jurisdictions. See the text of Chapter 7 for further detail.

(c) This table includes data for Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only). Caution should be used in the interpretation of these data because of jurisdictional differences in data quality.

(d) The rates were directly age-standardised as detailed in Appendix 1. The separation rate for other persons includes Indigenous status *Not reported*.  
n.p. Not published