

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 2007–08 were classified, coded and reported to the National Hospital Morbidity Database (NHMD) by all states and territories using the fifth edition of the *International statistical classification of diseases and related health problems, 10th revision, Australian modification* (ICD-10-AM) (NCCH 2006). 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 2006).

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 9.22)
- 3-character ICD-10-AM groupings – 2,067 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 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> (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 9.19 to 9.21 present information on renal failure.

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 and 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 NHMD with a range of other data. Figure 9.1 demonstrates this using the example of the principal diagnoses *C43–C44 Melanoma and other malignant neoplasms of the skin*.

In 2007–08:

- there were 93,000 separations with these principal diagnoses, with an average length of stay of 1.6 days
- 59.3% of these separations were for males
- just over 33% of these separations were treated in the public sector
- 99.4% had a care type of *Acute care*
- the majority of patients (98.3%) with these diagnoses had a separation mode of *Other*, suggesting that these patients went home after separation from the hospital
- a small proportion (0.5%) were discharged/transferred to an(other) acute hospital and 0.6% died
- 23.7% of patients were from the *Most advantaged* quintile of socioeconomic advantage/disadvantage
- 66.5% of patients treated came from *Major cities*
- the most common procedure performed was *Excision of lesion of skin and subcutaneous tissue* (Block 1620) and the most commonly reported AR-DRG was *Other skin, subcutaneous tissue and breast procedures* (J11Z)
- the most common additional diagnosis was *Other malignant neoplasms of the skin* (C44).

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 chapter (1.2 million separations, 584.2 separations per 10,000 population) and for its high use of beds (1,700 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) (175,000 separations, 82.2 separations

per 10,000 population) had a high rate of bed days (947.9 patient days per 10,000 population) and a relatively long average length of stay (11.5 days).

In the private sector (Table 9.2), *Factors influencing health status and contact with health services* (Z00–Z99) recorded the highest number of separations (738,000), followed by *Diseases of the digestive system* (K00–K93) (463,000) and *Neoplasms* (C00–D48) (286,000). The highest numbers of patient days were recorded for *Factors influencing health status and contact with health services* (Z00–Z99) (1.5 million), *Neoplasms* (C00–D48) (813,000), and *Diseases of the musculoskeletal system and connective tissue* (M00–M99) (756,000).

The chapters with the highest proportions of separations in the public sector were *Certain infectious and parasitic diseases* (A00–B99) (87.4%, 79,800) and *Injury, poisoning and certain other consequences of external causes* (S00–T98) (81.5%, 423,000). The groups with the highest proportions of separations in the private sector were *Diseases of the eye and adnexa* (H00–H59) (71.0%, 164,000) and *Diseases of the musculoskeletal system and connective tissue* (M00–M99) (60.9%, 257,000) (derived from tables 9.1 and 9.2).

The highest proportion of *Public* patients in public hospitals was for *Certain conditions originating in the perinatal period* (P00–P96) (92.7%), and the lowest was for *Injury, poisoning and certain other consequences of external causes* (S00–T98) (80.1%). The highest proportion of *Public* patients in private hospitals was for *Factors influencing health status and contact with health services* (Z00–Z99) (7.2%).

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 by state for the different diagnosis groups. The tables also show 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 (81.4%, 96,600) than in Queensland (68.3%, 48,600).

High-volume diagnoses

Changes from 2003–04 to 2007–08

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 2003–04 and 2007–08. 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 numbers of separations for 24 of the 30 principal diagnoses rose in both the public and in the private sectors over the 5-year period. The principal diagnosis with the greatest increase in separations between 2003–04 and 2007–08 was *Care involving dialysis* (Z49), which rose by 197,000 in public hospitals and 31,400 in private hospitals. In private hospitals, the principal diagnosis of *Care involving use of rehabilitation procedures* (Z50) had the greatest increase in separations over that period (61,800).

There was a rise in the number of separations in the private sector and a decrease in the number of separations in the public sector for the principal diagnosis *Procreative management* (Z31). For this diagnosis, there were 28,700 separations in private hospitals in 2003–04 compared with 46,200 in 2007–08, an overall rise of 61.1%. Public hospital separations for this diagnosis fluctuated over the period.

The number of separations for the principal diagnosis *Angina pectoris* (I20) fell in both public (13.5%) and private hospitals (9.4%) between 2003–04 and 2007–08.

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 2003–04 and 2007–08. Owing to a small proportion of separations whose patient election status was not reported (less than 5% in each year), the overall changes by principal diagnosis in Table 9.6 are slightly different from those presented in Table 9.5.

The number of separations rose over the 5-year period, for 29 of the principal diagnoses for Private patients and 25 diagnoses for Public patients.

There was a rise in the number of separations for *Private* patients and a fall in the number of separations for *Public* patients for four of the principal diagnoses presented in Table 9.6. For example, there were 67,500 separations for *Care involving use of rehabilitation procedures* (Z50) for *Private* patients in 2003–04 compared with 132,800 separations in 2007–08, a rise of 96.9%. For *Public* patients the number of separations for this principal diagnosis fell by 0.4% from 62,700 in 2003–04 to 62,500 in 2007–08.

The number of separations fell for both *Private* and *Public* patients between 2003–04 and 2007–08 for the principal diagnosis *Angina pectoris* (I20) (by 10.7% and 13.4%, respectively).

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 to 9.10 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) (59,400), followed by *Pain in throat and chest* (R07) (55,500) (Table 9.7). The highest numbers of patient days were reported for *Care involving use of rehabilitation procedures* (Z50) (1.5 million), 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) (40,300). *Sleep disorders* (G47) (39,100) 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) (651,000 patient days and 16.2 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) (822,400), followed by *Other medical care* (Z51) (130,800). 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) (179,000) had the highest number of same-day separations, followed by *Care involving dialysis* (Z49) (165,000).

Of the top 30 principal diagnoses in public hospitals, the highest proportion of same-day separations that were for *Public* patients was for *Pain in throat and chest* (R07) (91.1%), and the lowest was for *Depressive episode* (F32) (80.5%). In private hospitals, the highest proportion of same-day separations that were for *Public* patients was for *Care involving dialysis* (Z49) (28.2%).

The most common principal diagnoses groups in private free-standing day hospitals were *Care involving dialysis* (Z49) (90,800) and *Medical abortion* (O04) (40,500) (Table 9.11). Of the top 30 principal diagnoses in private free-standing day hospital facilities, the proportion for *Public* patients was highest for *Care involving dialysis* (Z49) (38.8%).

In public psychiatric hospitals, 95.4% of separations in public psychiatric hospitals were for *Public* patients and most diagnoses were in the *Mental and behavioural disorders* chapter (F00–F99) (89.4%) (Table 9.12). *Schizophrenia* (F20) was the most common principal diagnosis reported (2,900) and accounted for more patient days than any other group (237,000). The average length of stay was high for most of the disease groups and only 12.3% of separations (1,800) were same-day separations, compared with 49.8% 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). For example, *Care involving dialysis* (Z49) accounted for 17.4% of public sector separations nationally, but 43.9% of separations in the Northern Territory. In the private sector, *Care involving use of rehabilitation procedures* (Z50) accounted for 3.8% of separations nationally, but 7.9% of separations in New South Wales. Average length of stay for separations for the most common diagnoses also varied across states and territories (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 9.6 days in the Northern Territory to 25.3 days in Tasmania. The average length of stay in the private sector for *Care involving use of rehabilitation procedures* (Z50) ranged from 4.5 days in New South Wales to 22.7 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 disorders were more common in different age groups. For example *Single spontaneous delivery* (O80) was highest 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 *Care involving use of rehabilitation procedures* (Z50). The majority of the 30 most common principal diagnoses were relatively uncommon for persons aged 0–4 years.

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 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 6,800 separations for *Acute renal failure*, 8,200 for *Chronic and unspecified renal failure* and 989,000 for *Care involving dialysis* (12.6% of separations overall, 17.4% for public hospitals and 5.3% for private hospitals (Table 9.5)). The highest rates for 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 with the highest separation rate for *Acute renal failure*, *Chronic and unspecified renal failure*, and *Care involving dialysis* was *Very remote* (0.4, 1.6 and 153.4 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* (0.05 and 0.04 respectively); *Major cities* and *Inner regional* areas also had the highest rates for *Chronic and unspecified renal failure* (0.06); and *Very remote* areas had the highest rate for *Care involving dialysis* (31.8).

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. 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* for both sectors combined. With different patterns in the public and private sector, *Care involving dialysis* had the highest separation rates in the *Middle* and *Most disadvantaged* quintiles.

Aboriginal and Torres Strait Islander people

Table 9.22 reports separation statistics by Indigenous status. These statistics are presented for New South Wales, Victoria, Queensland, Western Australia, South Australia and public hospitals in the Northern Territory (see *Appendix 1* for more information).

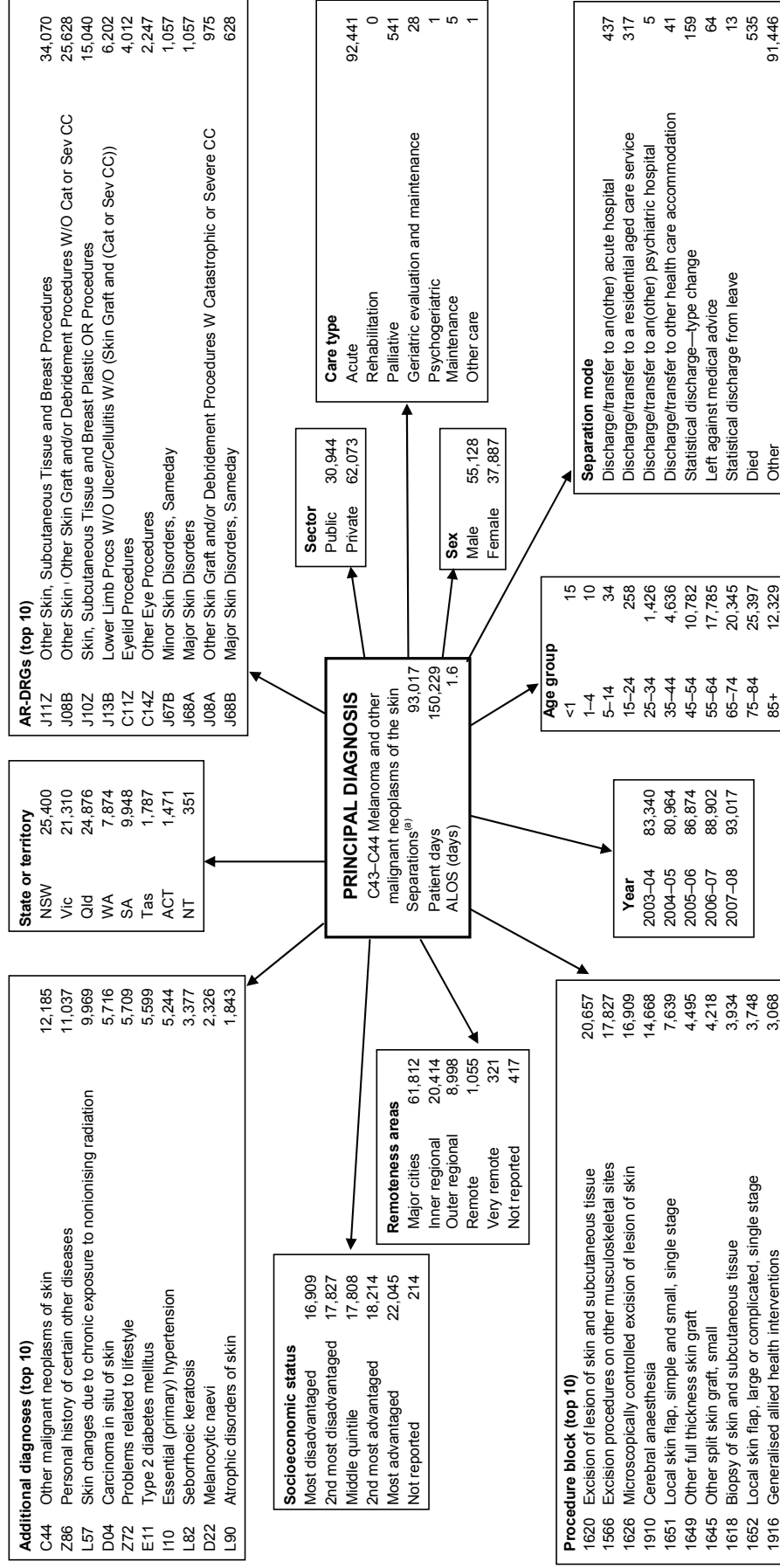
The most common principal diagnosis chapter for patients identified as *Indigenous* was *Factors influencing health status and contact with health services*, of which *Care involving dialysis (Z49)* accounted for 115,300 separations. This was consistent with previous years and represented approximately 42.5% of all separations for patients identified as *Indigenous*, compared with 11.5% for *Other Australians* separations. The next most common diagnosis chapter was *Injury, poisoning and certain other consequences of external causes (S00–T98)* (19,900), followed by *Pregnancy, childbirth and the puerperium (O00–O99)* (19,300). These two chapters of principal diagnoses represent 7.3% and 7.1% respectively 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, *Indigenous Australians* were hospitalised with a principal diagnosis of *Care involving dialysis* at 12 times the rate for *Other Australians*.

