

# 8 Principal diagnoses for admitted patients

## Introduction

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

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

Principal diagnoses for 2000–01 were classified, coded and reported to the National Hospital Morbidity Database by all States and Territories using the second edition of the *International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM)* (NCCH 2000). Appendix 3 presents information about the quality of the ICD-10-AM coded data.

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

Most of the information is presented using three 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 (Figures 8.2 and 8.3);
- ICD-10-AM disease groupings – these 73 groups were chosen to provide more detailed information than ICD-10-AM chapters, but still cover the entire disease classification at a manageable level (Tables 8.1 to 8.4); and
- 3-character ICD-10-AM groupings – 1,664 categories describe the diseases at a quite specific level. Detailed information is presented for the 30 of these groups with the highest number of separations (Tables 8.6 to 8.8 and Tables 8.10 to 8.15) and summary information is provided for all of the groups (for which separations were reported) on the Internet at <http://www.aihw.gov.au/publications/health/ahs00-01.html> (Tables S8.1 and S8.2).

In addition:

- Table 8.9 uses a mixture of ICD-10-AM chapters, 3- and 4-character categories and other groupings to present information on diagnoses reported for public psychiatric hospitals.

Tables are presented with summary separation, patient day and length of stay statistics for public and private hospitals, nationally and by State and Territory. National information on age group and sex distributions is also presented.

Table 8.5 presents information on the number of diagnoses reported by each State and Territory. These include the principal diagnosis and any additional diagnoses (conditions or complaints either co-existing with the principal diagnosis, or arising during the episode of care).

Although a principal diagnosis is expected to be reported for every separation, in practice it is missing for a small number of records (indicated as *Not reported* in the tables). The majority of records without a principal diagnosis were reported by New South Wales (mainly for public hospitals).

Some data for private hospitals in Tasmania and the Australian Capital Territory have not been included in Tables 8.4, 8.11 and 8.13. These data were supplied but are not published, for confidentiality reasons.

## Principal diagnosis and other data elements reported for separations

The information on principal diagnosis reported in this chapter is compiled in the National Hospital Morbidity Database with a range of other data. Figure 8.1 demonstrates this using the example of the principal diagnosis C18 *Malignant neoplasm of colon*. There were 15,185 separations with this principal diagnosis, with an average length of stay of 8.7 days. Almost 52% of separations with this principal diagnosis were in the public sector. The majority of patients (92.3%) had acute care and 6.2% had palliative care. Over 54% of separations were for private patients in comparison to 42.7% overall (Table 6.1). A large proportion of patients (81.8%) with this diagnosis had a separation mode of *Other*, suggesting that these patients went home after separation from the hospital. However, for 9.0% of patients the separation mode was *Died*, in comparison to 1.1% in hospitals overall (Table 6.13). The most common diagnosis in addition to a principal diagnosis of *Malignant neoplasm of colon* was *Secondary and unspecified malignant neoplasm of the intra-abdominal lymph nodes (C77.2)*, while the most common procedure performed was *General anaesthesia (Block 1910)*. The most commonly reported AR-DRG was *Major small and large bowel procedures without catastrophic complication or comorbidity (AR-DRG G02B)*.

## ICD-10-AM chapters

Figures 8.2 and 8.3 provide a summary of the separations and patient days reported for each of the ICD-10-AM disease chapters.

Ignoring the diverse categories that make up the *Factors influencing health status and contact with health services group*, the chapter with the highest number of separations in the public sector was *Diseases of the digestive system*, followed by *Injury and poisoning and certain other consequences of external causes* and *Pregnancy, childbirth and the puerperium*. In the private sector, *Diseases of the digestive system* had the largest number of separations, followed by *Neoplasms* and *Diseases of the musculoskeletal system and connective tissue*. The highest numbers of patient days for the public sector were reported for the *Mental and behavioural disorders* and *Diseases of the circulatory system* chapters. *Neoplasms*, *Diseases of the digestive system*,

*Diseases of the musculoskeletal system and connective tissue* and *Diseases of the circulatory system* chapters accounted for the highest numbers of patient days in the private sector.

For the public and private sectors combined, the two chapters with the most separations were *Diseases of the digestive system* and *Neoplasms*. The largest numbers of patient days were reported for the *Mental and behavioural disorders* and *Diseases of the circulatory system* chapters.

