

# 9 Principal diagnoses for admitted patients

## Introduction

The principal diagnosis is defined as the diagnosis established, after study, to be chiefly responsible for occasioning the admitted patient's episode of care in hospital. 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 2004–05 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 3.

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) which, in turn, can mostly 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.

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) and summary information is provided for all of 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 *M17 Gonarthrosis*. There were 46,863 separations with this principal diagnosis, with an average length of stay of 5.3 days. A total of 54.5% of separations were for females, which is similar in comparison to the 53.1% in hospitals overall (Table 8.1). Just over 33% of separations with this principal diagnosis were in the public sector and nearly all patients (99.7%) had a care type of *Acute care*. A majority of patients (87.0%) with this diagnosis had a separation mode of *Other*, suggesting that these patients went home after separation from the hospital. A substantial proportion (9.0%) were discharged/transferred to an(other) acute hospital and 3.2% had a statistical discharge – type change. *Internal derangement of knee (M23)* and *Personal history of certain other diseases (Z86)* were the most common additional diagnoses. The most common procedure performed was *Cerebral anaesthesia (Block 1910)* and the most commonly reported AR-DRG was *Knee replacement and reattachment (I04Z)*.

## 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 (1,076,891 separations, 532.9 separations per 10,000 population) and for its high use of beds (1,669.5 patient days per 10,000 population), although the average length of stay was low (3.1 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)* (169,119 separations, 83.7 separations per 10,000 population) had a high use of beds (968.4 patient days per 10,000 population) and had a relatively long average length of stay (11.6 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 (589,916). High numbers of separations were also reported for *Diseases of the digestive system (K00–K93)* (430,703) and *Neoplasms (C00–D48)* (247,138). The highest number of patient days were recorded for *Factors influencing health status and contact with health services (Z00–Z99)* (1,204,481), *Neoplasms (C00–D48)* (761,760), and *Diseases of the musculoskeletal system and connective tissue (M00–M99)* (717,890).

The chapters with the highest proportions of separations in the public sector were *Certain infectious and parasitic diseases* (A00–B99) (84.6%, 74,018) and *Injury, poisoning and certain other consequence of external causes* (S00–T98) (81.6%, 378,446) (derived from Tables 9.1 and 9.2). The groups with the highest proportions of separations in the private sector were *Diseases of the eye and adnexa* (H00–H59) (68.3%, 137,004) and *Diseases of the musculoskeletal system and connective tissue* (M00–M99) (60.0%, 228,518).

The highest proportion of public patients in public hospitals was for *Mental and behavioural disorders* (F00–F99) (93.9%), and the lowest was for *Diseases of the eye and adnexa* (H00–H59) (77.2%). The highest proportion of public patients in private hospitals was for *Factors influencing health status and contact with health services* (Z00–Z99) (8.6%).

## 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 (81.7%, 88,930) than in Queensland (66.2%, 40,864).

## High-volume diagnoses

### Changes from 2000–01 to 2004–05

Table 9.5 presents 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 2000–01 and 2004–05. The principal diagnoses in this table either recorded 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 increased over the 5-year period, in both the public and private sectors, for 23 of the principal diagnoses, 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 two of the principal diagnoses presented in Table 9.5. For example, there were 19,529 separations for *Medical abortion* (O04) in private hospitals in 2000–01 compared with 36,557 separations in 2004–05, an increase of 17,028. This apparent increase 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 3,853, from 16,443 in 2000–01 to 12,590 in 2004–05.

The number of separations decreased in both public and private hospitals between 2000–01 and 2004–05 for the principal diagnosis of *Family history of malignant neoplasm* (Z80),

*Gastro-oesophageal reflux disease (K21), Female infertility (N97), Angina pectoris (I20) and Gastritis and duodenitis (K29).*

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 2000–01 and 2004–05.

The number of separations increased over the 5-year period, for 26 of the principal diagnoses for private patients and 23 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 three of the principal diagnoses presented in Table 9.6. For example, there were 50,575 separations for *Care involving use of rehabilitation procedures (Z50)* for private patients in 2000–01 compared with 82,144 separations in 2004–05, an increase of 31,569. The number of separations for this principal diagnosis for public patients decreased by 3,723, from 59,983 in 2000–01 to 56,260 in 2004–05.

The number of separations decreased for both private and public patients between 2000–01 and 2004–05 for the principal diagnoses *Family history of malignant neoplasm (Z80), Gastro-oesophageal reflux disease (K21), Female infertility (N97), 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 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 to 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 diagnosis group with the highest number of overnight separations was *Care involving use of rehabilitation procedures (Z50)* (53,795), followed by *Pain in throat and chest (R07)* (45,762) (Table 9.7). The highest numbers of patient days were reported for *Care involving use of rehabilitation procedures (Z50)* (1,303,439), for which the average length of stay was 24.2.

In the private sector (Table 9.8), the most frequently reported principal diagnosis for overnight separations was *Sleep disorders (G47)* (31,880). *Care involving use of rehabilitation procedures (Z50)* was the next most frequently reported principal diagnosis (30,494) and this also had the highest number of patient days and the longest average length of stay (502,946 and 16.5 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 group was *Care involving dialysis (Z49)* (668,759), followed by *Other medical care (Z51)* (135,854). 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)* (158,168) had the highest number of same day separations, followed by *Care involving dialysis (Z49)* (144,146). 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) (96.9%), and the lowest was for *Other cataract* (H26) (77.3%). However, in private hospitals, the highest proportion of same day separations that were for public patients was for *Care involving dialysis* (Z49) (28.3%).

The most common principal diagnosis groups in private free-standing day hospitals were *Care involving dialysis* (Z49) (43,111) and *Other medical care* (Z51) (35,111) (Table 9.11). The proportion of separations in private free-standing day hospital facilities that was for public patients was highest for *Care involving dialysis* (Z49) (36.8%).

Table 9.12 presents information on public psychiatric hospitals. About 98.3% of separations in public psychiatric hospitals were for public patients and most diagnoses were in the *Mental and behavioural disorders* chapter (F00–F99) (89.0%). *Schizophrenia* (F20) was the most common diagnosis reported (3,326) and accounted for more patient days than any other group (281,694). The average length of stay was high for most of the disease groups and only 14.9% of separations (2,359) were same day separations, compared with 49.1% 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). There was also some variation between the states and territories 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 4.9 days in the Northern Territory to 26.7 days in Western Australia. The average length of stay in the private sector for *Care involving use of rehabilitation procedures* (Z50) ranged from 5.5 days in Queensland to 20.9 days in Western Australia.

## Age group and sex

In Tables 9.17 and 9.18, information is presented on the number of separations by age group for the 30 most common principal diagnoses at the 3-character level of the ICD-10-AM classification for males and females. 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 35–44 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, in the group of males aged 75 years and over (excluding *Care involving dialysis* (Z49) and *Other medical care* (Z51) which were common in most age groups) 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 related 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 state or territory (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 3) (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 18,034 dialysis occasions of service reported as non-admitted patient occasions of service in New South Wales (Table 2.5) or dialysis performed at non-hospital facilities.

Table 9.19 shows that there were 6,097 separations for *Acute renal failure*, 8,025 for *Chronic and unspecified renal failure* and 812,766 for *Care involving dialysis* (11.6% of separations overall, 15.7% for public hospitals and 5.3% 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, 1.52 and 104.38 separations per 1,000 population respectively). In the private sector, the Remoteness Area of usual residence with the highest separation rate for *Acute renal failure* was *Major cities* (0.05), for *Chronic and unspecified renal failure* was *Inner regional* (0.07), and for *Care involving dialysis* was *Remote* (15.58).

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. While the *Most disadvantaged* quintile had the highest separation rates for *Acute renal failure* and *Chronic renal failure*, the *Middle quintile* had the highest separation rate for *Care involving dialysis*.

## Aboriginal and Torres Strait Islander status

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). It should be noted that data presented here are not necessarily representative of the jurisdictions excluded.

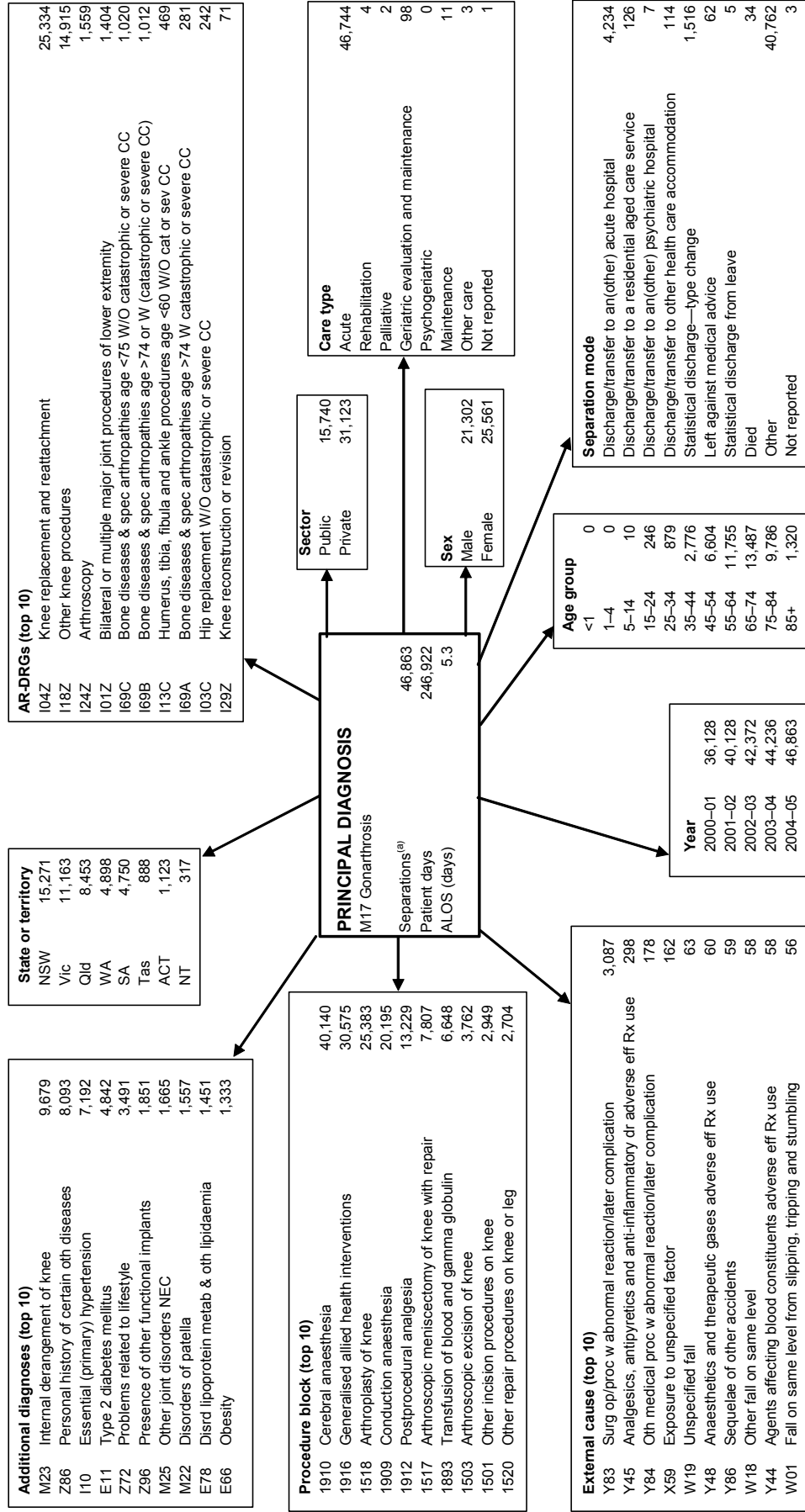
The most common principal diagnosis for patients identified as Indigenous was *Care involving dialysis* (Z49) (77,196). This represented approximately 44.8% of all separations for patients identified as Indigenous compared with 10.4% of separations for other patients. The next most common principal diagnosis reported was *Injury, poisoning and certain other consequences of external causes* (S00–T98) (13,186) which represented 7.7% of all separations for patients identified as Indigenous.