Additional data

The accompanying tables on the Internet at <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: AR-DRG—Australian Refined Diagnosis Related Group; ALOS—average length of stay; CC—complication or comorbidity; Cat—Catastrophic; Sev—Severe; W/O—without.

Figure 9.1: Interrelationships of a principal diagnosis (C43-C44 Melanoma and other malignant neoplasms of the skin) with other data elements, all hospitals, Australia, 2007-08

Table 9.1: Selected separation statistics^(a), by principal diagnosis in ICD-10-AM chapters, public hospitals, Australia, 2007–08

Principal diagnosis	Separations		Same-day separations		Separations per 10,000 population ^(b)		Patient days	Patient days per 10,000 population ^(b)	ALOS (days)	ALOS (days) excluding same day
	Separations	Public patient separations	Separations	Public patient separations	Separations per 10,000 population ^(b)	Separations per 10,000 population ^(b)				
A00–B99 Certain infectious and parasitic diseases	79,788	68,462	18,930	68,462	37.6	157.2	333,770	157.2	4.2	5.2
C00–D48 Neoplasms	261,450	218,166	120,940	218,166	123.1	603.9	1,282,651	603.9	4.9	8.3
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	67,390	56,540	43,963	56,540	31.7	76.9	163,354	76.9	2.4	5.1
E00–E90 Endocrine, nutritional and metabolic diseases	94,610	81,056	38,021	81,056	44.5	215.1	456,783	215.1	4.8	7.4
F00–F99 Mental and behavioural disorders	174,599	161,581	40,611	161,581	82.2	947.9	2,013,054	947.9	11.5	14.7
G00–G99 Diseases of the nervous system	107,133	91,677	45,474	91,677	50.4	210.9	447,889	210.9	4.2	6.5
H00–H59 Diseases of the eye and adnexa	66,954	56,368	16,361	56,368	31.5	40.5	85,987	40.5	1.3	2.8
H60–H95 Diseases of the ear and mastoid process	28,483	24,861	16,361	24,861	13.4	22.1	46,992	22.1	1.6	2.5
I00–I99 Diseases of the circulatory system	315,481	256,797	70,506	256,797	148.5	756.7	1,607,047	756.7	5.1	6.3
J00–J99 Diseases of the respiratory system	276,928	236,499	45,524	236,499	130.4	551.8	1,171,823	551.8	4.2	4.9
K00–K93 Diseases of the digestive system	396,094	335,012	171,934	335,012	186.5	550.0	1,168,068	550.0	2.9	4.4
L00–L99 Diseases of the skin and subcutaneous tissue	88,168	77,419	31,176	77,419	41.5	173.0	367,361	173.0	4.2	5.9
M00–M99 Diseases of the musculoskeletal system and connective tissue	164,602	141,485	68,085	141,485	77.5	306.5	650,863	306.5	4.0	6.0
N00–N99 Diseases of the genitourinary system	206,452	180,886	94,135	180,886	97.2	263.7	559,962	263.7	2.7	4.1
O00–O99 Pregnancy, childbirth and the puerperium	334,548	308,314	77,437	308,314	157.5	420.4	892,822	420.4	2.7	3.2
P00–P96 Certain conditions originating in the perinatal period	45,466	42,149	6,257	42,149	21.4	198.1	420,718	198.1	9.3	10.6
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	23,860	19,477	11,687	19,477	11.2	45.7	97,008	45.7	4.1	7.0
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	348,293	300,488	156,052	300,488	164.0	353.4	750,478	353.4	2.2	3.1
S00–T98 Injury, poisoning and certain other consequences of external causes	422,661	338,480	139,654	338,480	199.0	791.4	1,680,677	791.4	4.0	5.4
Z00–Z99 Factors influencing health status and contact with health services	1,240,700	1,079,269	1,110,245	1,079,269	584.2	1,706.2	3,623,545	1,706.2	2.9	19.3
Not reported	401	345	241	345	0.2	7.1	15,093	7.1	37.6	92.8
Total	4,744,061	4,072,960	2,363,601	4,072,960	2,233.8	8,398.2	17,835,945	8,398.2	3.8	6.5

(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 2007.

Abbreviation: ALOS—average length of stay.

Table 9.2: Selected separation statistics^(a), by principal diagnosis in ICD-10-AM chapters, private hospitals, Australia, 2007–08

Principal diagnosis	Separations		Same-day separations		Public patient separations		Separations per 10,000 population ^(b)		Patient days per 10,000 population ^(b)		ALOS (days)	
	Separations	Public patient separations	Separations	Public patient separations	Separations per 10,000 population ^(b)	Public patient separations per 10,000 population ^(b)	Patient days per 10,000 population ^(b)	Patient days per 10,000 population ^(b)	ALOS (days)	ALOS (days) excluding same day		
A00–B99 Certain infectious and parasitic diseases	11,503	182	3,009	182	5.4	61,370	28.9	5.3	6.9			
C00–D48 Neoplasms	285,781	3,537	179,770	3,537	134.6	813,220	382.9	2.8	6.0			
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	31,417	263	23,896	263	14.8	56,892	26.8	1.8	4.4			
E00–E90 Endocrine, nutritional and metabolic diseases	58,830	997	28,947	997	27.7	158,372	74.6	2.7	4.3			
F00–F99 Mental and behavioural disorders	132,462	339	98,560	339	62.4	713,481	335.9	5.4	18.1			
G00–G99 Diseases of the nervous system	78,619	556	26,798	556	37.0	146,686	69.1	1.9	2.3			
H00–H59 Diseases of the eye and adnexa	163,851	2,602	153,541	2,602	77.2	166,513	78.4	1.0	1.3			
H60–H95 Diseases of the ear and mastoid process	24,695	98	18,601	98	11.6	30,251	14.2	1.2	1.9			
I00–I99 Diseases of the circulatory system	159,641	3,476	54,366	3,476	75.2	617,838	290.9	3.9	5.4			
J00–J99 Diseases of the respiratory system	84,982	878	15,572	878	40.0	321,415	151.3	3.8	4.4			
K00–K93 Diseases of the digestive system	463,292	3,682	361,330	3,682	218.1	700,429	329.8	1.5	3.3			
L00–L99 Diseases of the skin and subcutaneous tissue	40,417	409	26,998	409	19.0	119,294	56.2	3.0	6.9			
M00–M99 Diseases of the musculoskeletal system and connective tissue	256,785	995	111,954	995	120.9	755,511	355.7	2.9	4.4			
N00–N99 Diseases of the genitourinary system	164,048	1,618	93,762	1,618	77.2	327,808	154.4	2.0	3.3			
O00–O99 Pregnancy, childbirth and the puerperium	149,316	624	56,363	624	70.3	475,571	223.9	3.2	4.5			
P00–P96 Certain conditions originating in the perinatal period	12,126	42	462	42	5.7	87,657	41.3	7.2	7.5			
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	10,378	56	6,031	56	4.9	21,224	10.0	2.0	3.5			
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	164,711	1,898	113,060	1,898	77.6	296,982	139.8	1.8	3.6			
S00–T98 Injury, poisoning and certain other consequences of external causes	95,825	1,169	28,325	1,169	45.1	427,795	201.4	4.5	5.9			
Z00–Z99 Factors influencing health status and contact with health services	738,016	52,797	661,845	52,797	347.5	1,498,215	705.4	2.0	11.0			
Not reported	3,190	9	1,911	9	1.5	10,049	4.7	3.2	6.4			
Total	3,129,885	76,227	2,065,101	76,227	1,473.7	7,806,573	3,675.8	2.5	5.4			

(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 2007.

Abbreviation: ALOS—average length of stay.

Table 9.3: Separations^(a), by principal diagnosis in ICD-10-AM chapters, public hospitals, states and territories, 2007-08

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-B99 Certain infectious and parasitic diseases	28,550	19,951	14,648	6,901	5,357	1,204	1,133	2,044	79,788
C00-D48 Neoplasms	78,125	75,994	47,769	25,064	23,251	6,039	3,595	1,613	261,450
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	19,082	22,183	9,918	7,214	6,143	1,330	1,125	395	67,390
E00-E90 Endocrine, nutritional and metabolic diseases	26,402	28,296	15,708	9,938	8,522	2,411	1,323	2,010	94,610
F00-F99 Mental and behavioural disorders	64,691	40,947	27,671	16,317	16,647	4,590	2,091	1,645	174,599
G00-G99 Diseases of the nervous system	29,975	35,907	17,708	9,324	9,273	2,406	1,759	781	107,133
H00-H69 Diseases of the eye and adnexa	22,694	19,100	8,649	8,075	6,134	571	1,036	695	66,954
H60-H95 Diseases of the ear and mastoid process	7,402	7,861	6,258	2,806	2,861	411	406	478	28,483
I00-I99 Diseases of the circulatory system	108,870	82,958	56,745	25,299	26,547	6,847	5,630	2,585	315,481
J00-J99 Diseases of the respiratory system	96,609	68,899	48,580	24,324	24,850	5,085	3,729	4,852	276,928
K00-K93 Diseases of the digestive system	129,562	110,392	68,387	41,000	28,294	7,898	6,159	4,402	396,094
L00-L99 Diseases of the skin and subcutaneous tissue	26,532	21,412	17,440	9,147	8,607	1,625	998	2,407	88,168
M00-M99 Diseases of the musculoskeletal system and connective tissue	50,543	44,886	26,758	18,314	15,292	4,194	3,103	1,512	164,602
N00-N99 Diseases of the genitourinary system	66,369	57,693	36,852	18,279	17,377	4,381	3,257	2,244	206,452
O00-O99 Pregnancy, childbirth and the puerperium	108,213	83,038	67,138	32,213	26,666	6,095	4,909	6,276	334,548
P00-P96 Certain conditions originating in the perinatal period	12,251	15,330	8,552	3,503	3,351	788	975	716	45,466
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	8,030	6,726	4,154	2,099	1,758	507	413	173	23,860
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	109,807	107,608	59,367	28,819	27,250	7,004	4,604	3,834	348,293
S00-T98 Injury, poisoning and certain other consequences of external causes	137,088	107,848	84,433	38,970	31,087	8,556	7,402	7,277	422,661
Z00-Z99 Factors influencing health status and contact with health services	335,700	393,994	205,230	130,596	79,063	24,318	27,480	44,319	1,240,700
Not reported	242	149	0	0	0	10	0	0	401
Total	1,466,737	1,351,172	831,965	458,202	368,330	96,270	81,127	90,258	4,744,061

(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^(a), by principal diagnosis in ICD-10-AM chapters, private hospitals, states and territories, 2007-08

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-B99 Certain infectious and parasitic diseases	2,275	2,815	4,121	941	900	n.p.	n.p.	n.p.	11,503
C00-D48 Neoplasms	77,013	64,465	79,269	28,118	25,867	n.p.	n.p.	n.p.	285,781
D50-D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	6,094	9,175	10,161	2,657	2,259	n.p.	n.p.	n.p.	31,417
E00-E90 Endocrine, nutritional and metabolic diseases	14,625	13,962	15,376	7,013	4,856	n.p.	n.p.	n.p.	58,830
F00-F99 Mental and behavioural disorders	37,003	45,229	29,588	12,578	2,138	n.p.	n.p.	n.p.	132,462
G00-G99 Diseases of the nervous system	20,712	21,119	19,673	7,836	6,524	n.p.	n.p.	n.p.	78,619
H00-H59 Diseases of the eye and adnexa	57,050	33,859	39,817	12,883	11,404	n.p.	n.p.	n.p.	163,851
H60-H95 Diseases of the ear and mastoid process	7,287	5,387	4,975	2,857	3,047	n.p.	n.p.	n.p.	24,695
I00-I99 Diseases of the circulatory system	43,173	44,201	39,702	14,406	12,346	n.p.	n.p.	n.p.	159,641
J00-J99 Diseases of the respiratory system	22,067	20,420	22,512	8,132	8,049	n.p.	n.p.	n.p.	84,982
K00-K93 Diseases of the digestive system	133,050	127,107	110,167	43,421	33,316	n.p.	n.p.	n.p.	463,292
L00-L99 Diseases of the skin and subcutaneous tissue	10,476	10,919	9,442	3,863	3,982	n.p.	n.p.	n.p.	40,417
M00-M99 Diseases of the musculoskeletal system and connective tissue	67,614	66,572	49,775	33,615	25,749	n.p.	n.p.	n.p.	256,785
N00-N99 Diseases of the genitourinary system	51,752	39,169	36,776	15,400	12,884	n.p.	n.p.	n.p.	164,048
O00-O99 Pregnancy, childbirth and the puerperium	36,680	42,747	38,617	17,439	6,781	n.p.	n.p.	n.p.	149,316
P00-P96 Certain conditions originating in the perinatal period	2,718	3,709	2,526	1,928	817	n.p.	n.p.	n.p.	12,126
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities	3,491	2,462	2,284	1,014	770	n.p.	n.p.	n.p.	10,378
R00-R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	38,168	51,674	40,624	15,509	12,130	n.p.	n.p.	n.p.	164,711
S00-T98 Injury, poisoning and certain other consequences of external causes	23,639	22,834	24,940	10,408	9,988	n.p.	n.p.	n.p.	95,825
Z00-Z99 Factors influencing health status and contact with health services	203,033	171,286	199,954	85,400	59,790	n.p.	n.p.	n.p.	738,016
Not reported	0	3,180	0	0	0	n.p.	n.p.	n.p.	3,190
Total	857,920	802,291	780,299	325,418	243,597	n.p.	n.p.	n.p.	3,129,885

(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 9.5: Separations^(a) 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, 2003-04 to 2007-08

Principal diagnosis	Private hospitals										Public hospitals																			
	2003-04					2004-05					2005-06					2006-07					2007-08					Change 2003-04 to 2007-08				
	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2007-08			
Z49 Care involving dialysis	134,025	144,505	154,066	145,533	165,456	134,025	144,505	154,066	145,533	165,456	134,025	144,505	154,066	145,533	165,456	628,331	670,323	734,184	792,270	825,331	628,331	670,323	734,184	792,270	825,331	197,000	197,000			
Z50 Care involving use of rehabilitation procedures	55,820	69,996	85,061	98,100	117,610	55,820	69,996	85,061	98,100	117,610	55,820	69,996	85,061	98,100	117,610	74,389	68,459	70,027	73,103	77,970	74,389	68,459	70,027	73,103	77,970	3,581	3,581			
Z51 Other medical care	148,923	158,814	164,744	171,854	179,394	148,923	158,814	164,744	171,854	179,394	148,923	158,814	164,744	171,854	179,394	137,182	137,271	138,474	144,657	132,143	137,182	137,271	138,474	144,657	132,143	-5,039	-5,039			
Z45 Adjustment and management of implanted device	21,597	25,626	32,195	37,165	42,597	21,597	25,626	32,195	37,165	42,597	21,597	25,626	32,195	37,165	42,597	20,374	21,286	22,709	25,660	28,058	20,374	21,286	22,709	25,660	28,058	7,684	7,684			
R07 Pain in throat and chest	19,597	20,932	20,608	21,231	20,817	19,597	20,932	20,608	21,231	20,817	19,597	20,932	20,608	21,231	20,817	68,760	75,061	80,956	91,709	94,867	68,760	75,061	80,956	91,709	94,867	26,107	26,107			
H26 Other cataract	67,996	72,193	73,859	77,169	85,839	67,996	72,193	73,859	77,169	85,839	67,996	72,193	73,859	77,169	85,839	35,548	38,423	39,477	39,241	39,960	35,548	38,423	39,477	39,241	39,960	4,412	4,412			
E11 Type 2 diabetes mellitus	14,096	17,898	19,752	21,789	24,699	14,096	17,898	19,752	21,789	24,699	14,096	17,898	19,752	21,789	24,699	30,182	32,976	35,507	38,926	41,120	30,182	32,976	35,507	38,926	41,120	10,938	10,938			
Z12 Special screening examination for neoplasms	18,224	21,390	23,851	29,714	34,645	18,224	21,390	23,851	29,714	34,645	18,224	21,390	23,851	29,714	34,645	7,095	7,839	8,109	9,224	9,655	7,095	7,839	8,109	9,224	9,655	2,560	2,560			
R19 Other symptoms and signs involving the digestive system and abdomen	12,426	12,610	14,266	19,033	25,703	12,426	12,610	14,266	19,033	25,703	12,426	12,610	14,266	19,033	25,703	4,936	4,778	5,170	6,974	9,413	4,936	4,778	5,170	6,974	9,413	4,477	4,477			
Z31 Procreative management	28,686	34,885	36,929	41,206	46,224	28,686	34,885	36,929	41,206	46,224	28,686	34,885	36,929	41,206	46,224	4,613	4,701	4,060	4,290	4,537	4,613	4,701	4,060	4,290	4,537	-76	-76			
H35 Other retinal disorders	1,771	2,265	3,355	8,591	16,003	1,771	2,265	3,355	8,591	16,003	1,771	2,265	3,355	8,591	16,003	1,030	882	993	1,025	1,287	1,030	882	993	1,025	1,287	257	257			
D12 Benign neoplasm of colon, rectum, anus and anal canal	28,392	30,842	31,501	35,706	39,292	28,392	30,842	31,501	35,706	39,292	28,392	30,842	31,501	35,706	39,292	10,029	10,589	10,859	12,041	12,806	10,029	10,589	10,859	12,041	12,806	2,777	2,777			
R10 Abdominal and pelvic pain	40,919	42,358	43,872	45,224	46,519	40,919	42,358	43,872	45,224	46,519	40,919	42,358	43,872	45,224	46,519	56,961	59,962	62,686	66,362	64,517	56,961	59,962	62,686	66,362	64,517	7,556	7,556			
G47 Sleep disorders	30,801	33,309	33,911	36,342	40,066	30,801	33,309	33,911	36,342	40,066	30,801	33,309	33,911	36,342	40,066	12,611	13,665	14,358	14,286	15,591	12,611	13,665	14,358	14,286	15,591	2,980	2,980			
I48 Atrial fibrillation and flutter	10,987	12,033	12,868	14,246	15,295	10,987	12,033	12,868	14,246	15,295	10,987	12,033	12,868	14,246	15,295	25,204	26,263	28,642	31,373	31,869	25,204	26,263	28,642	31,373	31,869	6,665	6,665			
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	23,979	25,726	26,943	30,038	33,586	23,979	25,726	26,943	30,038	33,586	23,979	25,726	26,943	30,038	33,586	15,543	15,010	15,087	15,459	14,611	15,543	15,010	15,087	15,459	14,611	-932	-932			
C61 Malignant neoplasm of prostate	13,705	15,604	17,393	19,741	21,443	13,705	15,604	17,393	19,741	21,443	13,705	15,604	17,393	19,741	21,443	6,842	7,739	8,036	8,781	9,604	6,842	7,739	8,036	8,781	9,604	2,762	2,762			
K92 Other diseases of digestive system	23,888	24,771	25,980	27,986	29,939	23,888	24,771	25,980	27,986	29,939	23,888	24,771	25,980	27,986	29,939	24,038	24,443	25,797	27,854	28,378	24,038	24,443	25,797	27,854	28,378	4,340	4,340			
I20 Angina pectoris	23,305	22,963	22,451	21,579	21,116	23,305	22,963	22,451	21,579	21,116	23,305	22,963	22,451	21,579	21,116	58,604	57,266	54,791	53,530	50,685	58,604	57,266	54,791	53,530	50,685	-7,919	-7,919			
M17 Gonarthrosis [arthrosis of knee]	29,379	31,123	31,547	33,831	36,415	29,379	31,123	31,547	33,831	36,415	29,379	31,123	31,547	33,831	36,415	14,857	15,740	17,707	17,794	17,734	14,857	15,740	17,707	17,794	17,734	2,877	2,877			
F10 Mental and behavioural disorders due to use of alcohol	14,435	15,150	15,756	16,159	18,135	14,435	15,150	15,756	16,159	18,135	14,435	15,150	15,756	16,159	18,135	18,992	20,002	22,366	24,557	25,070	18,992	20,002	22,366	24,557	25,070	6,078	6,078			
N39 Other disorders of urinary system	12,429	13,258	13,063	13,295	13,931	12,429	13,258	13,063	13,295	13,931	12,429	13,258	13,063	13,295	13,931	29,034	31,505	34,080	35,578	37,101	29,034	31,505	34,080	35,578	37,101	8,067	8,067			
O34 Maternal care for known or suspected abnormality of pelvic organs	10,151	11,117	12,247	13,150	13,533	10,151	11,117	12,247	13,150	13,533	10,151	11,117	12,247	13,150	13,533	13,462	14,537	16,479	18,495	18,998	13,462	14,537	16,479	18,495	18,998	5,536	5,536			
K52 Other noninfective gastroenteritis and colitis	13,947	13,603	15,019	15,737	16,079	13,947	13,603	15,019	15,737	16,079	13,947	13,603	15,019	15,737	16,079	25,996	24,945	28,143	31,540	32,778	25,996	24,945	28,143	31,540	32,778	6,782	6,782			
E66 Obesity	3,550	4,990	6,333	7,937	11,943	3,550	4,990	6,333	7,937	11,943	3,550	4,990	6,333	7,937	11,943	694	716	892	1,079	1,171	694	716	892	1,079	1,171	477	477			
C44 Other malignant neoplasms of skin	48,447	47,538	51,815	53,588	56,425	48,447	47,538	51,815	53,588	56,425	48,447	47,538	51,815	53,588	56,425	26,213	25,096	25,906	26,205	27,040	26,213	25,096	25,906	26,205	27,040	827	827			
I21 Acute myocardial infarction	8,591	8,602	9,229	9,142	9,839	8,591	8,602	9,229	9,142	9,839	8,591	8,602	9,229	9,142	9,839	38,294	39,031	40,305	42,525	45,837	38,294	39,031	40,305	42,525	45,837	7,543	7,543			
Z41 Procedures for purposes other than remedying health state	11,880	14,679	15,076	15,135	17,636	11,880	14,679	15,076	15,135	17,636	11,880	14,679	15,076	15,135	17,636	4,824	4,720	4,174	3,660	2,409	4,824	4,720	4,174	3,660	2,409	-2,415	-2,415			
D50 Iron deficiency anaemia	9,067	10,304	10,574	11,196	11,728	9,067	10,304	10,574	11,196	11,728	9,067	10,304	10,574	11,196	11,728	12,957	14,242	15,564	18,142	18,162	12,957	14,242	15,564	18,142	18,162	5,205	5,205			
K01 Embedded and impacted teeth	55,548	56,584	57,422	59,963	63,224	55,548	56,584	57,422	59,963	63,224	55,548	56,584	57,422	59,963	63,224	8,268	8,319	8,177	7,758	8,246	8,268	8,319	8,177	7,758	8,246	-22	-22			

(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.
 Note: 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 combined between 2003-04 and 2007-08.