The age-standardised separation rates for persons identified as Aboriginal and/or Torres Strait Islander were relatively high for the majority of the principal diagnosis chapters. As indicated in the rate ratios, persons identified as Indigenous were 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 AIHW web site 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; proc—procedures; W—with; W/O—without; cat—catastrophic; CC—complication or comorbidity; oth—other; NEC—not elsewhere classified; disrd—disorders; metab—metabolism; surg op/proc—surgical operation and other surgical procedures; dr—drugs; eff—effects; Rx—therapeutic.

**Figure 9.1: Interrelationships of a principal diagnosis (M17 Gonarthrosis) with other data elements, all hospitals, Australia, 2004-05**

**Table 9.1: Selected separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, public hospitals, Australia, 2004–05**

Principal diagnosis	Separations			Same day separations		Separations per 10,000 population <sup>(b)</sup>		Patient days		ALOS (days)	
	Separations	Public separations	separations	separations	separations	per 10,000 population <sup>(b)</sup>	per 10,000 population <sup>(b)</sup>	Patient days	ALOS (days)	excluding same day	ALOS (days)
A00–B99 Certain infectious and parasitic diseases	74,018	17,857	65,079	36.6	150.1	303,286	4.1	5.1	5.1		
C00–D48 Neoplasms	242,952	109,620	203,811	120.2	603.6	1,219,876	5.0	8.3	8.3		
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	58,283	37,108	49,769	28.8	72.1	145,617	2.5	5.1	5.1		
E00–E90 Endocrine, nutritional and metabolic diseases	79,208	29,885	68,696	39.2	199.2	402,595	5.1	7.6	7.6		
F00–F99 Mental and behavioural disorders	169,119	41,998	158,748	83.7	968.4	1,957,130	11.6	15.1	15.1		
G00–G99 Diseases of the nervous system	93,889	38,969	81,308	46.5	210.3	424,985	4.5	7.0	7.0		
H00–H59 Diseases of the eye and adnexa	63,579	53,177	49,071	31.5	40.5	81,917	1.3	2.8	2.8		
H60–H95 Diseases of the ear and mastoid process	29,098	17,461	25,163	14.4	23.2	46,820	1.6	2.5	2.5		
I00–I99 Diseases of the circulatory system	297,665	62,975	244,434	147.3	776.9	1,570,135	5.3	6.4	6.4		
J00–J99 Diseases of the respiratory system	247,743	38,714	213,225	122.6	531.4	1,074,019	4.3	5.0	5.0		
K00–K93 Diseases of the digestive system	365,512	165,617	313,697	180.9	525.7	1,062,532	2.9	4.5	4.5		
L00–L99 Diseases of the skin and subcutaneous tissue	78,866	29,232	69,935	39.0	163.9	331,211	4.2	6.1	6.1		
M00–M99 Diseases of the musculoskeletal system and connective tissue	152,345	65,062	130,568	75.4	299.8	605,812	4.0	6.2	6.2		
N00–N99 Diseases of the genitourinary system	198,887	93,653	175,133	98.4	266.1	537,746	2.7	4.2	4.2		
O00–O99 Pregnancy, childbirth and the puerperium	311,796	77,479	288,966	154.3	424.3	857,554	2.8	3.3	3.3		
P00–P96 Certain conditions originating in the perinatal period	41,327	5,209	38,164	20.4	191.6	387,271	9.4	10.6	10.6		
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	23,016	11,423	18,852	11.4	42.5	85,923	3.7	6.4	6.4		
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	292,770	127,385	256,351	144.9	336.3	679,578	2.3	3.3	3.3		
S00–T98 Injury, poisoning and certain other consequences of external causes	378,446	126,616	306,984	187.3	733.5	1,482,425	3.9	5.4	5.4		
Z00–Z99 Factors influencing health status and contact with health services	1,076,891	949,626	947,068	532.9	1,669.5	3,374,155	3.1	19.1	19.1		
Not reported	1,015	323	769	0.5	15.6	31,569	31.1	45.2	45.2		
<b>Total</b>	<b>4,276,425</b>	<b>2,099,389</b>	<b>3,705,791</b>	<b>2,116.0</b>	<b>8,244.5</b>	<b>16,662,156</b>	<b>3.9</b>	<b>6.7</b>	<b>6.7</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) Crude rate based on Australian population as at 31 December 2004.

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, 2004–05**

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>	ALOS (days)	ALOS (days) excluding same day		
A00–B99 Certain infectious and parasitic diseases	13,502	3,911	709	6.7	64,123	31.7	4.7	6.3				
C00–D48 Neoplasms	247,138	149,578	4,377	122.3	761,760	376.9	3.1	6.3				
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	25,697	18,215	553	12.7	52,203	25.8	2.0	4.5				
E00–E90 Endocrine, nutritional and metabolic diseases	41,990	20,543	1,288	20.8	134,574	66.6	3.2	5.3				
F00–F99 Mental and behavioural disorders	122,865	92,731	887	60.8	604,961	299.3	4.9	17.0				
G00–G99 Diseases of the nervous system	67,486	22,306	737	33.4	142,455	70.5	2.1	2.7				
H00–H59 Diseases of the eye and adnexa	137,004	123,859	3,004	67.8	140,933	69.7	1.0	1.3				
H60–H95 Diseases of the ear and mastoid process	24,278	18,026	340	12.0	30,694	15.2	1.3	2.0				
I00–I99 Diseases of the circulatory system	154,035	49,665	3,827	76.2	624,293	308.9	4.1	5.5				
J00–J99 Diseases of the respiratory system	79,243	12,903	2,728	39.2	319,004	157.8	4.0	4.6				
K00–K93 Diseases of the digestive system	430,703	326,643	5,715	213.1	686,167	339.5	1.6	3.5				
L00–L99 Diseases of the skin and subcutaneous tissue	39,964	26,596	937	19.8	114,973	56.9	2.9	6.6				
M00–M99 Diseases of the musculoskeletal system and connective tissue	228,518	98,697	2,368	113.1	717,890	355.2	3.1	4.8				
N00–N99 Diseases of the genitourinary system	158,590	89,364	4,219	78.5	331,580	164.1	2.1	3.5				
O00–O99 Pregnancy, childbirth and the puerperium	139,343	50,824	2,938	68.9	459,445	227.3	3.3	4.6				
P00–P96 Certain conditions originating in the perinatal period	10,508	504	364	5.2	80,138	39.7	7.6	8.0				
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	10,220	5,905	176	5.1	19,808	9.8	1.9	3.2				
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	135,063	85,579	3,618	66.8	263,270	130.3	1.9	3.6				
S00–T98 Injury, poisoning and certain other consequences of external causes	85,108	23,392	3,044	42.1	401,997	198.9	4.7	6.1				
Z00–Z99 Factors influencing health status and contact with health services	589,916	527,870	50,446	291.9	1,204,481	596.0	2.0	10.9				
Not reported	1,254	678	3	0.6	11,707	5.8	9.3	19.1				
<b>Total</b>	<b>2,742,425</b>	<b>1,747,789</b>	<b>92,278</b>	<b>1,357.0</b>	<b>7,166,456</b>	<b>3,546.0</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 2004.