Table 9.6: Separations^(a) 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, 2003-04 to 2007-08

Principal diagnosis	Private patients										Public patients														
	2003-04					2004-05					2005-06					2006-07					2007-08				
	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	Change 2003-04 to 2007-08				
Z49	166,009	176,229	193,547	208,868	218,028	169,009	176,229	193,547	208,868	218,028	52,019	63,546	694,669	728,745	772,434	176,439	176,439	176,439	176,439	176,439	176,439	176,439			
Z50	67,466	82,144	98,334	112,115	132,822	67,466	82,144	98,334	112,115	132,822	65,356	56,260	56,706	58,917	62,481	-242	56,706	56,706	58,917	62,481	-242	-242			
Z51	158,650	170,306	175,536	185,543	191,877	158,650	170,306	175,536	185,543	191,877	33,227	126,654	124,811	126,653	118,067	-8,587	126,654	124,811	126,653	118,067	-8,587	-8,587			
Z45	24,107	28,024	34,926	39,627	44,961	24,107	28,024	34,926	39,627	44,961	20,854	17,964	18,982	23,083	25,427	7,463	17,964	18,982	23,083	25,427	7,463	7,463			
R07	26,855	28,197	28,274	31,027	31,306	26,855	28,197	28,274	31,027	31,306	4,451	61,381	73,149	81,750	84,183	22,802	61,381	73,149	81,750	84,183	22,802	22,802			
H26	74,715	78,477	80,575	83,313	90,792	74,715	78,477	80,575	83,313	90,792	16,077	28,813	31,824	32,580	34,544	5,731	28,813	31,824	32,580	32,277	34,544	5,731			
E11	17,609	21,507	24,076	26,876	29,392	17,609	21,507	24,076	26,876	29,392	11,783	26,636	29,213	31,083	33,643	9,621	26,636	29,213	31,083	33,643	36,257	9,621			
Z12	18,808	22,120	24,776	31,473	36,624	18,808	22,120	24,776	31,473	36,624	17,816	6,510	7,099	7,182	7,642	1,132	6,510	7,099	7,182	7,642	7,642	1,132			
R19	12,928	13,090	14,866	20,421	27,341	12,928	13,090	14,866	20,421	27,341	14,413	4,429	4,294	4,568	5,581	3,281	4,429	4,294	4,568	5,581	5,581	3,281			
Z31	31,229	37,073	39,217	43,429	48,301	31,229	37,073	39,217	43,429	48,301	17,072	2,020	2,430	1,763	2,008	294	2,020	2,430	1,763	2,008	2,008	294			
H35	2,151	2,542	3,684	8,914	16,347	2,151	2,542	3,684	8,914	16,347	14,196	647	581	644	659	268	647	581	644	659	659	268			
D12	29,277	31,795	32,629	37,455	41,087	29,277	31,795	32,629	37,455	41,087	11,810	9,141	9,627	9,730	10,291	1,739	9,141	9,627	9,730	10,291	10,880	1,739			
R10	45,454	46,866	48,715	51,588	52,841	45,454	46,866	48,715	51,588	52,841	7,387	52,280	55,280	57,689	57,896	5,616	52,280	55,280	57,689	57,896	57,896	5,616			
G47	31,963	35,010	35,949	38,597	42,172	31,963	35,010	35,949	38,597	42,172	10,209	11,437	11,897	12,261	13,267	1,830	11,437	11,897	12,261	11,995	13,267	1,830			
Z09	25,438	27,194	28,484	31,971	35,558	25,438	27,194	28,484	31,971	35,558	10,120	14,077	13,529	13,539	12,586	-1,491	14,077	13,529	13,539	13,513	12,586	-1,491			
I48	15,485	16,651	17,999	20,354	21,463	15,485	16,651	17,999	20,354	21,463	5,978	20,686	21,598	23,490	25,662	4,976	20,686	21,598	23,490	25,239	25,662	4,976			
C61	14,973	17,045	18,873	21,323	23,298	14,973	17,045	18,873	21,323	23,298	8,325	5,568	6,280	6,535	7,734	2,166	5,568	6,280	6,535	7,169	7,734	2,166			
K92	26,687	27,608	29,231	32,198	34,226	26,687	27,608	29,231	32,198	34,226	7,539	21,223	21,568	22,526	24,012	2,789	21,223	21,568	22,526	23,622	24,012	2,789			
I20	32,168	31,907	30,345	29,540	28,714	32,168	31,907	30,345	29,540	28,714	-3,454	49,640	48,181	46,771	45,480	-6,627	49,640	48,181	46,771	45,480	43,013	-6,627			
F10	15,143	15,908	16,425	17,031	19,003	15,143	15,908	16,425	17,031	19,003	3,860	18,265	19,220	21,648	23,643	5,897	18,265	19,220	21,648	23,643	24,162	5,897			
M17	30,397	32,168	32,407	35,160	37,675	30,397	32,168	32,407	35,160	37,675	7,278	13,835	14,689	16,844	16,304	2,469	13,835	14,689	16,844	16,447	16,304	2,469			
N39	16,018	17,317	17,631	18,738	19,753	16,018	17,317	17,631	18,738	19,753	3,735	25,401	27,388	29,481	30,076	5,755	25,401	27,388	29,481	30,076	31,156	5,755			
K52	16,696	16,099	18,027	19,699	20,260	16,696	16,099	18,027	19,699	20,260	3,564	23,182	22,371	25,065	28,482	5,300	23,182	22,371	25,065	27,485	28,482	5,300			
E66	3,632	5,046	6,377	8,072	12,133	3,632	5,046	6,377	8,072	12,133	8,501	610	659	848	931	321	610	659	848	944	931	321			
O34	11,357	12,355	13,632	14,996	15,268	11,357	12,355	13,632	14,996	15,268	3,911	12,232	13,229	15,017	17,086	4,884	12,232	13,229	15,017	16,566	17,086	4,884			
I21	14,828	15,141	16,036	16,561	17,786	14,828	15,141	16,036	16,561	17,786	2,958	31,912	32,344	33,358	37,709	5,797	31,912	32,344	33,358	35,004	37,709	5,797			
C44	51,485	50,232	54,716	56,499	59,162	51,485	50,232	54,716	56,499	59,162	7,677	23,174	22,369	22,992	24,203	1,029	23,174	22,369	22,992	23,271	24,203	1,029			
K21	39,295	40,447	40,863	43,921	45,332	39,295	40,447	40,863	43,921	45,332	6,037	17,758	17,448	17,359	17,120	-1,929	17,758	17,448	17,359	17,120	15,829	-1,929			
D50	10,482	11,813	12,343	13,558	14,174	10,482	11,813	12,343	13,558	14,174	3,692	11,533	12,721	13,789	15,684	4,151	11,533	12,721	13,789	15,767	15,684	4,151			
K01	59,051	60,436	61,265	63,335	66,219	59,051	60,436	61,265	63,335	66,219	7,168	4,758	4,424	4,329	4,341	355	4,758	4,424	4,329	4,341	5,113	355			

(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.
 Note: 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 combined between 2003-04 and 2007-08.

Table 9.7: Selected separation statistics^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of overnight separations, public hospitals, Australia, 2007–08

Principal diagnosis	Separations		Public patient separations		Separations per 10,000 population ^(b)		Patient days per 10,000 population ^(b)		ALOS (days)
	Separations	Public patient separations	Separations per 10,000 population ^(b)	Public patient separations	Separations per 10,000 population ^(b)	Patient days per 10,000 population ^(b)	Patient days per 10,000 population ^(b)		
Z50 Care involving use of rehabilitation procedures	59,362	45,315	28.0	1,484,297	698.9	25.0			
R07 Pain in throat and chest	55,462	47,757	26.1	102,012	48.0	1.8			
J18 Pneumonia, organism unspecified	45,089	36,252	21.2	283,319	133.4	6.3			
J44 Other chronic obstructive pulmonary disease	43,912	37,060	20.7	313,149	147.4	7.1			
I21 Acute myocardial infarction	39,697	31,924	18.7	236,389	111.3	6.0			
I20 Angina pectoris	38,140	31,671	18.0	131,711	62.0	3.5			
O70 Perineal laceration during delivery	37,242	34,065	17.5	102,482	48.3	2.8			
I50 Heart failure	32,543	25,754	15.3	251,157	118.3	7.7			
K80 Cholelithiasis	31,517	27,927	14.8	105,839	49.8	3.4			
R10 Abdominal and pelvic pain	30,908	26,946	14.6	72,801	34.3	2.4			
L03 Cellulitis	29,780	25,181	14.0	170,752	80.4	5.7			
N39 Other disorders of urinary system	28,663	23,363	13.5	161,239	75.9	5.6			
E11 Type 2 diabetes mellitus	24,964	21,518	11.8	231,135	108.8	9.3			
J45 Asthma	24,619	21,927	11.6	56,589	26.6	2.3			
O80 Single spontaneous delivery	24,222	23,027	11.4	51,361	24.2	2.1			
I48 Atrial fibrillation and flutter	22,861	17,761	10.8	92,298	43.5	4.0			
F20 Schizophrenia	22,169	21,280	10.4	701,766	330.4	31.7			
S52 Fracture of forearm	21,931	17,362	10.3	55,941	26.3	2.6			
S72 Fracture of femur	21,353	15,486	10.1	249,563	117.5	11.7			
T81 Complications of procedures, not elsewhere classified	19,671	16,166	9.3	134,454	63.3	6.8			
S82 Fracture of lower leg, including ankle	19,109	14,045	9.0	120,859	56.9	6.3			
K35 Acute appendicitis	18,517	15,401	8.7	59,628	28.1	3.2			
K52 Other noninfective gastroenteritis and colitis	18,498	15,457	8.7	65,564	30.9	3.5			
O34 Maternal care for known or suspected abnormality of pelvic organs	18,467	16,592	8.7	70,038	33.0	3.8			
F10 Mental and behavioural disorders due to use of alcohol	17,730	16,941	8.3	85,824	40.4	4.8			
R55 Syncope and collapse	17,429	13,599	8.2	58,409	27.5	3.4			
Z75 Problems related to medical facilities and other health care	16,953	13,599	8.0	698,143	328.7	41.2			
F32 Depressive episode	16,269	15,139	7.7	186,133	87.6	11.4			
P07 Disorders related to short gestation and low birth weight, not elsewhere classified	15,913	14,238	7.5	296,384	139.6	18.6			
J22 Unspecified acute lower respiratory infection	14,992	12,325	7.1	71,307	33.6	4.8			
Other	1,552,326	1,312,090	730.9	8,757,075	4,123.3	5.6			
Not reported	152	119	0.1	14,726	6.9	96.9			
Total	2,380,460	2,007,287	1,120.9	15,472,344	7,285.2	6.5			

(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 2007.

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^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of overnight separations, private hospitals, Australia, 2007-08

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population ^(b)	Patient days	Patient days per 10,000 population ^(b)	ALOS (days)
Z50 Care involving use of rehabilitation procedures	40,337	539	19.0	651,456	306.7	16.2
G47 Sleep disorders	39,095	117	18.4	42,554	20.0	1.1
M17 Gonarthrosis [arthrosis of knee]	24,845	156	11.7	164,927	77.7	6.6
K40 Inguinal hernia	20,254	168	9.5	29,009	13.7	1.4
M75 Shoulder lesions	19,994	56	9.4	32,382	15.2	1.6
K80 Cholelithiasis	17,994	241	8.5	44,582	21.0	2.5
J35 Chronic diseases of tonsils and adenoids	17,758	50	8.4	18,697	8.8	1.1
I20 Angina pectoris	16,711	135	7.9	67,899	32.0	4.1
O70 Perineal laceration during delivery	14,336	41	6.8	59,348	27.9	4.1
M16 Coxarthrosis [arthrosis of hip]	13,524	82	6.4	100,160	47.2	7.4
O34 Maternal care for known or suspected abnormality of pelvic organs	13,390	26	6.3	66,557	31.3	5.0
R07 Pain in throat and chest	12,823	170	6.0	28,223	13.3	2.2
I25 Chronic ischaemic heart disease	12,446	12	5.9	43,786	20.6	3.5
E66 Obesity	11,109	n.p.	5.2	18,756	8.8	1.7
M23 Internal derangement of knee	10,933	23	5.1	14,852	7.0	1.4
C61 Malignant neoplasm of prostate	10,481	110	4.9	51,966	24.5	5.0
C50 Malignant neoplasm of breast	10,321	88	4.9	36,683	17.3	3.6
N40 Hyperplasia of prostate	10,275	32	4.8	34,324	16.2	3.3
I48 Atrial fibrillation and flutter	10,070	111	4.7	38,669	18.2	3.8
M51 Other intervertebral disc disorders	9,752	20	4.6	49,668	23.4	5.1
J34 Other disorders of nose and nasal sinuses	9,704	n.p.	4.6	10,933	5.1	1.1
T81 Complications of procedures, not elsewhere classified	9,312	66	4.4	60,793	28.6	6.5
N81 Female genital prolapse	9,291	38	4.4	35,444	16.7	3.8
J18 Pneumonia, organism unspecified	9,192	150	4.3	74,521	35.1	8.1
I50 Heart failure	9,075	160	4.3	87,216	41.1	9.6
I21 Acute myocardial infarction	8,801	142	4.1	57,122	26.9	6.5
C44 Other malignant neoplasms of skin	8,400	70	4.0	29,289	13.8	3.5
N39 Other disorders of urinary system	8,371	100	3.9	44,220	20.8	5.3
E11 Type 2 diabetes mellitus	8,014	90	3.8	60,124	28.3	7.5
I83 Varicose veins of lower extremities	7,979	78	3.8	15,404	7.3	1.9
Other	638,918	7,149	300.8	3,663,770	1,725.1	5.7
Not reported	1,279	0	0.6	8,138	3.8	6.4
Total	1,064,784	10,224	501.4	5,741,472	2,703.4	5.4

(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 2007.

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^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of same-day separations, public hospitals, Australia, 2007-08

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population ^(b)
Z49 Care involving dialysis	822,380	723,202	387.2
Z51 Other medical care	130,841	114,074	61.6
R07 Pain in throat and chest	39,405	35,880	18.6
H26 Other cataract	37,993	30,919	17.9
R10 Abdominal and pelvic pain	33,609	30,561	15.8
Z45 Adjustment and management of implanted device	26,269	23,630	12.4
C44 Other malignant neoplasms of skin	21,334	19,053	10.0
Z50 Care involving use of rehabilitation procedures	18,608	16,593	8.8
Z08 Follow-up examination after treatment for malignant neoplasms	17,506	15,672	8.2
K92 Other diseases of digestive system	16,801	14,377	7.9
E11 Type 2 diabetes mellitus	16,156	13,970	7.6
K52 Other noninfective gastroenteritis and colitis	14,280	12,909	6.7
K21 Gastro-oesophageal reflux disease	13,620	11,276	6.4
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	13,609	11,538	6.4
K02 Dental caries	12,867	11,398	6.1
K29 Gastritis and duodenitis	12,822	11,152	6.0
I20 Angina pectoris	12,545	10,635	5.9
D50 Iron deficiency anaemia	11,758	10,240	5.5
G56 Mononeuropathies of upper limb	11,634	10,565	5.5
O04 Medical abortion	11,251	9,327	5.3
Z30 Contraceptive management	11,240	10,107	5.3
Z47 Other orthopaedic follow-up care	11,111	9,518	5.2
S01 Open wound of head	10,899	9,591	5.1
D12 Benign neoplasm of colon, rectum, anus and anal canal	10,473	8,597	4.9
N92 Excessive, frequent and irregular menstruation	10,316	9,502	4.9
Z46 Fitting and adjustment of other devices	10,212	9,246	4.8
M54 Dorsalgia	9,951	8,449	4.7
M23 Internal derangement of knee	9,685	8,547	4.6
S62 Fracture at wrist and hand level	9,577	7,976	4.5
F32 Depressive episode	9,576	7,705	4.5
Other	965,032	839,245	454.4
Not reported	241	219	0.1
Total	2,363,601	2,065,673	1,112.9

(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 2007.

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 9.10: Selected separation statistics^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of same-day separations, private hospitals, Australia, 2007-08

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population ^(b)
Z51 Other medical care	178,997	2,859	84.3
Z49 Care involving dialysis	164,976	46,569	77.7
H26 Other cataract	80,323	1,978	37.8
Z50 Care involving use of rehabilitation procedures	77,273	34	36.4
K01 Embedded and impacted teeth	62,005	68	29.2
C44 Other malignant neoplasms of skin	48,025	261	22.6
Z31 Procreative management	45,839	579	21.6
O04 Medical abortion	41,511	68	19.5
K21 Gastro-oesophageal reflux disease	40,485	91	19.1
Z45 Adjustment and management of implanted device	39,688	289	18.7
R10 Abdominal and pelvic pain	38,940	280	18.3
D12 Benign neoplasm of colon, rectum, anus and anal canal	36,640	209	17.3
M23 Internal derangement of knee	35,286	86	16.6
Z12 Special screening examination for neoplasms	34,388	177	16.2
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	32,732	129	15.4
H25 Senile cataract	27,594	349	13.0
K92 Other diseases of digestive system	26,719	263	12.6
K29 Gastritis and duodenitis	25,976	101	12.2
R19 Other symptoms and signs involving the digestive system and abdomen	24,826	181	11.7
I84 Haemorrhoids	24,742	106	11.6
Z08 Follow-up examination after treatment for malignant neoplasms	24,667	287	11.6
K63 Other diseases of intestine	23,631	113	11.1
K57 Diverticular disease of intestine	21,443	123	10.1
F32 Depressive episode	20,066	6	9.4
K02 Dental caries	19,260	327	9.1
G56 Mononeuropathies of upper limb	17,046	128	8.0
E11 Type 2 diabetes mellitus	16,685	679	7.9
M54 Dorsalgia	15,731	66	7.4
H35 Other retinal disorders	15,396	21	7.2
K22 Other diseases of oesophagus	14,753	53	6.9
Other	787,547	9,514	370.8
Not reported	1,911	9	0.9
Total	2,065,101	66,003	972.4

(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 2007.

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 9.11: Selected separation statistics^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private free-standing day hospitals, Australia, 2007-08

Principal diagnosis	Separations	Public patient separations	Separations per 10,000 population ^(b)
Z49 Care involving dialysis	90,781	35,267	42.7
O04 Medical abortion	40,493	68	19.1
Z51 Other medical care	39,801	910	18.7
H26 Other cataract	36,527	846	17.2
H25 Senile cataract	22,831	256	10.8
Z31 Procreative management	22,190	579	10.4
C44 Other malignant neoplasms of skin	19,702	131	9.3
K21 Gastro-oesophageal reflux disease	17,839	1	8.4
R10 Abdominal and pelvic pain	16,506	0	7.8
K01 Embedded and impacted teeth	15,870	0	7.5
D12 Benign neoplasm of colon, rectum, anus and anal canal	15,283	0	7.2
H35 Other retinal disorders	14,032	20	6.6
Z12 Special screening examination for neoplasms	13,505	2	6.4
K29 Gastritis and duodenitis	13,481	0	6.3
K63 Other diseases of intestine	12,565	0	5.9
I84 Haemorrhoids	11,906	0	5.6
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	11,276	1	5.3
K57 Diverticular disease of intestine	10,901	6	5.1
E11 Type 2 diabetes mellitus	8,048	334	3.8
R19 Other symptoms and signs involving the digestive system and abdomen	7,431	2	3.5
K92 Other diseases of digestive system	7,265	1	3.4
K02 Dental caries	6,873	163	3.2
K30 Dyspepsia	6,405	1	3.0
K62 Other diseases of anus and rectum	6,164	2	2.9
Z41 Procedures for purposes other than remedying health state	5,806	13	2.7
K22 Other diseases of oesophagus	5,600	0	2.6
H02 Other disorders of eyelid	5,317	32	2.5
N97 Female infertility	5,054	4	2.4
M54 Dorsalgia	4,553	0	2.1
K59 Other functional intestinal disorders	4,409	1	2.1
Other	168,553	3,432	79.4
Not reported	1,066	0	0.5
Total	668,033	42,072	314.5

(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 2007.