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, 2004-05**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-B99 Certain infectious and parasitic diseases	27,918	17,504	11,999	6,605	5,735	1,439	954	1,864	74,018
C00-D48 Neoplasms	77,413	69,192	43,406	20,520	22,004	5,961	3,306	1,150	242,952
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	17,332	18,896	8,524	6,160	4,901	1,215	885	370	58,283
E00-E90 Endocrine, nutritional and metabolic diseases	23,326	24,090	12,590	7,425	7,054	2,079	1,220	1,424	79,208
F00-F99 Mental and behavioural disorders	61,142	39,672	30,107	14,864	15,764	4,610	1,472	1,488	169,119
G00-G99 Diseases of the nervous system	27,964	31,399	14,295	7,965	7,982	2,134	1,441	709	93,889
H00-H59 Diseases of the eye and adnexa	21,874	19,391	7,961	6,473	5,932	420	989	539	63,579
H60-H95 Diseases of the ear and mastoid process	7,670	8,479	6,346	2,717	2,926	330	273	357	29,098
I00-I99 Diseases of the circulatory system	104,849	77,580	51,208	23,307	26,562	6,768	4,988	2,403	297,665
J00-J99 Diseases of the respiratory system	88,930	62,423	40,864	21,159	22,753	4,322	2,785	4,507	247,743
K00-K93 Diseases of the digestive system	121,920	100,042	59,636	34,241	33,216	7,478	4,998	3,981	365,512
L00-L99 Diseases of the skin and subcutaneous tissue	23,292	20,169	14,495	7,529	8,643	1,550	925	2,263	78,866
M00-M99 Diseases of the musculoskeletal system and connective tissue	47,999	43,197	23,713	15,660	13,833	4,342	2,351	1,250	152,345
N00-N99 Diseases of the genitourinary system	65,801	56,332	34,793	17,289	16,185	3,783	2,593	2,111	198,887
O00-O99 Pregnancy, childbirth and the puerperium	103,325	81,452	59,627	24,863	26,515	5,682	4,266	6,066	311,796
P00-P96 Certain conditions originating in the perinatal period	11,910	13,527	7,657	2,602	3,265	773	860	733	41,327
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	7,665	6,742	3,992	1,985	1,700	362	385	185	23,016
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	100,116	88,127	48,488	20,973	23,903	5,253	2,919	2,991	292,770
S00-T98 Injury, poisoning and certain other consequences of external causes	127,934	94,891	74,735	33,242	28,320	7,967	5,522	5,835	378,446
Z00-Z99 Factors influencing health status and contact with health services	274,903	350,322	179,325	107,681	88,403	20,122	20,506	35,629	1,076,891
Not reported	963	2	0	0	0	14	0	36	1,015
<b>Total</b>	<b>1,344,246</b>	<b>1,223,429</b>	<b>733,761</b>	<b>383,260</b>	<b>365,596</b>	<b>86,604</b>	<b>63,638</b>	<b>75,891</b>	<b>4,276,425</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 9.4: Separations<sup>(a)</sup>, by principal diagnosis in ICD-10-AM chapters, private hospitals, states and territories, 2004-05**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-B99 Certain infectious and parasitic diseases	2,577	3,095	4,644	1,745	973	n.p.	n.p.	n.p.	13,502
C00-D48 Neoplasms	66,935	55,301	68,771	25,377	21,881	n.p.	n.p.	n.p.	247,138
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	5,336	7,197	7,602	2,888	1,932	n.p.	n.p.	n.p.	25,697
E00-E90 Endocrine, nutritional and metabolic diseases	10,710	10,667	10,362	4,897	3,473	n.p.	n.p.	n.p.	41,990
F00-F99 Mental and behavioural disorders	29,805	45,404	26,343	12,536	2,278	n.p.	n.p.	n.p.	122,865
G00-G99 Diseases of the nervous system	19,060	18,731	15,501	6,185	5,723	n.p.	n.p.	n.p.	67,486
H00-H59 Diseases of the eye and adnexa	48,573	27,516	32,951	12,008	10,540	n.p.	n.p.	n.p.	137,004
H60-H95 Diseases of the ear and mastoid process	7,087	5,152	4,738	3,097	3,183	n.p.	n.p.	n.p.	24,278
I00-I99 Diseases of the circulatory system	43,991	40,497	37,697	14,500	11,929	n.p.	n.p.	n.p.	154,035
J00-J99 Diseases of the respiratory system	19,881	18,120	20,840	9,812	7,804	n.p.	n.p.	n.p.	79,243
K00-K93 Diseases of the digestive system	122,453	117,904	104,280	43,905	29,972	n.p.	n.p.	n.p.	430,703
L00-L99 Diseases of the skin and subcutaneous tissue	10,525	10,410	9,117	4,416	3,942	n.p.	n.p.	n.p.	39,964
M00-M99 Diseases of the musculoskeletal system and connective tissue	62,892	59,063	41,370	31,891	23,487	n.p.	n.p.	n.p.	228,518
N00-N99 Diseases of the genitourinary system	50,244	37,238	35,527	16,990	11,949	n.p.	n.p.	n.p.	158,590
O00-O99 Pregnancy, childbirth and the puerperium	34,881	40,512	35,256	16,654	6,416	n.p.	n.p.	n.p.	139,343
P00-P96 Certain conditions originating in the perinatal period	1,416	3,645	2,387	2,321	547	n.p.	n.p.	n.p.	10,508
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	3,536	2,139	2,133	1,157	840	n.p.	n.p.	n.p.	10,220
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	32,051	40,022	33,769	15,172	9,809	n.p.	n.p.	n.p.	135,063
S00-T98 Injury, poisoning and certain other consequences of external causes	21,413	20,056	21,518	10,899	7,920	n.p.	n.p.	n.p.	85,108
Z00-Z99 Factors influencing health status and contact with health services	153,831	140,347	162,040	72,265	47,231	n.p.	n.p.	n.p.	589,916
Not reported	1	1,251	0	0	0	n.p.	n.p.	n.p.	1,254
<b>Total</b>	<b>747,198</b>	<b>704,267</b>	<b>676,846</b>	<b>308,715</b>	<b>211,829</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,742,425</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, 2000-01 to 2004-05**

Principal diagnosis	Private hospitals					Public hospitals					Change 2000-01 to 2004-05	
	Change 2000-01 to 2004-05					Change 2000-01 to 2004-05						
	2000-01	2001-02	2002-03	2003-04	2004-05	2000-01	2001-02	2002-03	2003-04	2004-05		
Z49 Care involving dialysis	84,944	89,196	103,852	134,025	144,505	59,561	500,102	546,863	592,391	628,331	670,323	170,221
Z51 Other medical care	115,662	126,016	139,667	148,923	158,814	43,152	121,627	126,153	137,878	137,182	137,271	15,644
Z50 Care involving use of rehabilitation procedures	41,766	48,738	49,778	55,820	69,996	28,230	69,418	72,345	72,909	74,389	68,459	-959
Z12 Special screening examination for neoplasms	477	5,151	16,444	18,224	21,390	20,913	131	2,974	6,566	7,095	7,839	7,708
R07 Pain in throat and chest	15,687	16,714	18,188	19,597	20,932	5,245	52,579	59,681	63,587	68,760	75,061	22,482
Z45 Adjustment and management of implanted device	9,512	11,791	15,848	21,719	25,626	16,114	12,134	13,777	17,008	20,374	21,286	9,152
Z31 Procreative management	12,490	20,475	25,296	28,686	34,885	22,395	3,576	3,978	3,680	4,613	4,701	1,125
H26 Other cataract	57,889	63,012	67,135	67,996	72,193	14,304	31,506	32,655	35,243	35,548	38,423	6,917
O04 Medical abortion	19,529	27,195	37,740	38,042	36,557	17,028	16,443	15,672	14,866	13,544	12,590	-3,853
E11 Type 2 diabetes mellitus	9,583	11,917	12,843	14,096	17,898	8,315	22,057	25,736	27,286	30,182	32,976	10,919
Z80 Family history of malignant neoplasm	20,525	20,590	12,006	10,459	9,907	-10,618	7,486	5,125	2,118	1,583	1,258	-6,228
K92 Other diseases of digestive system	15,458	18,867	21,796	23,888	24,771	9,313	18,384	20,606	22,295	24,038	24,443	6,059
K01 Embedded and impacted teeth	43,004	52,153	55,178	55,548	56,584	13,580	7,204	8,286	6,948	8,268	8,319	1,115
G47 Sleep disorders	22,325	24,619	27,886	30,801	33,309	10,984	11,180	11,512	11,873	12,611	13,665	2,485
K21 Gastro-oesophageal reflux disease	42,587	37,820	37,752	37,200	38,433	-4,154	26,188	21,868	20,615	19,873	19,490	-6,698
M17 Gonarthrosis [arthritis of knee]	23,219	26,686	28,076	29,379	31,123	7,904	12,909	13,442	14,296	14,857	15,740	2,831
Z09 Follow-up examination after treatment for conditions other than	15,964	20,315	22,202	23,979	25,726	9,762	14,125	15,029	15,390	15,543	15,010	885
N97 Female infertility	16,662	9,751	6,785	5,726	8,035	-8,627	4,548	3,747	3,451	2,832	2,530	-2,018
F32 Depressive episode	19,237	22,928	26,583	27,185	27,587	8,350	24,054	23,213	24,549	26,001	26,261	2,207
R10 Abdominal and pelvic pain	36,095	38,227	40,759	40,919	42,358	6,263	56,107	56,901	57,515	56,961	59,962	3,855
I21 Acute myocardial infarction	7,286	7,763	8,396	8,591	8,602	1,316	30,386	32,570	35,371	38,294	39,031	8,645
C61 Malignant neoplasm of prostate	7,845	9,099	10,674	13,705	15,604	7,759	5,870	6,010	6,479	6,842	7,739	1,869
F10 Mental and behavioural disorders due to use of alcohol	9,262	11,619	12,713	14,435	15,150	5,888	16,749	17,575	18,315	18,992	20,002	3,253
I20 Angina pectoris	25,386	25,023	24,354	23,305	22,963	-2,423	63,354	62,000	58,858	58,604	57,266	-6,088
K02 Dental caries	11,998	14,309	15,638	16,638	17,426	5,428	11,649	13,489	12,331	13,980	14,483	2,834
D50 Iron deficiency anaemia	6,398	7,636	8,427	9,067	10,304	3,906	9,917	11,072	11,789	12,957	14,242	4,325
K52 Other noninfective gastroenteritis and colitis	10,938	12,072	13,392	13,947	13,603	2,665	19,841	20,185	22,732	25,996	24,945	5,104
O34 Maternal care for known or suspected abnormality of pelvic organs	6,808	7,885	9,290	10,151	11,117	4,309	11,132	11,418	12,170	13,462	14,537	3,405
N39 Other disorders of urinary system	11,724	13,358	12,760	12,429	13,258	1,534	25,352	26,806	28,070	29,034	31,505	6,153
K29 Gastritis and duodenitis	31,504	27,634	29,060	27,410	27,643	-3,861	22,193	20,590	19,534	18,669	18,481	-3,712

(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital Boarders* and *Post-hospital 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 2000-01 and 2004-05.