Table 9.12: Selected separation statistics^(a), by principal diagnosis in ICD-10-AM groupings, public psychiatric hospitals, Australia, 2007–08

Principal diagnosis	Separations	Same-day separations	Public patient separations	Separations per 10,000 population ^(b)	Patient days	Patient days per 10,000 population ^(b)	ALOS (days)	ALOS (days) excluding same day
F00–F03 Dementia	221	1	202	0.1	22,914	11	103.7	104.2
F04–F09 Other organic mental disorders	173	2	168	0.1	8,825	4	51.0	51.6
F10 Mental, behavioural disorders due to use of alcohol	904	60	903	0.4	12,895	6	14.3	15.2
F11–F19 Mental, behavioural disorders due to other psychoactive substance use	1,041	26	1,025	0.5	9,109	4	8.8	8.9
F20 Schizophrenia	2,853	32	2,588	1.3	236,792	111	83.0	83.9
F21–F29 Other schizotypal, delusional disorders	1,520	51	1,443	0.7	58,392	27	38.4	39.7
F30 Manic episode	62	2	60	<0.01	1,017	0	16.4	16.9
F31 Bipolar affective disorder	1,160	111	1,127	0.5	29,896	14	25.8	28.4
F32–F33 Depressive episode or disorder	1,694	332	1,626	0.8	25,780	12	15.2	18.7
F34–F39 Other mood (affective) disorders	144	4	139	0.1	2,069	1	14.4	14.8
F40–F48 Neurotic, stress-related and somatoform disorders	1,337	106	1,293	0.6	10,651	5	8.0	8.6
F50 Eating disorders	6	1	6	<0.01	47	0	7.8	9.2
F51–F59 Other behavioural syndromes associated with physiological disturbances, physical factors	10	1	10	<0.01	83	0	8.3	9.1
F60–F69 Disorders of adult personality and behaviour	717	37	700	0.3	7,700	4	10.7	11.3
F70–F79 Mental retardation	57	2	55	<0.01	17,723	8	310.9	322.2
F80–F89 Disorders of psychological development	368	324	365	0.2	1,980	1	5.4	37.6
F90–F98 Disorders with onset usually occurring in childhood, adolescence	815	700	815	0.4	1,388	1	1.7	6.0
F99 Unspecified mental disorder	101	0	20	<0.01	2,388	1	23.6	23.6
G00–G99 Diseases of the nervous system	211	1	187	0.1	23,196	11	109.9	110.5
R00–R99 Signs, symptoms and abnormal findings not elsewhere classified	9	0	9	<0.01	85	0	9.4	9.4
Z50 Care involving use of rehabilitation procedures	857	5	857	0.4	183,058	86	213.6	214.9
Z59, Z60, Z63–Z65 Social Codes ^(c)	333	0	332	0.2	1,250	1	3.8	3.8
Other ^(d)	143	5	134	0.1	50,754	24	354.9	367.7
Not reported	14	4	14	<0.01	5,704	3	407.4	570.0
Total	14,750	1,807	14,078	6.9	713,696	336.0	48.4	55.0

(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 2007.

(c) Social codes include: Problems related to housing, economic circumstances, social environment, psychosocial circumstances and other problems related to primary support group, including family circumstances.

(d) Other includes principal diagnoses in any other ICD-10-AM grouping not included elsewhere.

Table 9.13: Separations^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, states and territories, 2007-08

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z49 Care involving dialysis	252,772	240,548	124,305	77,695	55,135	13,834	21,434	39,608	825,331
Z51 Other medical care	4,339	73,205	24,119	23,370	1,090	4,046	601	1,373	132,143
R07 Pain in throat and chest	30,238	25,477	18,855	7,370	8,666	1,735	1,485	1,041	94,867
Z50 Care involving use of rehabilitation procedures	25,223	16,933	16,853	8,496	6,619	1,139	2,248	459	77,970
R10 Abdominal and pelvic pain	19,002	21,611	11,128	5,994	3,937	1,299	814	732	64,517
I20 Angina pectoris	15,266	12,652	11,184	4,536	4,561	1,250	835	401	50,685
J18 Pneumonia, organism unspecified	18,260	13,019	7,845	4,180	3,595	920	809	1,298	49,926
J44 Other chronic obstructive pulmonary disease	17,465	11,373	8,567	3,691	4,561	1,153	367	679	47,856
I21 Acute myocardial infarction	16,440	11,801	9,001	3,258	3,363	929	629	416	45,837
E11 Type 2 diabetes mellitus	11,350	11,994	7,040	4,481	3,838	798	583	1,036	41,120
H26 Other cataract	13,577	11,869	5,003	4,549	3,423	325	807	407	39,960
O70 Perineal laceration during delivery	16,300	6,701	7,438	3,361	2,812	477	931	471	38,491
K80 Cholelithiasis	12,909	10,000	6,803	3,161	2,870	881	605	373	37,602
N39 Other disorders of urinary system	13,201	9,760	6,595	3,137	2,844	630	564	370	37,101
I50 Heart failure	13,020	9,912	5,620	2,784	3,019	776	437	315	35,883
L03 Cellulitis	11,582	7,975	6,863	3,156	2,087	531	430	789	33,413
K52 Other noninfective gastroenteritis and colitis	9,363	10,486	5,220	2,530	3,988	549	369	273	32,778
I48 Atrial fibrillation and flutter	11,383	8,095	5,302	2,692	2,816	759	582	240	31,869
J45 Asthma	10,139	8,715	5,584	2,757	3,317	587	344	358	31,801
S52 Fracture of forearm	11,295	7,452	6,202	2,738	1,870	626	702	541	31,426
K92 Other diseases of digestive system	10,828	8,196	4,309	2,674	1,270	585	234	282	28,378
Z45 Adjustment and management of implanted device	2,167	15,913	6,097	1,395	634	1,267	477	108	28,058
C44 Other malignant neoplasms of skin	6,703	7,144	6,697	2,601	2,847	632	257	159	27,040
O80 Single spontaneous delivery	9,961	3,533	7,602	2,308	1,647	581	505	475	26,612
F32 Depressive episode	9,077	6,880	3,595	2,110	2,770	1,045	245	123	25,845
R55 Syncope and collapse	8,652	7,103	4,475	1,654	2,685	443	289	196	25,497
F20 Mental and behavioural disorders due to use of alcohol	9,945	4,769	4,319	2,523	1,982	570	545	417	25,070
F10 Schizophrenia	7,952	6,511	4,959	2,171	2,133	520	253	321	24,820
T81 Complications of procedures, not elsewhere classified	7,992	6,172	4,167	2,382	1,888	466	412	395	23,874
S72 Fracture of femur	8,832	5,959	3,890	1,987	1,905	524	439	136	23,672
Other	851,262	749,265	482,328	262,461	224,158	56,391	41,895	36,466	2,704,226
Not reported	242	149	0	0	0	2	0	0	393
Total	1,466,737	1,351,172	831,965	458,202	368,330	96,270	81,127	90,258	4,744,061

(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^(a) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, states and territories, 2007-08

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	31,919	46,373	57,047	21,182	15,648	n.p.	n.p.	n.p.	179,394
Z49 Care involving dialysis	22,323	33,355	53,026	37,004	19,698	n.p.	n.p.	n.p.	165,456
Z50 Care involving use of rehabilitation procedures	68,039	15,646	25,036	1,159	6,496	n.p.	n.p.	n.p.	117,610
H26 Other cataract	30,728	20,928	15,225	7,259	6,155	n.p.	n.p.	n.p.	85,839
K01 Embedded and impacted teeth	16,881	17,141	12,507	9,529	5,057	n.p.	n.p.	n.p.	63,224
C44 Other malignant neoplasms of skin	15,733	11,941	15,609	4,572	6,383	n.p.	n.p.	n.p.	56,425
R10 Abdominal and pelvic pain	10,394	16,811	11,598	4,202	2,132	n.p.	n.p.	n.p.	46,519
Z31 Procreative management	14,180	11,669	10,653	3,855	4,012	n.p.	n.p.	n.p.	46,224
M23 Internal derangement of knee	13,154	10,560	8,873	5,338	5,737	n.p.	n.p.	n.p.	46,219
Z45 Adjustment and management of implanted device	6,990	16,161	12,031	3,814	2,635	n.p.	n.p.	n.p.	42,597
K21 Gastro-oesophageal reflux disease	11,555	11,924	11,061	3,825	2,819	n.p.	n.p.	n.p.	42,334
O04 Medical abortion	7,244	15,339	14,255	4,676	125	n.p.	n.p.	n.p.	41,725
G47 Sleep disorders	11,348	10,626	9,996	3,500	3,315	n.p.	n.p.	n.p.	40,066
D12 Benign neoplasm of colon, rectum, anus and anal canal	13,757	6,427	11,135	3,923	3,060	n.p.	n.p.	n.p.	39,292
M17 Gonarthrosis [arthrosis of knee]	10,766	8,866	7,493	3,697	3,659	n.p.	n.p.	n.p.	36,415
Z12 Special screening examination for neoplasms	9,983	9,935	8,661	3,731	989	n.p.	n.p.	n.p.	34,645
Z09 Follow-up examination after treatment for conditions other than malignant	10,678	9,652	7,811	2,800	1,935	n.p.	n.p.	n.p.	33,586
K92 Other diseases of digestive system	9,578	7,955	7,340	2,129	1,623	n.p.	n.p.	n.p.	29,939
I84 Haemorrhoids	8,813	8,609	6,010	2,813	2,031	n.p.	n.p.	n.p.	29,363
H25 Senile cataract	6,532	3,914	13,412	1,706	1,929	n.p.	n.p.	n.p.	27,975
F32 Depressive episode	9,011	7,496	6,272	3,088	181	n.p.	n.p.	n.p.	27,306
K29 Gastritis and duodenitis	9,590	8,151	5,592	1,660	1,558	n.p.	n.p.	n.p.	26,925
K57 Diverticular disease of intestine	7,416	7,131	7,552	1,809	1,624	n.p.	n.p.	n.p.	26,207
Z08 Follow-up examination after treatment for malignant neoplasms	8,436	6,601	5,901	2,185	1,646	n.p.	n.p.	n.p.	25,979
R19 Other symptoms and signs involving the digestive system and abdomen	7,893	7,185	5,692	2,196	1,494	n.p.	n.p.	n.p.	25,703
K40 Inguinal hernia	7,812	5,665	5,841	2,447	1,713	n.p.	n.p.	n.p.	24,800
E11 Type 2 diabetes mellitus	6,590	5,744	6,909	2,471	1,863	n.p.	n.p.	n.p.	24,699
K63 Other diseases of intestine	9,718	6,717	5,006	1,400	1,229	n.p.	n.p.	n.p.	24,540
M54 Dorsalgia	4,615	6,477	3,945	3,938	2,546	n.p.	n.p.	n.p.	22,737
M75 Shoulder lesions	5,238	5,646	4,307	3,798	2,254	n.p.	n.p.	n.p.	22,306
Other	451,006	438,466	404,503	169,712	132,051	n.p.	n.p.	n.p.	1,670,646
Not reported	0	3,180	0	0	0	n.p.	n.p.	n.p.	3,190
Total	857,920	802,291	780,299	325,418	243,597	n.p.	n.p.	n.p.	3,129,885

(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 9.15: Average length of stay^(a) (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, states and territories, 2007–08

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	1.9	1.0	1.1	1.0	1.4	1.0	1.1	1.0	1.1
R07 Pain in throat and chest	1.7	1.3	1.5	1.4	1.6	1.3	1.2	1.5	1.5
Z50 Care involving use of rehabilitation procedures	20.5	22.9	15.1	18.9	17.9	25.3	13.2	9.6	19.3
R10 Abdominal and pelvic pain	1.8	1.5	1.6	1.6	2.0	1.6	1.6	1.7	1.6
I20 Angina pectoris	3.2	2.6	2.7	2.5	3.1	2.9	2.7	2.4	2.8
J18 Pneumonia, organism unspecified	6.1	5.7	5.1	5.5	6.5	5.9	5.9	4.5	5.8
J44 Other chronic obstructive pulmonary disease	7.1	6.1	6.6	6.3	6.4	7.4	6.1	5.8	6.6
I21 Acute myocardial infarction	5.5	5.3	5.0	5.0	5.8	4.0	4.2	5.8	5.3
E11 Type 2 diabetes mellitus	6.7	5.3	6.4	5.5	5.8	5.8	4.4	7.8	6.0
H26 Other cataract	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0
O70 Perineal laceration during delivery	2.8	2.6	2.4	2.9	2.9	2.5	2.2	3.6	2.7
K80 Cholelithiasis	3.2	2.9	2.7	3.0	3.1	2.6	2.6	3.7	3.0
N39 Other disorders of urinary system	5.2	4.3	4.0	4.2	4.8	3.5	4.0	3.9	4.6
I50 Heart failure	7.9	6.7	6.4	6.5	7.0	7.1	6.4	5.5	7.1
L03 Cellulitis	5.6	5.6	4.5	4.7	5.6	5.0	5.0	4.2	5.2
K52 Other noninfective gastroenteritis and colitis	2.8	2.1	2.4	2.3	2.4	3.2	2.6	3.5	2.4
I48 Atrial fibrillation and flutter	3.5	3.1	3.0	2.6	3.3	2.6	2.8	2.6	3.2
J45 Asthma	2.2	1.8	1.8	2.1	2.2	1.9	2.2	2.0	2.0
S52 Fracture of forearm	2.0	2.2	1.8	2.2	2.3	2.1	2.0	3.5	2.1
K92 Other diseases of digestive system	2.3	2.1	2.2	1.8	3.6	2.1	3.0	2.0	2.3
Z45 Adjustment and management of implanted device	1.3	1.0	1.0	1.1	1.4	1.0	1.1	1.4	1.1
C44 Other malignant neoplasms of skin	2.3	1.9	1.6	2.0	1.7	1.5	1.8	2.4	1.9
O80 Single spontaneous delivery	2.1	2.1	1.8	2.1	2.0	2.1	1.7	2.6	2.0
F32 Depressive episode	7.7	7.2	6.8	9.0	8.1	5.3	14.7	7.1	7.6
R55 Syncope and collapse	2.8	2.3	2.6	2.4	3.1	2.2	1.7	2.0	2.6
F10 Mental and behavioural disorders due to use of alcohol	4.2	3.4	3.1	4.0	3.0	4.1	4.4	2.5	3.7
F20 Schizophrenia	34.7	23.2	29.0	32.3	16.6	35.7	19.7	14.6	28.4
T81 Complications of procedures, not elsewhere classified	5.9	6.0	5.2	6.5	5.6	5.8	4.9	5.1	5.8
S72 Fracture of femur	11.0	12.0	10.4	7.2	9.5	10.0	7.5	17.1	10.6
Other	4.5	3.6	3.8	3.8	4.9	4.4	4.1	4.5	4.1
Total	4.2	3.3	3.6	3.6	4.4	4.0	3.4	2.9	3.8

(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^(a) (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, states and territories, 2007-08

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	4.5	13.0	4.8	22.7	7.9	n.p.	n.p.	n.p.	6.2
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	1.4	1.5	1.3	1.5	1.1	n.p.	n.p.	n.p.	1.4
R10 Abdominal and pelvic pain	1.2	1.3	1.4	1.5	1.6	n.p.	n.p.	n.p.	1.3
Z31 Procreative management	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
M23 Internal derangement of knee	1.1	1.1	1.1	1.1	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.	1.0
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	1.0	n.p.	n.p.	n.p.	1.0
G47 Sleep disorders	1.0	1.1	1.0	1.3	1.1	n.p.	n.p.	n.p.	1.1
D12 Benign neoplasm of colon, rectum, anus and anal canal	1.1	1.3	1.2	1.2	1.2	n.p.	n.p.	n.p.	1.2
M17 Gonarthrosis [arthrosis of knee]	5.1	4.4	4.7	6.2	4.6	n.p.	n.p.	n.p.	4.8
Z12 Special screening examination for neoplasms	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
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
K92 Other diseases of digestive system	1.2	1.4	1.4	1.3	1.4	n.p.	n.p.	n.p.	1.3
I84 Haemorrhoids	1.1	1.2	1.2	1.3	1.2	n.p.	n.p.	n.p.	1.2
H25 Senile cataract	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
F32 Depressive episode	6.2	5.4	6.6	5.6	16.8	n.p.	n.p.	n.p.	6.0
K29 Gastritis and duodenitis	1.0	1.1	1.1	1.1	1.1	n.p.	n.p.	n.p.	1.1
K57 Diverticular disease of intestine	1.6	1.8	1.9	2.5	2.0	n.p.	n.p.	n.p.	1.8
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
R19 Other symptoms and signs involving the digestive system and abdomen	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
K40 Inguinal hernia	1.3	1.4	1.3	1.5	1.5	n.p.	n.p.	n.p.	1.4
E11 Type 2 diabetes mellitus	2.3	3.9	3.2	3.2	3.3	n.p.	n.p.	n.p.	3.1
K63 Other diseases of intestine	1.1	1.2	1.2	1.2	1.1	n.p.	n.p.	n.p.	1.1
M54 Dorsalgia	2.6	2.2	2.9	2.0	1.9	n.p.	n.p.	n.p.	2.4
M75 Shoulder lesions	1.5	1.6	1.5	1.5	1.7	n.p.	n.p.	n.p.	1.6
Other	2.8	3.2	3.4	3.2	3.2	n.p.	n.p.	n.p.	3.1
Total	2.4	2.6	2.5	2.4	2.5	n.p.	n.p.	n.p.	2.5

(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 9.17: Separations^(a) 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, 2007-08

Principal diagnosis	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total ^(b)
Z49 Care involving dialysis	1	44	195	6,879	18,527	48,640	86,234	122,613	139,539	145,431	21,687	589,790
Z51 Other medical care	224	1,290	2,329	2,436	2,927	6,441	17,323	39,314	43,593	24,003	3,351	143,231
Z50 Care involving use of rehabilitation procedures	6	18	108	1,957	2,969	4,407	7,289	14,595	20,557	23,784	10,177	85,367
R07 Pain in throat and chest	0	12	155	1,074	3,305	9,134	13,290	13,674	9,958	6,964	1,884	59,450
H26 Other cataract	6	37	69	91	108	479	2,255	6,944	15,189	21,481	4,976	51,635
C44 Other malignant neoplasms of skin	11	6	13	66	482	1,842	4,866	9,721	11,949	14,399	6,218	49,573
I20 Angina pectoris	0	0	2	28	203	1,796	6,133	11,939	12,844	9,972	2,527	45,444
K40 Inguinal hernia	1,387	978	858	1,544	2,581	4,450	6,713	8,713	7,347	5,037	1,206	40,814
R10 Abdominal and pelvic pain	100	282	2,315	3,104	4,107	5,524	6,187	6,621	4,953	3,248	870	37,311
G47 Sleep disorders	2,310	3,210	2,349	767	2,010	4,921	7,012	8,049	4,403	1,836	214	37,087
I21 Acute myocardial infarction	0	0	0	61	332	2,235	5,935	8,719	8,303	7,895	3,186	36,666
M23 Internal derangement of knee	0	2	298	4,838	5,600	7,243	7,929	6,786	2,991	888	69	36,644
E11 Type 2 diabetes mellitus	0	1	9	74	256	1,109	3,099	7,058	10,915	11,065	2,473	36,059
Z45 Adjustment and management of implanted device	41	271	453	490	707	1,744	4,466	9,813	10,184	5,197	887	34,253
J18 Pneumonia, organism unspecified	557	2,203	1,195	760	1,196	1,938	2,313	3,342	5,096	7,943	5,000	31,543
C61 Malignant neoplasm of prostate	5	4	0	1	0	105	2,206	9,749	10,773	6,357	1,847	31,047
D12 Benign neoplasm of colon, rectum, anus and anal canal	1	0	8	91	261	1,286	4,251	9,571	9,905	4,812	605	30,791
J44 Other chronic obstructive pulmonary disease	11	17	10	10	39	351	1,295	4,526	8,980	11,544	4,002	30,785
K92 Other diseases of digestive system	83	129	167	871	2,192	4,156	5,613	6,632	5,384	4,121	1,419	30,767
Z08 Follow-up examination after treatment for malignant neoplasms	2	82	75	54	153	600	2,131	5,872	9,377	9,011	1,913	29,270
K01 Embedded and impacted teeth	0	15	1,636	16,666	6,222	2,621	1,124	526	182	83	22	29,097
K21 Gastro-oesophageal reflux disease	809	247	371	1,125	2,726	4,699	6,106	6,478	4,182	1,949	334	29,026
I48 Atrial fibrillation and flutter	9	0	15	187	552	1,511	3,321	6,649	6,640	5,457	1,608	25,949
F10 Mental and behavioural disorders due to use of alcohol	0	2	159	2,560	3,783	5,973	6,111	4,545	1,827	519	71	25,550
N40 Hyperplasia of prostate	68	155	169	332	698	1,709	4,242	7,313	6,631	3,450	455	25,252
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	0	0	12	209	584	1,713	3,763	6,881	6,962	4,198	575	24,897
M17 Gonarthrosis [arthrosis of knee]	0	0	0	7	55	596	2,820	7,011	7,877	5,117	651	24,137
I25 Chronic ischaemic heart disease	36	6	4	35	118	338	871	2,400	5,003	9,174	5,368	23,353
I50 Heart failure	1	13	17	517	2,217	4,659	6,039	5,438	2,987	1,158	206	23,252
I84 Haemorrhoids	81,001	93,283	121,377	157,648	165,571	208,834	241,538	300,558	280,570	254,564	94,569	1,999,513
Other	70	32	73	124	140	154	175	293	263	232	92	1,648
Not reported												
Total	86,739	102,339	134,444	204,611	230,645	341,372	474,101	668,974	683,908	617,491	179,799	3,724,423

(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^(a) 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, 2007-08

Principal diagnosis	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total ^(b)
Z49 Care involving dialysis	0	43	360	3,601	15,225	33,369	56,368	85,576	108,581	86,921	10,953	400,997
Z51 Other medical care	217	885	1,275	1,804	4,098	16,705	37,368	49,451	35,958	17,831	2,714	168,306
Z50 Care involving use of rehabilitation procedures	3	11	83	2,023	3,088	4,025	7,936	17,084	22,593	34,088	19,279	110,213
H26 Other cataract	3	24	31	58	105	452	2,274	8,566	22,055	32,141	8,447	74,156
R10 Abdominal and pelvic pain	77	193	2,974	10,879	11,115	12,067	11,988	10,484	7,248	4,928	1,772	73,725
R07 Pain in throat and chest	1	10	140	1,095	2,397	6,417	11,432	12,829	10,063	8,542	3,306	56,232
O04 Medical abortion	0	0	201	23,577	20,155	9,788	330	2	0	0	0	54,053
O70 Perineal laceration during delivery	0	0	26	10,688	31,972	10,139	29	0	0	0	0	52,854
Z31 Procreative management	0	0	0	690	18,047	29,433	943	10	0	0	0	49,126
K01 Embedded and impacted teeth	0	8	2,388	26,369	8,691	2,832	1,139	579	203	95	19	42,323
K80 Cholelithiasis	4	3	103	3,127	6,301	7,241	6,756	6,090	4,322	3,338	1,319	38,604
Z45 Adjustment and management of implanted device	29	183	337	824	1,150	3,562	7,509	10,628	7,974	3,332	874	36,402
N39 Other disorders of urinary system	986	987	823	1,877	1,701	2,779	3,799	4,312	4,642	7,401	6,370	35,677
F32 Depressive episode	0	0	189	3,693	5,121	7,424	6,472	4,984	2,936	2,611	860	34,290
C44 Other malignant neoplasms of skin	2	4	8	70	543	1,910	4,445	5,981	6,507	9,013	5,407	33,890
O34 Maternal care for known or suspected abnormality of pelvic organs	0	0	0	2,553	18,228	11,670	80	0	0	2,710	646	32,531
K21 Gastro-oesophageal reflux disease	678	151	275	1,185	2,064	4,204	6,998	8,084	5,230	0	0	32,225
O80 Single spontaneous delivery	0	0	15	8,324	18,249	5,308	22	0	0	0	0	31,918
K52 Other noninfective gastroenteritis and colitis	179	342	235	2,978	4,058	3,665	3,677	4,170	4,085	4,448	2,273	30,110
E11 Type 2 diabetes mellitus	0	0	23	78	300	821	2,145	4,476	8,298	10,455	3,163	29,759
M17 Gonarthrosis [arthrosis of knee]	0	0	4	109	335	1,173	3,700	7,908	8,559	6,359	1,105	29,252
J18 Pneumonia, organism unspecified	371	1,923	1,049	719	1,219	1,768	2,137	2,918	3,553	6,053	6,136	27,846
K92 Other diseases of digestive system	84	79	141	991	1,822	3,202	4,867	5,773	4,396	3,985	2,210	27,550
N92 Excessive, frequent and irregular menstruation	0	0	65	687	2,887	11,459	11,827	337	3	0	0	27,265
I20 Angina pectoris	0	0	0	13	93	770	2,753	5,036	6,609	7,715	3,368	26,357
O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	0	0	19	7,694	13,880	4,502	36	0	0	0	0	26,131
K29 Gastritis and duodenitis	25	123	334	1,719	2,388	3,797	5,198	5,410	3,940	2,510	619	26,063
M54 Dorsalgia	0	16	117	687	1,688	3,179	4,378	4,857	3,970	4,149	1,928	24,969
J44 Other chronic obstructive pulmonary disease	1	8	8	15	66	370	1,641	4,192	7,037	8,328	3,262	24,928
Z12 Special screening examination for neoplasms	5	11	3	152	722	3,547	7,602	7,560	3,603	1,061	64	24,330
Other	60,800	66,064	89,383	214,355	359,784	321,619	300,316	319,456	283,393	291,689	158,510	2,465,370
Not reported	23	30	72	169	244	260	219	295	241	253	123	1,929
Total^(b)	63,490	71,098	100,681	332,803	557,736	529,457	516,384	597,048	575,999	559,957	244,727	4,149,381