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, 2000-01 to 2004-05**

Principal diagnosis	Private patients					Public patients					Change 2000-01 to 2004-05
	Change					Change					
	2000-01	2001-02	2002-03	2003-04	2004-05	2000-01	2001-02	2002-03	2003-04	2004-05	
Z49 Care involving dialysis	115,882	120,084	139,932	166,009	176,229	60,347	515,557	556,009	595,995	638,546	170,367
Z51 Other medical care	122,935	133,729	149,742	158,650	170,306	47,371	112,202	117,875	126,913	124,811	12,609
Z50 Care involving use of rehabilitation procedures	50,575	58,771	60,659	67,466	82,144	31,569	59,983	62,240	61,909	62,723	-3,723
Z12 Special screening examination for neoplasms	500	5,290	16,851	18,808	22,120	21,620	107	2,835	6,112	6,510	6,992
R07 Pain in throat and chest	20,795	22,524	24,455	26,855	28,197	7,402	47,252	53,523	57,015	61,381	20,407
Z45 Adjustment and management of implanted device	10,578	13,021	17,535	24,107	28,024	17,446	11,030	12,432	15,231	17,964	7,733
Z31 Procreative management	14,647	22,568	26,835	31,229	37,073	22,426	1,318	1,156	1,483	2,020	2,430
H26 Other cataract	62,736	67,163	72,352	74,715	78,477	15,741	25,912	26,873	29,463	28,813	31,824
E11 Type 2 diabetes mellitus	11,902	14,381	15,535	17,609	21,507	9,605	19,595	23,051	24,448	26,636	29,213
O04 Medical abortion	22,025	29,331	38,960	39,277	37,629	15,604	13,920	13,279	13,242	11,391	10,468
Z80 Family history of malignant neoplasm	20,922	20,855	12,176	10,665	10,054	-10,868	7,032	4,580	1,911	1,377	1,109
K01 Embedded and impacted teeth	44,911	54,309	58,021	59,051	60,436	15,525	4,798	5,410	3,989	4,758	4,424
K92 Other diseases of digestive system	17,384	20,889	24,063	26,687	27,608	10,224	16,354	18,368	19,831	21,223	21,568
G47 Sleep disorders	22,651	24,743	28,481	31,963	35,010	12,359	10,628	10,831	11,034	11,437	11,897
M17 Gonarthrosis [arthrosis of knee]	23,447	26,898	28,653	30,397	32,168	8,721	12,268	12,908	13,660	13,835	14,689
F32 Depressive episode	20,776	24,630	28,335	29,887	30,251	9,475	22,277	21,038	22,108	23,289	23,582
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	17,086	21,440	23,428	25,438	27,194	10,108	12,933	13,731	14,092	14,077	13,529
K21 Gastro-oesophageal reflux disease	44,303	39,582	39,498	39,295	40,447	40,447	24,167	19,720	18,679	17,758	17,448
N97 Female infertility	18,014	10,893	7,948	6,269	8,346	-9,668	3,094	2,440	2,255	2,282	2,214
R10 Abdominal and pelvic pain	39,818	41,936	44,738	45,454	46,866	7,048	52,064	53,118	52,280	55,280	3,216
I21 Acute myocardial infarction	12,089	12,826	13,865	14,828	15,141	3,052	25,404	27,218	29,695	31,912	32,344
C61 Malignant neoplasm of prostate	8,874	10,112	11,786	14,973	17,045	8,171	4,677	4,834	5,271	5,568	6,280
F10 Mental and behavioural disorders due to use of alcohol	9,156	12,057	13,063	15,143	15,908	6,752	16,203	16,987	17,668	18,265	19,220
K02 Dental caries	13,403	15,604	17,309	18,238	19,298	5,895	10,098	11,948	10,647	12,367	12,600
D50 Iron deficiency anaemia	7,331	8,636	9,550	10,482	11,813	4,482	8,937	9,941	10,582	11,533	12,721
I20 Angina pectoris	35,009	34,229	33,205	32,168	31,907	-3,102	53,263	52,344	49,666	49,640	48,181
N39 Other disorders of urinary system	14,373	16,205	15,791	16,018	17,317	2,944	22,472	23,805	24,918	25,401	27,388
I25 Chronic ischaemic heart disease	16,139	19,353	21,167	22,452	21,706	5,567	14,052	11,696	12,413	11,995	11,787
K52 Other non-infective gastroenteritis and colitis	12,789	13,859	15,358	16,696	16,099	3,310	17,865	18,198	20,613	23,182	22,371
O34 Maternal care for known or suspected abnormality of pelvic organs	7,557	8,874	10,238	11,357	12,355	4,798	10,243	10,338	11,140	12,232	13,229

(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 for public and private patients between 2000-01 and 2004-05.

2. The apparent increase for O04 *Medical abortion* for private patients 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, 2004–05**

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>	Public patient separations 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	53,795	41,705	26.6	26.6	1,303,439	644.9	24.2		
R07 Pain in throat and chest	45,762	39,557	22.6	22.6	88,095	43.6	1.9		
I20 Angina pectoris	45,032	37,288	22.3	22.3	169,709	84.0	3.8		
J18 Pneumonia, organism unspecified	43,084	35,664	21.3	21.3	267,486	132.4	6.2		
J44 Other chronic obstructive pulmonary disease	40,298	33,653	19.9	19.9	294,831	145.9	7.3		
O70 Perineal laceration during delivery	35,501	32,807	17.6	17.6	106,558	52.7	3.0		
I21 Acute myocardial infarction	34,273	27,743	17.0	17.0	213,983	105.9	6.2		
K80 Cholelithiasis	30,934	27,655	15.3	15.3	107,174	53.0	3.5		
I50 Heart failure	29,550	23,645	14.6	14.6	237,044	117.3	8.0		
R10 Abdominal and pelvic pain	28,932	25,665	14.3	14.3	70,391	34.8	2.4		
L03 Cellulitis	24,891	21,418	12.3	12.3	144,838	71.7	5.8		
N39 Other disorders of urinary system	24,265	20,359	12.0	12.0	134,080	66.3	5.5		
J45 Asthma	23,279	21,231	11.5	11.5	56,530	28.0	2.4		
F20 Schizophrenia	23,054	22,725	11.4	11.4	681,545	337.2	29.6		
O80 Single spontaneous delivery	22,324	21,202	11.0	11.0	51,769	25.6	2.3		
S52 Fracture of forearm	20,600	16,707	10.2	10.2	50,078	24.8	2.4		
E11 Type 2 diabetes mellitus	20,439	17,808	10.1	10.1	195,811	96.9	9.6		
S72 Fracture of femur	19,698	14,604	9.7	9.7	236,061	116.8	12.0		
I48 Atrial fibrillation and flutter	19,194	15,267	9.5	9.5	78,744	39.0	4.1		
Z75 Problems related to medical facilities and other health care	18,767	15,058	9.3	9.3	712,802	352.7	38.0		
T81 Complications of procedures, not elsewhere classified	17,234	14,342	8.5	8.5	116,204	57.5	6.7		
S82 Fracture of lower leg, including ankle	16,847	12,470	8.3	8.3	104,601	51.8	6.2		
F32 Depressive episode	16,430	15,418	8.1	8.1	180,252	89.2	11.0		
K35 Acute appendicitis	15,949	13,588	7.9	7.9	54,178	26.8	3.4		
K40 Inguinal hernia	14,570	12,460	7.2	7.2	26,422	13.1	1.8		
R55 Syncope and collapse	14,536	11,507	7.2	7.2	48,139	23.8	3.3		
P07 Disorders related to short gestation and low birth weight, not elsewhere classified	14,150	12,653	7.0	7.0	263,773	130.5	18.6		
F10 Mental and behavioural disorders due to use of alcohol	14,140	13,487	7.0	7.0	71,816	35.5	5.1		
K52 Other non-infective gastroenteritis and colitis	14,076	11,916	7.0	7.0	50,721	25.1	3.6		
O34 Maternal care for known or suspected abnormality of pelvic organs	14,072	12,647	7.0	7.0	57,889	28.6	4.1		
Other	1,420,668	1,212,210	703.0	703.0	8,356,558	4,134.9	5.9		
Not reported	692	501	0.3	0.3	31,246	15.5	45.2		
<b>Total</b>	<b>2,177,036</b>	<b>1,854,960</b>	<b>1,077.2</b>	<b>1,077.2</b>	<b>14,562,767</b>	<b>7,205.7</b>	<b>6.7</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 2004.

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](http://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, 2004–05**

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	Separations per 10,000 population <sup>(b)</sup>	Patient days	Separations per 10,000 population <sup>(b)</sup>	Patient days			
G47 Sleep disorders	31,880	15	15.8	35,658	17.6	1.1					
Z50 Care involving use of rehabilitation procedures	30,494	848	15.1	502,946	248.9	16.5					
M17 Gonarthrosis [arthrosis of knee]	21,453	362	10.6	151,732	75.1	7.1					
K40 Inguinal hernia	20,921	290	10.4	33,338	16.5	1.6					
I20 Angina pectoris	18,957	312	9.4	80,756	40.0	4.3					
K80 Cholelithiasis	18,452	606	9.1	49,087	24.3	2.7					
M75 Shoulder lesions	16,696	163	8.3	30,209	14.9	1.8					
J35 Chronic diseases of tonsils and adenoids	14,519	170	7.2	15,585	7.7	1.1					
O70 Perineal laceration during delivery	14,422	237	7.1	61,674	30.5	4.3					
R07 Pain in throat and chest	12,910	493	6.4	28,834	14.3	2.2					
M16 Coxarthrosis [arthrosis of hip]	12,213	198	6.0	99,187	49.1	8.1					
I25 Chronic ischaemic heart disease	12,103	16	6.0	44,201	21.9	3.7					
O34 Maternal care for known or suspected abnormality of pelvic organs	10,966	166	5.4	57,300	28.4	5.2					
M23 Internal derangement of knee	10,671	94	5.3	15,614	7.7	1.5					
J18 Pneumonia, organism unspecified	9,460	451	4.7	75,512	37.4	8.0					
N40 Hyperplasia of prostate	9,459	181	4.7	34,344	17.0	3.6					
M51 Other intervertebral disc disorders	9,260	90	4.6	52,698	26.1	5.7					
J34 Other disorders of nose and nasal sinuses	9,030	75	4.5	10,681	5.3	1.2					
C50 Malignant neoplasm of breast	9,000	125	4.5	36,259	17.9	4.0					
I50 Heart failure	8,712	255	4.3	84,788	42.0	9.7					
N81 Female genital prolapse	8,649	137	4.3	36,008	17.8	4.2					
C61 Malignant neoplasm of prostate	8,634	167	4.3	49,753	24.6	5.8					
T81 Complications of procedures, not elsewhere classified	8,612	212	4.3	53,086	26.3	6.2					
N39 Other disorders of urinary system	8,410	241	4.2	42,274	20.9	5.0					
R10 Abdominal and pelvic pain	8,297	337	4.1	26,103	12.9	3.1					
I48 Atrial fibrillation and flutter	8,230	181	4.1	32,577	16.1	4.0					
I83 Varicose veins of lower extremities	8,199	72	4.1	15,832	7.8	1.9					
J44 Other chronic obstructive pulmonary disease	8,153	416	4.0	82,225	40.7	10.1					
C44 Other malignant neoplasms of skin	7,650	72	3.8	28,068	13.9	3.7					
I21 Acute myocardial infarction	7,609	205	3.8	51,022	25.2	6.7					
Other	6,10,039	15,989	301.9	3,490,287	1,727.0	5.7					
Not reported	576	2	0.3	11,029	5.5	19.1					
<b>Total</b>	<b>994,636</b>	<b>23,178</b>	<b>492.2</b>	<b>5,418,667</b>	<b>2,681.2</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 *Postthumous organ procurement* have been excluded.

(b) Crude rate based on Australian population as at 31 December 2004.