(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^(a) relating to renal failure^(b), by state or territory of usual residence, all hospitals, Australia, 2007–08

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total ^(c)
Acute renal failure									
Separations	2,441	1,940	1,237	385	613	n.p.	n.p.	n.p.	6,831
Separations not within state of residence (%)	4	1	2	1	1	n.p.	n.p.	n.p.	
Separation rate ^(d)									
Public hospitals	0.29	0.27	0.22	0.16	0.27	0.15	0.21	0.23	0.26
Private hospitals	0.02	0.06	0.07	0.02	0.04	n.p.	n.p.	n.p.	0.04
Total	0.31	0.33	0.29	0.18	0.31	n.p.	n.p.	n.p.	0.30
Standardised separation rate ratio (SRR)	1.06	1.11	0.98	0.61	1.04	n.p.	n.p.	n.p.	
95% confidence interval of SRR	1.02–1.10	1.06–1.16	0.92–1.03	0.55–0.67	0.95–1.12	n.p.	n.p.	n.p.	
Chronic and unspecified renal failure									
Separations	3,010	1,785	1,817	704	465	n.p.	n.p.	n.p.	8,216
Separations not within state of residence (%)	4	1	2	2	3	n.p.	n.p.	n.p.	
Separation rate ^(d)									
Public hospitals	0.36	0.25	0.32	0.28	0.23	0.31	0.33	0.71	0.31
Private hospitals	0.04	0.06	0.11	0.05	0.02	n.p.	n.p.	n.p.	0.06
Total	0.40	0.32	0.43	0.33	0.25	n.p.	n.p.	n.p.	0.37
Standardised separation rate ratio (SRR)	1.09	0.86	1.16	0.89	0.69	n.p.	n.p.	n.p.	
95% confidence interval of SRR	1.05–1.13	0.82–0.90	1.11–1.22	0.83–0.96	0.63–0.76	n.p.	n.p.	n.p.	
Care involving dialysis^(e)									
Separations	285,634	270,236	174,150	116,101	76,771	n.p.	n.p.	n.p.	988,564
Separations not within state of residence (%)	5	0	1	1	3	n.p.	n.p.	n.p.	
Separation rate ^(d)									
Public hospitals	35.28	42.65	29.31	36.95	32.11	24.64	52.24	198.12	37.23
Private hospitals	3.29	5.92	11.54	16.99	10.60	n.p.	n.p.	n.p.	7.32
Total	38.58	48.57	40.86	53.94	42.71	n.p.	n.p.	n.p.	44.55
Standardised separation rate ratio (SRR)	0.87	1.09	0.92	1.21	0.96	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.86–0.87	1.09–1.09	0.91–0.92	1.20–1.22	0.95–0.97	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 in patient homes.

Table 9.20: Separation statistics^(a) relating to renal failure^(b), by remoteness area of usual residence, all hospitals, Australia, 2007–08

	Major cities	Inner regional	Outer regional	Remote	Very remote	Total ^(c)
Acute renal failure						
Separations	4,592	1,447	655	80	47	6,831
Separation rate ^(d)						
Public hospitals	0.25	0.26	0.29	0.27	0.38	1.00
Private hospitals	0.05	0.04	0.02	0.02	0.00	0.04
Total	0.30	0.29	0.31	0.29	0.38	0.30
Standardised separation rate ratio (SRR)	1.00	0.98	1.02	0.97	1.26	
95% confidence interval of SRR	0.97–1.02	0.93–1.03	0.94–1.10	0.76–1.18	0.90–1.62	
Chronic and unspecified renal failure						
Separations	4,505	2,235	1,065	189	216	8,216
Separation rate ^(d)						
Public hospitals	0.25	0.39	0.45	0.63	1.56	0.31
Private hospitals	0.06	0.07	0.04	0.02	0.03	0.31
Total	0.30	0.46	0.49	0.65	1.59	0.37
Standardised separation rate ratio (SRR)	0.82	1.24	1.33	1.75	4.29	
95% confidence interval of SRR	0.80–0.84	1.19–1.29	1.25–1.41	1.50–2.00	3.72–4.86	
Care involving dialysis^(e)						
Separations	686,481	159,575	92,894	25,152	24,293	988,564
Separation rate ^(d)						
Public hospitals	37.85	30.68	39.65	59.06	153.35	37.59
Private hospitals	9.18	2.85	3.04	18.85	12.97	7.40
Total	47.03	33.52	42.69	77.91	166.32	44.98
Standardised separation rate ratio (SRR)	1.05	0.75	0.95	1.73	3.70	
95% confidence interval of SRR	1.04–1.05	0.74–0.75	0.94–0.96	1.71–1.75	3.65–3.74	

(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^(a) relating to renal failure^(b), by quintile of socioeconomic advantage/disadvantage^(c), all hospitals, Australia, 2007–08

	Most disadvantaged	Second most disadvantaged	Middle quintile	Second most advantaged	Most advantaged	Total ^(d)
Acute renal failure						
Separations	1,689	1,387	1,305	1,281	1,162	6,831
Separation rate ^(e)						
Public hospitals	0.34	0.26	0.27	0.25	0.20	0.27
Private hospitals	0.03	0.03	0.03	0.07	0.06	0.04
Total	0.37	0.30	0.30	0.32	0.26	0.31
Standardised separation rate ratio (SRR)	1.20	0.96	0.97	1.02	0.84	
95% confidence interval of SRR	1.15–1.26	0.90–1.01	0.92–1.03	0.97–1.08	0.79–0.89	
Chronic and unspecified renal failure						
Separations ^(d)	2,288	2,049	1,541	1,237	1,097	8,216
Separation rate ^(e)						
Public hospitals	0.46	0.38	0.31	0.24	0.19	0.32
Private hospitals	0.05	0.06	0.05	0.06	0.07	0.06
Total	0.51	0.44	0.36	0.30	0.26	0.38
Standardised separation rate ratio (SRR)	1.36	1.17	0.95	0.80	0.67	
95% confidence interval of SRR	1.30–1.41	1.12–1.22	0.90–0.99	0.76–0.85	0.63–0.71	
Care involving dialysis^(f)						
Separations ^(d)	224,481	197,700	211,860	187,890	166,475	988,564
Separation rate ^(e)						
Public hospitals	47.46	37.41	42.16	36.83	28.60	38.43
Private hospitals	3.49	6.18	7.57	10.35	11.04	7.57
Total	50.95	43.59	49.73	47.18	39.63	46.01
Standardised separation rate ratio (SRR)	1.11	0.95	1.08	1.03	0.86	
95% confidence interval of SRR	1.10–1.11	0.94–0.95	1.08–1.09	1.02–1.03	0.86–0.87	

(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) Based on the Australian Bureau of Statistics SEIFA 2006 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^(a), by principal diagnosis in ICD-10-AM chapters, by Indigenous status^(b), selected states and territories^(c), 2007–08

Principal diagnosis	Separations		Separations for patients identified as		Separations per 1,000 population ^(d)		Rate ratio ^(e)
	Indigenous Australians	Other Australians	Indigenous (%)	Other (%)	Indigenous Australians	Other Australians	
A00–B99 Certain infectious and parasitic diseases	5,418	83,085	2.0		10.9	4.2	2.6
C00–D48 Neoplasms	4,022	522,526	1.5		18.1	24.8	0.7
D50–D89 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1,192	94,089	0.4		4.8	4.6	1.0
E00–E90 Endocrine, nutritional and metabolic diseases	5,443	141,265	2.0		22.0	6.8	3.2
F00–F99 Mental and behavioural disorders	11,283	283,171	4.2		27.0	14.1	1.9
G00–G99 Diseases of the nervous system	3,640	175,192	1.3		10.5	8.6	1.2
H00–H59 Diseases of the eye and adnexa	1,437	218,923	0.5		7.8	10.4	0.8
H60–H95 Diseases of the ear and mastoid process	1,917	49,302	0.7		3.3	2.6	1.3
I00–I99 Diseases of the circulatory system	8,552	448,280	3.2		39.0	21.2	1.8
J00–J99 Diseases of the respiratory system	16,601	332,693	6.1		47.8	16.6	2.9
K00–K93 Diseases of the digestive system	14,325	814,773	5.3		41.6	39.9	1.0
L00–L99 Diseases of the skin and subcutaneous tissue	6,372	117,855	2.3		14.8	5.8	2.6
M00–M99 Diseases of the musculoskeletal system and connective tissue	4,474	396,156	1.6		14.9	19.1	0.8
N00–N99 Diseases of the genitourinary system	6,533	348,262	2.4		20.3	17.1	1.2
O00–O99 Pregnancy, childbirth and the puerperium	19,333	446,475	7.1		33.7	23.4	1.4
P00–P96 Certain conditions originating in the perinatal period	2,715	52,686	1.0		3.0	2.8	1.1
Q00–Q99 Congenital malformations, deformations and chromosomal abnormalities	899	32,062	0.3		1.1	1.7	0.7
R00–R99 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	11,875	482,915	4.4		37.0	23.5	1.6
S00–T98 Injury, poisoning and certain other consequences of external causes	19,919	478,593	7.3		46.4	23.8	2.0
Z00–Z99 Factors influencing health status and contact with health services	125,329	1,783,036	46.2		512.1	85.4	6.0
Care involving dialysis	115,279	840,190	42.5		479.0	40.0	12.0
Other	10,050	942,846	3.7		33.2	45.4	0.7
Not reported	11	3,560	<0.1		0.1	0.2	0.4
Total (excluding care involving dialysis)	156,011	6,464,709	57.5		437.3	316.6	1.4
Total (including care involving dialysis)	271,290	7,304,899	100.0		916.3	356.5	2.6

(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Postthoracic 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 Appendix 1 for further detail.

(c) This table includes data for New South Wales, Victoria, Queensland, Western Australia, South Australia and public hospitals in Northern Territory. 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 1. The separation rate for *Other Australians* includes Indigenous status *Not reported*.

(e) The rate ratio is equal to the separation rate for *Indigenous Australians* divided by the separation rate for *Other Australians* (which includes *Not reported*).