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](http://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, 2004–05

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>
Z49 Care involving dialysis	668,759	596,365	330.9
Z51 Other medical care	135,854	118,184	67.2
H26 Other cataract	36,379	28,117	18.0
R10 Abdominal and pelvic pain	31,030	28,784	15.4
R07 Pain in throat and chest	29,299	27,015	14.5
Z45 Adjustment and management of implanted device	19,806	17,322	9.8
C44 Other malignant neoplasms of skin	19,775	17,479	9.8
Z08 Follow-up examination after treatment for malignant neoplasms	16,947	15,435	8.4
Z50 Care involving use of rehabilitation procedures	14,664	13,704	7.3
K92 Other diseases of digestive system	14,569	13,163	7.2
K21 Gastro-oesophageal reflux disease	14,389	12,715	7.1
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	14,212	12,619	7.0
K02 Dental caries	13,790	11,955	6.8
K29 Gastritis and duodenitis	13,019	11,687	6.4
Z30 Contraceptive management	12,971	11,670	6.4
E11 Type 2 diabetes mellitus	12,537	10,738	6.2
I20 Angina pectoris	12,234	10,313	6.1
O04 Medical abortion	11,371	9,290	5.6
G56 Mononeuropathies of upper limb	11,257	10,012	5.6
K52 Other noninfective gastroenteritis and colitis	10,869	10,108	5.4
Z47 Other orthopaedic follow-up care	10,603	9,127	5.2
M54 Dorsalgia	10,243	8,885	5.1
S01 Open wound of head	10,110	8,963	5.0
F32 Depressive episode	9,831	7,982	4.9
N92 Excessive, frequent and irregular menstruation	9,428	8,492	4.7
M23 Internal derangement of knee	9,155	7,992	4.5
S52 Fracture of forearm	9,084	8,034	4.5
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	8,674	8,407	4.3
D12 Benign neoplasm of colon, rectum, anus and anal canal	8,671	7,589	4.3
I84 Haemorrhoids	8,593	7,648	4.3
Other	890,943	780,769	440.8
Not reported	323	268	0.2
<b>Total</b>	<b>2,099,389</b>	<b>1,850,831</b>	<b>1,038.8</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.

(b) Crude rate based on Australian population as at 31 December 2004.

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, 2004–05**

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>
Z51 Other medical care	158,168	5,412	78.3
Z49 Care involving dialysis	144,146	40,760	71.3
H26 Other cataract	64,739	2,098	32.0
K01 Embedded and impacted teeth	54,913	25	27.2
C44 Other malignant neoplasms of skin	39,888	367	19.7
Z50 Care involving use of rehabilitation procedures	39,502	3	19.5
K21 Gastro-oesophageal reflux disease	36,326	304	18.0
O04 Medical abortion	36,316	76	18.0
Z31 Procreative management	34,495	575	17.1
R10 Abdominal and pelvic pain	34,061	494	16.9
H25 Senile cataract	31,331	505	15.5
M23 Internal derangement of knee	31,314	252	15.5
D12 Benign neoplasm of colon, rectum, anus and anal canal	28,372	386	14.0
K29 Gastritis and duodenitis	26,530	260	13.1
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	25,018	215	12.4
Z45 Adjustment and management of implanted device	23,893	187	11.8
Z08 Follow-up examination after treatment for malignant neoplasms	22,194	580	11.0
K57 Diverticular disease of intestine	21,978	248	10.9
I84 Haemorrhoids	21,925	197	10.8
K92 Other diseases of digestive system	21,900	249	10.8
Z12 Special screening examination for neoplasms	21,233	291	10.5
F32 Depressive episode	21,038	27	10.4
K63 Other diseases of intestine	20,016	168	9.9
F33 Recurrent depressive disorder	16,837	3	8.3
K02 Dental caries	16,749	23	8.3
G56 Mononeuropathies of upper limb	15,594	190	7.7
M54 Dorsalgia	14,451	163	7.2
K22 Other diseases of oesophagus	13,241	87	6.6
K62 Other diseases of anus and rectum	12,942	134	6.4
Z30 Contraceptive management	12,221	128	6.0
Other	685,780	14,692	339.3
Not reported	678	1	0.3
<b>Total</b>	<b>1,747,789</b>	<b>69,100</b>	<b>864.8</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.

(b) Crude rate based on Australian population as at 31 December 2004.

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<sup>(b)</sup>, 2004-05**

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population <sup>(c)</sup>
Z49 Care involving dialysis	43,111	43,111	15,886	21.3
Z51 Other medical care	35,111	35,109	379	17.4
O04 Medical abortion	34,853	34,853	1	17.2
H25 Senile cataract	26,906	26,906	239	13.3
H26 Other cataract	24,144	24,143	65	11.9
C44 Other malignant neoplasms of skin	16,824	16,824	156	8.3
K21 Gastro-oesophageal reflux disease	15,890	15,889	0	7.9
R10 Abdominal and pelvic pain	15,207	15,206	3	7.5
Z31 Procreative management	15,059	15,059	572	7.5
K29 Gastritis and duodenitis	13,228	13,228	0	6.5
D12 Benign neoplasm of colon, rectum, anus and anal canal	11,596	11,596	0	5.7
K01 Embedded and impacted teeth	11,087	11,087	4	5.5
K57 Diverticular disease of intestine	9,764	9,764	0	4.8
I84 Haemorrhoids	9,756	9,755	0	4.8
K63 Other diseases of intestine	9,575	9,574	0	4.7
Z12 Special screening examination for neoplasms	8,290	8,290	0	4.1
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	8,075	8,075	1	4.0
K92 Other diseases of digestive system	6,685	6,685	0	3.3
K30 Dyspepsia	6,566	6,566	0	3.2
K62 Other diseases of anus and rectum	6,049	6,049	0	3.0
K02 Dental caries	6,017	6,015	0	3.0
Z41 Procedures for purposes other than remedying health state	5,635	5,627	0	2.8
K22 Other diseases of oesophagus	5,195	5,195	1	2.6
H02 Other disorders of eyelid	4,537	4,536	7	2.2
E11 Type 2 diabetes mellitus	4,533	4,533	32	2.2
K59 Other functional intestinal disorders	4,440	4,440	0	2.2
R19 Other symptoms and signs involving the digestive system and abdomen	4,211	4,211	2	2.1
K44 Diaphragmatic hernia	4,130	4,130	0	2.0
N97 Female infertility	4,069	4,066	11	2.0
Z08 Follow-up examination after treatment for malignant neoplasms	4,045	4,045	0	2.0
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 2004.

n.p. Not published. The data for the *Totals*, *Other* and *Not reported* diagnoses have not been published due to confidentiality concerns.

**Table 9.12: Selected separation statistics<sup>(a)</sup>, by principal diagnosis in ICD-10-AM groupings, public psychiatric hospitals, Australia, 2004-05**

Principal diagnosis	Separations		Same day separations		Public patient separations		Separations per 10,000 population <sup>(b)</sup>		Patient days		ALOS (days)	
	Separations	Public patient separations	Separations per 10,000 population <sup>(b)</sup>	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	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
C00-D48	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
D50-D89	0	0	0	0	0	0	0	0	0.0	0.0	0.0	
E00-E90	3	0	0	0	3	0	0	29	0.0	9.7	9.7	
F00-F03	213	4	201	4	201	0	30,891	15.3	145.0	147.8	147.8	
F04-F09	148	5	139	5	139	0	21,106	10.4	142.6	147.6	147.6	
F10	822	68	812	68	812	0	13,729	6.8	16.7	18.1	18.1	
F11-F19	1,194	24	1,188	24	1,188	1	10,650	5.3	8.9	9.1	9.1	
F20	3,326	32	3,241	32	3,241	2	281,694	139.4	84.7	85.5	85.5	
F21-F29	1,659	68	1,625	68	1,625	1	60,869	30.1	36.7	38.2	38.2	
F30	56	1	55	1	55	0	825	0.4	14.7	15.0	15.0	
F31	1,197	50	1,185	50	1,185	1	38,256	18.9	32.0	33.3	33.3	
F32-F33	1,461	283	1,444	283	1,444	1	23,541	11.6	16.1	19.7	19.7	
F34-F39	194	6	192	6	192	0	2,345	1.2	12.1	12.4	12.4	
F40-F48	1,692	206	1,666	206	1,666	1	10,995	5.4	6.5	7.3	7.3	
F50	47	24	45	24	45	0	197	0.1	4.2	7.5	7.5	
F51-F59	27	1	26	1	26	0	1,005	0.5	37.2	38.6	38.6	
F60-F69	583	53	554	53	554	0	5,894	2.9	10.1	11.0	11.0	
F70-F79	50	1	49	1	49	0	27,937	13.8	558.7	570.1	570.1	
F80-F89	156	106	156	106	156	0	1,254	0.6	8.0	23.0	23.0	
F90-F98	1,267	1,144	1,267	1,144	1,267	1	2,194	1.1	1.7	8.5	8.5	
F99	10	1	10	1	10	0	1,844	0.9	184.4	204.8	204.8	
G00-G99	178	0	169	0	169	0	24,992	12.4	140.4	140.4	140.4	
H00-H95	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
I00-I99	3	0	3	0	3	0	262	0.1	87.3	87.3	87.3	
J00-L99	3	0	3	0	3	0	40	0.0	13.3	0.0	0.0	
M00-M99	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
N00-N99	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
O00-O99	2	0	2	0	2	0	3	0.0	1.5	1.5	1.5	
P00-P96	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
Q00-Q99	2	0	2	0	2	0	3,152	1.6	1,576.0	1,576.0	1,576.0	
R00-R99	223	93	220	93	220	0	11,646	5.8	52.2	88.9	88.9	
S00-S98	10	2	10	2	10	0	922	0.5	92.2	115.0	115.0	
Z03.2, Z81, Z86.5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
Z00-Z99 <sup>(c)</sup>	1,296	185	1,284	185	1,284	1	189,750	93.9	146.4	170.6	170.6	
Not reported	22	2	20	2	20	0	16,291	8.1	740.5	814.5	814.5	
<b>Total</b>	<b>15,844</b>	<b>2,359</b>	<b>15,571</b>	<b>2,359</b>	<b>15,571</b>	<b>8</b>	<b>782,313</b>	<b>387.1</b>	<b>49.4</b>	<b>57.8</b>	<b>57.8</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.

(b) Crude rate based on Australian population as at 31 December 2004.

(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, 2004–05**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z49 Care involving dialysis	191,934	202,145	103,036	66,966	47,159	11,500	15,852	31,731	670,323
Z51 Other medical care	5,574	67,724	22,998	18,854	16,869	3,020	1,110	1,122	137,271
R07 Pain in throat and chest	26,599	20,178	14,228	4,878	6,223	1,220	854	881	75,061
Z50 Care involving use of rehabilitation procedures	21,738	18,361	17,233	4,099	4,370	917	1,023	718	68,459
R10 Abdominal and pelvic pain	20,017	19,198	9,681	4,454	4,369	1,086	609	548	59,962
I20 Angina pectoris	18,370	14,461	11,593	4,980	5,045	1,381	984	452	57,266
J18 Pneumonia, organism unspecified	17,204	12,460	7,164	3,557	3,896	861	611	1,345	47,098
J44 Other chronic obstructive pulmonary disease	16,951	10,441	7,383	3,250	3,738	1,063	347	666	43,839
I21 Acute myocardial infarction	14,646	10,019	7,047	2,632	3,000	846	519	322	39,031
H26 Other cataract	13,292	12,111	4,929	3,493	3,471	158	689	280	38,423
K80 Cholelithiasis	12,895	9,688	6,432	2,830	3,049	939	552	304	36,689
O70 Perineal laceration during delivery	16,434	6,700	6,704	2,294	2,738	459	775	409	36,513
E11 Type 2 diabetes mellitus	9,322	10,152	5,121	3,317	3,081	783	464	736	32,976
I50 Heart failure	11,410	8,893	5,314	2,589	2,857	685	343	300	32,391
N39 Other disorders of urinary system	11,184	8,569	5,340	2,766	2,467	514	378	287	31,505
S52 Fracture of forearm	11,095	7,081	5,647	2,285	2,005	521	603	447	29,684
J45 Asthma	9,720	8,221	5,107	2,695	2,835	385	308	285	29,556
L03 Cellulitis	9,614	7,232	5,038	2,281	1,903	486	432	708	27,694
F20 Schizophrenia	8,060	6,740	5,730	2,240	2,360	745	246	277	26,398
I48 Atrial fibrillation and flutter	9,655	6,813	4,402	2,109	2,058	588	406	232	26,263
F32 Depressive episode	9,850	6,843	4,116	1,997	2,336	816	118	185	26,261
C44 Other malignant neoplasms of skin	6,094	6,445	6,601	2,150	2,936	589	185	96	25,096
K52 Other non-infective gastroenteritis and colitis	7,881	7,939	3,866	2,057	2,331	375	275	221	24,945
K92 Other diseases of digestive system	9,368	6,699	3,402	1,978	2,072	395	265	264	24,443
O80 Single spontaneous delivery	8,767	3,549	6,984	1,740	1,669	488	402	456	24,055
S72 Fracture of femur	8,430	5,379	3,475	1,806	1,824	495	342	152	21,903
R55 Syncope and collapse	7,847	6,114	3,674	1,286	2,188	345	142	157	21,753
Z45 Adjustment and management of implanted device	1,607	10,479	4,976	1,483	1,060	996	585	100	21,286
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	6,627	5,694	4,229	2,137	1,519	265	180	525	21,176
T81 Complications of procedures, not elsewhere classified	6,758	5,722	3,998	1,933	1,670	442	275	353	21,151
Other	814,340	691,377	428,313	222,124	222,498	53,227	33,764	31,296	2,496,939
Not reported	963	2	0	0	0	14	0	36	1,015
<b>Total</b>	<b>1,344,246</b>	<b>1,223,429</b>	<b>733,761</b>	<b>383,260</b>	<b>365,596</b>	<b>86,604</b>	<b>63,638</b>	<b>75,891</b>	<b>4,276,425</b>

(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.

**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, 2004–05**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	30,144	41,225	48,635	19,270	13,986	n.p.	n.p.	n.p.	158,814
Z49 Care involving dialysis	20,369	28,265	47,302	31,985	16,560	n.p.	n.p.	n.p.	144,505
H26 Other cataract	29,572	13,449	12,972	6,720	5,739	n.p.	n.p.	n.p.	72,193
Z50 Care involving use of rehabilitation procedures	37,201	12,336	15,212	1,583	3,539	n.p.	n.p.	n.p.	69,996
K01 Embedded and impacted teeth	15,746	15,551	10,678	8,401	4,312	n.p.	n.p.	n.p.	56,584
C44 Other malignant neoplasms of skin	13,610	9,028	13,797	3,872	5,349	n.p.	n.p.	n.p.	47,538
R10 Abdominal and pelvic pain	10,211	13,905	10,688	4,467	2,178	n.p.	n.p.	n.p.	42,358
M23 Internal derangement of knee	12,655	10,044	7,414	4,825	4,943	n.p.	n.p.	n.p.	41,985
K21 Gastro-oesophageal reflux disease	10,089	11,072	9,845	3,808	2,687	n.p.	n.p.	n.p.	38,433
O04 Medical abortion	7,144	14,378	12,350	2,403	193	n.p.	n.p.	n.p.	36,557
Z31 Procreative management	11,926	9,006	8,661	1,006	1,940	n.p.	n.p.	n.p.	34,885
G47 Sleep disorders	10,763	9,984	7,054	1,775	2,707	n.p.	n.p.	n.p.	33,309
H25 Senile cataract	7,398	7,947	12,459	1,988	1,862	n.p.	n.p.	n.p.	32,098
M17 Gonarthrosis [arthrosis of knee]	9,642	7,339	5,731	3,673	3,207	n.p.	n.p.	n.p.	31,123
D12 Benign neoplasm of colon, rectum, anus and anal canal	10,497	6,087	8,028	3,566	2,052	n.p.	n.p.	n.p.	30,842
K29 Gastritis and duodenitis	8,477	9,032	6,091	2,168	1,513	n.p.	n.p.	n.p.	27,643
F32 Depressive episode	6,773	10,258	6,592	2,443	290	n.p.	n.p.	n.p.	27,587
K57 Diverticular disease of intestine	6,656	7,691	8,111	2,517	1,407	n.p.	n.p.	n.p.	26,893
I84 Haemorrhoids	9,008	7,245	5,104	2,949	1,738	n.p.	n.p.	n.p.	26,823
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	9,147	6,160	5,829	2,595	1,549	n.p.	n.p.	n.p.	25,726
Z45 Adjustment and management of implanted device	3,170	9,661	8,238	1,791	1,801	n.p.	n.p.	n.p.	25,626
K40 Inguinal hernia	8,117	5,598	5,616	2,595	1,829	n.p.	n.p.	n.p.	24,964
K92 Other diseases of digestive system	8,325	5,888	6,596	1,710	1,621	n.p.	n.p.	n.p.	24,771
Z08 Follow-up examination after treatment for malignant neoplasms	8,086	6,183	4,884	2,078	1,386	n.p.	n.p.	n.p.	23,404
I20 Angina pectoris	6,298	6,062	5,817	2,348	1,656	n.p.	n.p.	n.p.	22,963
Z12 Special screening examination for neoplasms	6,123	6,780	4,951	2,878	389	n.p.	n.p.	n.p.	21,390
F33 Recurrent depressive disorder	3,025	10,582	3,204	2,774	532	n.p.	n.p.	n.p.	21,323
M54 Dorsalgia	4,681	6,387	2,988	3,802	2,577	n.p.	n.p.	n.p.	21,158
K63 Other diseases of intestine	7,459	5,291	5,533	1,401	970	n.p.	n.p.	n.p.	20,942
R07 Pain in throat and chest	3,562	5,944	6,026	2,474	2,374	n.p.	n.p.	n.p.	20,932
Other	411,323	384,638	360,440	172,850	118,943	n.p.	n.p.	n.p.	1,507,806
Not reported	1	1,251	0	0	0	n.p.	n.p.	n.p.	1,254
<b>Total</b>	<b>747,198</b>	<b>704,267</b>	<b>676,846</b>	<b>308,715</b>	<b>211,829</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>2,742,425</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, 2004–05**

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	1.5	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.1
R07 Pain in throat and chest	1.7	1.3	1.6	1.5	1.6	1.7	1.3	1.8	1.6
Z50 Care involving use of rehabilitation procedures	20.6	23.6	10.1	26.7	25.6	26.4	13.0	4.9	19.3
R10 Abdominal and pelvic pain	1.8	1.5	1.7	1.9	1.8	1.6	1.7	1.9	1.7
I20 Angina pectoris	3.5	2.8	3.2	2.9	3.2	3.5	2.9	3.4	3.2
J18 Pneumonia, organism unspecified	6.1	5.9	5.1	5.1	5.9	6.3	6.0	4.9	5.8
J44 Other chronic obstructive pulmonary disease	7.2	6.5	6.3	7.1	6.3	7.9	6.7	6.4	6.8
I21 Acute myocardial infarction	5.9	5.6	5.4	5.1	5.6	4.5	4.3	6.2	5.6
H26 Other cataract	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0
K80 Cholelithiasis	3.2	3.1	2.8	3.1	3.1	2.6	2.5	4.0	3.1
O70 Perineal laceration during delivery	3.1	2.9	2.6	3.2	3.0	2.9	2.6	3.5	2.9
E11 Type 2 diabetes mellitus	6.8	5.9	7.2	5.9	5.4	6.0	5.5	7.4	6.3
I50 Heart failure	7.8	7.3	6.5	7.8	7.6	8.0	6.4	5.7	7.4
N39 Other disorders of urinary system	4.8	4.1	4.2	4.6	4.6	5.0	5.1	4.7	4.5
S52 Fracture of forearm	1.9	2.1	1.7	2.4	2.1	2.1	2.0	2.9	2.0
J45 Asthma	2.3	2.0	1.9	2.2	2.3	2.5	2.1	2.4	2.1
L03 Cellulitis	5.7	5.7	4.8	4.5	5.0	5.3	5.1	4.3	5.3
F20 Schizophrenia	33.2	22.3	24.8	25.0	17.1	27.7	15.9	13.9	25.9
I48 Atrial fibrillation and flutter	3.5	3.3	3.0	2.7	3.3	3.6	2.7	3.0	3.3
F32 Depressive episode	7.0	6.9	6.8	9.2	8.8	5.6	15.1	7.6	7.2
C44 Other malignant neoplasms of skin	2.6	1.9	1.6	1.8	1.6	1.9	3.6	4.0	2.0
K52 Other non-infective gastroenteritis and colitis	2.8	2.2	2.4	2.4	2.5	3.0	2.3	3.6	2.5
K92 Other diseases of digestive system	2.4	2.2	2.3	2.0	2.3	2.7	2.3	2.1	2.3
O80 Single spontaneous delivery	2.3	2.4	1.9	2.5	2.2	2.4	1.9	2.6	2.2
S72 Fracture of femur	10.9	11.1	10.3	10.4	11.0	11.1	11.7	16.0	10.9
R55 Syncope and collapse	2.6	2.4	2.4	2.5	2.9	2.7	3.2	2.4	2.5
Z45 Adjustment and management of implanted device	1.4	1.1	1.1	1.1	1.5	1.1	1.1	1.3	1.1
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	2.4	1.9	1.7	2.2	2.5	2.1	3.3	2.1	2.1
T81 Complications of procedures, not elsewhere classified	5.6	6.4	5.0	5.4	5.3	5.7	5.3	5.8	5.7
Other	4.5	3.8	4.1	4.3	4.5	4.7	4.6	4.4	4.2
<b>Total</b>	<b>4.3</b>	<b>3.5</b>	<b>3.7</b>	<b>3.8</b>	<b>4.1</b>	<b>4.4</b>	<b>3.6</b>	<b>3.0</b>	<b>3.9</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, 2004–05**

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	1.1	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
H26 Other cataract	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	5.8	13.9	5.5	20.9	10.7	n.p.	n.p.	n.p.	7.7
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	1.4	1.3	1.6	1.3	n.p.	n.p.	n.p.	1.4
R10 Abdominal and pelvic pain	1.3	1.3	1.5	1.5	1.8	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	1.2	1.2	1.1	n.p.	n.p.	n.p.	1.1
O04 Medical abortion	1.0	1.0	1.0	1.0	1.0	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
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]	5.3	4.9	5.4	6.0	4.4	n.p.	n.p.	n.p.	5.2
D12 Benign neoplasm of colon, rectum, anus and anal canal	1.2	1.4	1.3	1.3	1.3	n.p.	n.p.	n.p.	1.3
K29 Gastritis and duodenitis	1.1	1.1	1.2	1.1	1.2	n.p.	n.p.	n.p.	1.1
F32 Depressive episode	6.6	3.4	6.3	5.4	13.7	n.p.	n.p.	n.p.	5.2
K57 Diverticular disease of intestine	1.7	1.6	2.0	2.3	2.4	n.p.	n.p.	n.p.	1.9
I84 Haemorrhoids	1.1	1.2	1.3	1.4	1.3	n.p.	n.p.	n.p.	1.2
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
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
K40 Inguinal hernia	1.5	1.5	1.4	1.6	1.8	n.p.	n.p.	n.p.	1.5
K92 Other diseases of digestive system	1.2	1.4	1.5	1.4	1.4	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
I20 Angina pectoris	3.6	3.5	4.3	3.1	4.0	n.p.	n.p.	n.p.	3.7
Z12 Special screening examination for neoplasms	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
F33 Recurrent depressive disorder	6.1	3.5	4.7	4.5	14.4	n.p.	n.p.	n.p.	4.6
M54 Dorsalgia	2.8	2.2	3.5	2.1	1.9	n.p.	n.p.	n.p.	2.5
K63 Other diseases of intestine	1.1	1.2	1.2	1.2	1.4	n.p.	n.p.	n.p.	1.2
R07 Pain in throat and chest	1.6	1.7	2.0	1.7	1.7	n.p.	n.p.	n.p.	1.8
Other	3.0	3.2	3.6	3.3	3.3	n.p.	n.p.	n.p.	3.2
<b>Total</b>	<b>2.5</b>	<b>2.6</b>	<b>2.7</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, 2004-05**

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	1	67	183	7,540	23,003	45,917	72,091	97,896	116,015	107,345	11,293	481,351	
Z51 Other medical care	188	1,238	2,002	2,003	3,083	6,605	17,310	37,556	41,389	24,683	2,335	136,392	
Z50 Care involving use of rehabilitation procedures	2	6	79	1,416	2,138	3,283	4,887	9,140	13,184	18,583	6,904	59,622	
I20 Angina pectoris	0	0	1	12	251	2,155	7,133	13,205	14,251	11,192	2,219	50,419	
R07 Pain in throat and chest	0	8	127	836	2,821	7,521	11,130	11,286	8,206	5,867	1,281	49,083	
H26 Other cataract	8	15	70	75	141	527	1,917	5,397	12,735	19,837	4,138	44,860	
C44 Other malignant neoplasms of skin	3	7	12	56	458	1,673	4,447	8,278	10,290	13,399	4,438	43,061	
K40 Inguinal hernia	1,450	980	1,079	1,785	3,056	4,722	6,705	8,486	7,163	4,917	1,003	41,346	
R10 Abdominal and pelvic pain	137	317	2,225	2,927	4,181	5,344	5,756	5,839	4,537	3,162	739	35,164	
M23 Internal derangement of knee	0	1	285	4,623	5,934	7,358	7,236	5,662	2,270	749	45	34,163	
G47 Sleep disorders	3,148	2,148	1,455	461	1,688	4,414	6,645	6,862	3,610	1,693	126	32,250	
I21 Acute myocardial infarction	1	1	1	19	326	1,833	5,233	7,475	7,350	6,710	2,239	31,188	
J18 Pneumonia, organism unspecified	653	2,635	1,374	773	1,359	1,953	2,083	3,155	4,802	7,364	3,881	30,032	
J44 Other chronic obstructive pulmonary disease	2	22	32	11	32	252	1,256	4,207	8,842	11,753	3,176	29,585	
K21 Gastro-oesophageal reflux disease	778	252	444	1,238	3,035	4,887	6,042	5,993	3,735	1,902	324	28,630	
E11 Type 2 diabetes mellitus	0	0	14	50	254	900	2,503	5,367	8,168	8,473	1,618	27,347	
Z08 Follow-up examination after treatment for malignant neoplasms	0	73	54	30	142	600	1,985	5,416	8,755	8,296	1,469	26,820	
K01 Embedded and impacted teeth	62	76	134	759	1,967	3,595	4,794	5,100	4,312	3,592	1,031	25,422	
K92 Other diseases of digestive system	0	3	2	5	74	683	3,142	7,066	7,748	5,044	457	24,224	
I25 Chronic ischaemic heart disease	0	2	9	88	220	1,130	3,620	6,993	6,985	4,276	498	23,821	
D12 Benign neoplasm of colon, rectum, anus and anal canal	0	0	0	1	25	144	1,435	6,026	8,420	6,409	1,260	23,720	
N40 Hyperplasia of prostate	0	0	0	5	17	2	65	1,475	6,652	7,963	5,668	1,495	23,342
C61 Malignant neoplasm of prostate	27	269	557	421	485	1,255	3,320	6,266	6,847	3,446	371	23,264	
Z45 Adjustment and management of implanted device	0	9	23	460	2,059	4,575	5,577	4,831	2,536	1,127	185	21,382	
I84 Haemorrhoids	0	0	4	157	565	1,650	3,266	5,510	5,826	3,889	435	21,302	
M17 Gonarthrosis [arthrosis of knee]	14	6	9	37	166	316	767	2,298	4,864	8,525	4,241	21,243	
F10 Mental and behavioural disorders due to use of alcohol	0	1	133	2,030	3,155	4,664	5,061	4,071	1,278	689	41	21,125	
I48 Atrial fibrillation and flutter	2	0	8	181	532	1,285	2,890	4,978	5,555	4,569	1,120	21,120	
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	54	170	146	287	622	1,670	3,588	5,790	5,165	2,916	316	20,724	
Other	71,110	89,603	117,817	145,467	164,370	195,628	219,469	257,004	245,383	234,460	71,311	1,811,625	
Not reported	83	25	24	64	72	124	145	152	126	146	67	1,028	
<b>Total</b>	<b>77,723</b>	<b>97,961</b>	<b>129,881</b>	<b>188,388</b>	<b>232,241</b>	<b>319,013</b>	<b>423,837</b>	<b>564,387</b>	<b>588,474</b>	<b>540,759</b>	<b>130,067</b>	<b>3,292,736</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 9.18: 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, 2004–05**

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	0	536	5,835	14,941	28,687	52,107	66,539	92,736	66,342	5,754	333,477
Z51 Other medical care	137	1,015	1,493	1,622	3,907	16,058	35,188	42,679	34,993	18,522	2,079	157,693
Z50 Care involving use of rehabilitation procedures	3	29	43	1,193	1,927	3,324	5,561	9,394	14,550	28,001	14,807	78,832
R10 Abdominal and pelvic pain	98	239	3,109	9,654	10,665	11,063	10,945	9,043	6,300	4,594	1,446	67,156
H26 Other cataract	4	26	31	40	108	363	1,988	6,308	18,837	30,421	7,630	66,756
O70 Perineal laceration during delivery	0	0	18	10,189	31,756	8,956	41	0	0	0	0	50,960
O04 Medical abortion	0	0	177	21,011	18,815	8,895	249	0	0	0	0	49,147
R07 Pain in throat and chest	0	7	120	859	2,127	5,149	9,475	10,506	8,675	7,516	2,474	46,908
K01 Embedded and impacted teeth	0	11	2,344	24,013	8,234	2,583	959	420	165	73	20	38,822
K80 Cholelithiasis	2	1	113	3,045	6,531	6,860	6,867	6,258	4,434	3,449	1,174	38,734
Z31 Procreative management	0	0	1	478	16,331	20,749	692	3	0	1	0	38,255
F32 Depressive episode	0	1	592	4,602	5,659	7,010	5,931	4,010	2,975	2,800	673	34,253
N39 Other disorders of urinary system	787	917	770	1,561	1,612	2,828	4,035	4,157	4,270	6,479	4,816	32,232
I20 Angina pectoris	0	0	0	7	81	852	2,942	5,485	7,584	9,218	3,637	29,806
O80 Single spontaneous delivery	0	0	15	7,980	17,400	4,376	19	0	0	0	0	29,791
C44 Other malignant neoplasms of skin	0	5	25	75	525	1,759	4,027	4,963	5,903	8,108	4,183	29,573
K21 Gastro-oesophageal reflux disease	621	171	335	1,043	2,022	3,996	6,442	6,830	4,661	2,616	556	29,293
J18 Pneumonia, organism unspecified	502	2,261	1,176	714	1,326	1,787	2,014	2,599	3,317	5,966	5,076	26,738
K29 Gastritis and duodenitis	15	113	285	1,547	2,436	3,743	4,922	5,136	4,216	2,903	599	25,915
O34 Maternal care for known or suspected abnormality of pelvic	1	0	1	1,974	15,420	8,207	51	0	0	0	0	25,654
M17 Gonarthrosis [arthrosis of knee]	0	0	6	89	314	1,126	3,338	6,245	7,661	5,897	885	25,561
N92 Excessive, frequent and irregular menstruation	0	0	53	672	3,204	10,799	10,067	305	8	4	0	25,112
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	0	0	15	7,677	13,560	3,699	40	0	0	0	0	24,991
K57 Diverticular disease of intestine	1	0	0	17	133	958	3,361	5,919	6,393	5,555	1,506	23,843
K92 Other diseases of digestive system	53	40	119	833	1,638	2,897	4,217	4,644	3,872	3,650	1,828	23,791
Z45 Adjustment and management of implanted device	82	245	387	500	812	2,443	4,819	6,526	4,887	2,548	399	23,648
M54 Dorsalgia	0	14	131	648	1,863	3,298	4,594	4,430	3,404	3,804	1,432	23,618
E11 Type 2 diabetes mellitus	0	1	12	82	238	656	1,713	3,262	6,840	8,436	2,286	23,526
K52 Other non-infective gastroenteritis and colitis	25	48	93	2,436	3,527	2,884	3,025	3,318	3,057	3,362	1,626	23,401
J44 Other chronic obstructive pulmonary disease	1	13	62	22	60	273	1,510	4,127	6,436	7,516	2,514	22,534
Other	53,834	63,245	85,721	200,453	353,691	298,130	278,388	272,091	248,889	272,599	128,731	2,255,773
Not reported	91	11	23	97	165	152	139	108	125	193	135	1,239
<b>Total</b>	<b>56,257</b>	<b>68,413</b>	<b>97,806</b>	<b>310,968</b>	<b>541,028</b>	<b>474,560</b>	<b>469,666</b>	<b>495,305</b>	<b>505,188</b>	<b>510,573</b>	<b>196,266</b>	<b>3,726,032</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 9.19: Separation statistics<sup>(a)</sup> related to renal failure<sup>(b)</sup>, by state or territory of usual residence, all hospitals, 2004–05**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total <sup>(c)</sup>
<b>Acute renal failure</b>									
Separations	2,252	1,713	1,074	379	463	n.p.	n.p.	n.p.	6,097
Separations not within state of residence (%)	3	1	1	2	1	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	0.28	0.26	0.21	0.16	0.21	0.19	0.16	0.45	0.25
Private hospitals	0.02	0.05	0.07	0.03	0.03	n.p.	n.p.	n.p.	0.04
Total	0.31	0.32	0.28	0.20	0.25	n.p.	n.p.	n.p.	0.29
Standardised separation rate ratio (SRR)	1.07	1.10	0.97	0.69	0.87	n.p.	n.p.	n.p.	
95% confidence interval of SRR	1.02–1.11	1.05–1.16	0.92–1.03	0.62–0.76	0.79–0.95	n.p.	n.p.	n.p.	
<b>Chronic and unspecified renal failure</b>									
Separations	2,756	1,805	1,687	614	734	n.p.	n.p.	n.p.	8,025
Separations not within state of residence (%)	5	1	3	0	2	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	0.34	0.28	0.34	0.25	0.37	0.35	0.27	0.70	0.32
Private hospitals	0.05	0.06	0.09	0.06	0.05	n.p.	n.p.	n.p.	0.06
Total	0.38	0.34	0.43	0.31	0.42	n.p.	n.p.	n.p.	0.38
Standardised separation rate ratio (SRR)	1.01	0.90	1.13	0.82	1.10	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.97–1.04	0.86–0.94	1.08–1.18	0.76–0.89	1.02–1.18	n.p.	n.p.	n.p.	
<b>Care involving dialysis<sup>(e)</sup></b>									
Separations	224,015	226,289	146,520	99,341	64,972	n.p.	n.p.	n.p.	812,766
Separations not within state of residence (%)	7	0	1	1	3	n.p.	n.p.	n.p.	
Separation rate <sup>(d)</sup>									
Public hospitals	28.18	37.86	26.47	34.38	29.17	21.93	37.05	190.80	32.09
Private hospitals	3.30	5.43	11.12	16.18	9.36	n.p.	n.p.	n.p.	6.86
Total	31.48	43.30	37.59	50.56	38.54	n.p.	n.p.	n.p.	38.96
Standardised separation rate ratio (SRR)	0.81	1.11	0.97	1.30	0.99	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.80–0.81	1.11–1.12	0.96–0.97	1.29–1.31	0.98–1.00	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 *Postinfirmous organ procurement* have been excluded.

(b) These conditions are defined using ICD-10-AM codes in Appendix 3.

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

(d) About 20% of private hospital separations in Tasmania were not included in the National Hospital Morbidity Database

(e) Rate per 1,000 population was directly age-standardised as detailed in Appendix 3.

(f) 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> related to renal failure<sup>(b)</sup>, by Remoteness Area of usual residence, all hospitals, 2004–05**

	Major cities	Inner regional	Outer regional	Remote	Very remote	Total <sup>(c)</sup>
<b>Acute renal failure</b>						
Separations	4,056	1,306	552	81	71	6,097
Separation rate <sup>(d)</sup>						
Public hospitals	0.25	0.24	0.24	0.28	0.58	0.25
Private hospitals	0.05	0.04	0.02	0.02	0.01	0.04
Total	0.29	0.27	0.26	0.30	0.59	0.29
Standardised separation rate ratio (SRR)	1.00	0.93	0.90	1.03	2.03	
95% confidence interval of SRR	0.97–1.03	0.88–0.98	0.82–0.97	0.81–1.26	1.56–2.51	
<b>Chronic and unspecified renal failure</b>						
Separations	4,490	1,844	1,208	237	215	8,025
Separation rate <sup>(d)</sup>						
Public hospitals	0.27	0.32	0.50	0.76	1.52	0.32
Private hospitals	0.06	0.07	0.05	0.06	0.01	0.06
Total	0.33	0.39	0.55	0.81	1.53	0.39
Standardised separation rate ratio (SRR)	1.00	1.00	1.41	2.08	3.92	
95% confidence interval of SRR	0.82–0.87	0.95–1.05	1.33–1.49	1.81–2.34	3.40–4.45	
<b>Care involving dialysis<sup>(e)</sup></b>						
Separations	563,034	135,307	76,454	19,184	17,685	812,766
Separation rate <sup>(d)</sup>						
Public hospitals	33.92	24.27	32.55	44.80	104.38	32.37
Private hospitals	8.04	4.98	2.45	15.58	9.02	6.93
Total	41.96	29.25	35.01	60.38	113.40	39.30
Standardised separation rate ratio (SRR)	1.07	0.74	0.89	1.54	2.89	
95% confidence interval of SRR	1.06–1.07	0.74–0.75	0.88–0.90	1.51–1.56	2.84–2.93	

(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 3.

(c) Includes unknown remoteness area and excludes overseas residents and unknown state of residence.

(d) Rate per 1,000 population was directly age-standardised as detailed in Appendix 3.

(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> related to renal failure<sup>(b)</sup>, by quintile of socioeconomic advantage/disadvantage<sup>(c)</sup>, all hospitals, Australia, 2004–05**

	Most disadvantaged	Second most disadvantaged	Middle quintile	Second most advantaged	Most advantaged	Total <sup>(d)</sup>
<b>Acute renal failure</b>						
Separations	1,406	1,235	1,296	1,096	1,051	6,097
Separation rate <sup>(e)</sup>						
Public hospitals	0.29	0.27	0.29	0.22	0.18	0.25
Private hospitals	0.03	0.03	0.03	0.06	0.05	0.04
Total	0.32	0.30	0.32	0.27	0.23	0.29
Standardised separation rate ratio (SRR)	1.10	1.03	1.11	0.95	0.80	
95% confidence interval of SRR	1.04–1.16	0.97–1.09	1.05–1.17	0.89–1.00	0.76–0.85	
<b>Chronic and unspecified renal failure</b>						
Separations <sup>(d)</sup>	2,297	1,861	1,535	1,276	1,038	8,025
Separation rate <sup>(e)</sup>						
Public hospitals	0.46	0.39	0.33	0.26	0.17	0.32
Private hospitals	0.07	0.06	0.04	0.07	0.07	0.06
Total	0.53	0.45	0.37	0.32	0.24	0.39
Standardised separation rate ratio (SRR)	1.36	1.17	0.97	0.83	0.63	
95% confidence interval of SRR	1.30–1.42	1.12–1.22	0.92–1.02	0.79–0.88	0.59–0.67	
<b>Care involving dialysis<sup>(f)</sup></b>						
Separations <sup>(d)</sup>	174,751	163,152	176,335	160,378	137,211	812,766
Separation rate <sup>(e)</sup>						
Public hospitals	35.50	33.74	36.28	32.49	24.44	32.41
Private hospitals	4.78	6.28	6.78	8.43	8.62	6.93
Total	40.28	40.02	43.05	40.92	33.05	39.34
Standardised separation rate ratio (SRR)	1.02	1.02	1.09	1.04	0.84	
95% confidence interval of SRR	1.02–1.03	1.01–1.02	1.09–1.10	1.04–1.05	0.84–0.84	

(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-AM codes in Appendix 3.

(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 unknown residence area and excludes overseas residents and unknown state of residence.

(e) Rate per 1,000 population was directly age-standardised as detailed in Appendix 3.

(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>, 2004–05**

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	Indigenous	Other	
A00–B99 Certain infectious and parasitic diseases	3,461	30,104	2.0	4.2	11.5	4.2	2.7
C00–D48 Neoplasms	2,189	200,920	1.3	26.6	14.7	26.6	0.6
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	792	31,585	0.5	4.3	4.3	4.3	1.0
E00–E90 Endocrine, nutritional and metabolic diseases	3,400	43,825	2.0	5.9	22.7	5.9	3.9
F00–F99 Mental and behavioural disorders	5,642	97,738	3.3	13.2	22.4	13.2	1.7
G00–G99 Diseases of the nervous system	2,088	56,272	1.2	7.6	10.0	7.6	1.3
H00–H59 Diseases of the eye and adnexa	914	75,490	0.5	10.1	7.8	10.1	0.8
H60–H95 Diseases of the ear and mastoid process	1,237	22,127	0.7	3.1	3.3	3.1	1.1
I00–I99 Diseases of the circulatory system	5,367	162,239	3.1	21.5	38.9	21.5	1.8
J00–J99 Diseases of the respiratory system	10,959	116,780	6.4	16.1	53.1	16.1	3.3
K00–K93 Diseases of the digestive system	8,125	301,106	4.7	40.4	38.5	40.4	1.0
L00–L99 Diseases of the skin and subcutaneous tissue	4,278	46,127	2.5	6.2	17.0	6.2	2.7
M00–M99 Diseases of the musculoskeletal system and connective tissue	2,562	148,642	1.5	19.8	13.2	19.8	0.7
N00–N99 Diseases of the genitourinary system	4,343	130,501	2.5	17.5	22.9	17.5	1.3
O00–O99 Pregnancy, childbirth and the puerperium	12,024	163,373	7.0	23.1	34.7	23.1	1.5
P00–P96 Certain conditions originating in the perinatal period	1,682	17,830	1.0	2.6	3.1	2.6	1.2
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	498	11,494	0.3	1.6	1.0	1.6	0.6
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	6,466	148,639	3.8	19.9	33.6	19.9	1.7
S00–T98 Injury, poisoning and certain other consequences of external causes	13,186	169,283	7.7	23.1	51.4	23.1	2.2
Z00–Z99 Factors influencing health status and contact with health services	83,122	609,452	48.2	81.2	566.8	81.2	7.0
Care involving dialysis	77,196	267,543	44.8	35.6	535.9	35.6	15.0
Other	5,926	341,909	3.4	45.6	30.9	45.6	0.7
Not reported	16	20	0.0	0.0	0.1	0.0	n.p.
<b>Total (excluding care involving dialysis)</b>	<b>95,139</b>	<b>2,315,984</b>	<b>55.2</b>	<b>312.4</b>	<b>435.0</b>	<b>312.4</b>	<b>1.4</b>
<b>Total (including care involving dialysis)</b>	<b>172,351</b>	<b>2,583,547</b>	<b>100.0</b>	<b>348.1</b>	<b>971.0</b>	<b>348.1</b>	<b>2.8</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) 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 due to jurisdictional differences in data quality.

(d) The rates were directly age-standardised as detailed in Appendix 3. The separation rate for non-Indigenous persons includes *Not reported*.

(e) The rate ratio is equal to the separation rate for Indigenous persons divided by the separation rate for other Australians (which includes *Not reported*). n.p. Not published