## Broad disease groupings

### Sector

Tables 8.1 and 8.2 summarise the principal diagnosis data. *Encounter with health service for specific procedure (Z40–Z54)* stands out as a high volume group (386.9 separations per 10,000 population), for its high use of beds (990.1 patient days per 10,000 population) although the average length of stay is low (2.6 days). This could be attributed to the large number of same day separations for *Care involving dialysis (Z49)* and *Other medical care (Z51)* which includes chemotherapy (Table 8.6). *Mental and behavioural disorders (F00–F99)* is another high volume group (82.5 separations per 10,000 population) and has a high use of beds (976.3 patient days per 10,000 population) and has long average length of stay (11.8 days).

In the private sector (Table 8.2), *Encounter with health service for specific procedure (Z40–Z54)* also recorded the highest number of separations (292,658). High numbers of separations were also reported for *Diseases of musculoskeletal and connective tissue (M00–M99)* (197,776) and *Diseases of the oesophagus, stomach and duodenum (K20–K31)* (120,009). *Encounter with health service for specific procedures (Z40–Z54)* (745,158), *Diseases of musculoskeletal and connective tissue (M00–M99)* (672,869), and *Mental and behavioural disorders (F00–F99)* (580,366) recorded the highest numbers of patient days.

The groups with the highest proportions of separations in the public sector (rather than in the private sector) were *Poisonings and toxic effects (T36–T65)* (94.4%, 36,277) and *HIV disease (B20–B24)* (93.5% in the public sector, 274) (derived from Tables 8.1 and 8.2). The groups with the highest proportions of separations in the private sector (rather than in the public sector) were *Encounter relating to personal and family history (Z80–Z99)* (72.9% in the private sector, 21,770), *Diseases of the oral cavity, salivary glands and jaws (K00–K14)* (70.2%, 72,493) and *Diseases of the eye and adnexa (H00–H59)* (66.4%, 111,647).

Almost 87% of patients in public hospitals were public patients, in contrast to just 4.5% in private hospitals. The highest proportion of public patients in public hospitals was for *HIV (B20–B24, 95.3%)*, while the lowest was for *Injuries to thorax, abdomen, back, spine and pelvis (S20–S39, 69.4%)*. The highest proportion of public patients in private hospitals was for *Poisoning and toxic effects (T36–T65, 35.4%)*, followed by *Encounter with health service in other circumstances (Z55–Z76, 25.2%)*.

### States and Territories

Tables 8.3 and 8.4 contain detail on the pattern of hospital use in the States and Territories for the diagnosis groups, in both the public and private sectors. These tables enable State by State comparisons of overall hospital use for the different diagnosis groups, and the share of separations between the private and public sectors. For example, the proportions of separations for *Intestinal infectious diseases (A00–A09)* in public hospitals (rather than private

hospitals) was higher in New South Wales (91.8%, 12,049) than in Queensland (71.5%, 5,162).

## Number of diagnosis codes

The National Hospital Morbidity Database contains data on principal diagnosis and additional diagnoses. Additional diagnoses include comorbidities (co-existing conditions) and/or complications which may contribute to longer lengths of stay, more intensive treatment or the use of greater resources. Ideally, the number of additional diagnoses recorded for a patient should be related to the person's clinical condition, and not be restricted by administrative or technical limitations. The Institute requested that the States and Territories report a maximum of 31 diagnosis codes.

Table 8.5 presents information on the number of diagnosis codes (principal and additional) reported to the National Hospital Morbidity Database. There were marked differences between the States and Territories in the maximum number of diagnoses reported; for example, in the public sector, 20 diagnoses for New South Wales and 31 for Queensland and Western Australia. However, the average number of diagnosis codes per separation varied little among the jurisdictions, for both the public and private sectors.

Overall, the average number of codes reported for the public sector was slightly higher than for the private sector. In the public sector 16.7% of records had five or more diagnosis codes (646,837), but in the private sector only 9.5% of records fell into this category (214,979). This may have occurred if more complicated cases were being treated in public hospitals.

## High volume diagnoses

### Sector

Tables 8.6 to 8.8 and 8.10 to 8.15 present information on the 30 most common principal diagnoses at the 3-character level of the ICD-10-AM classification.

Tables 8.6 to 8.8 contain summary separation, patient day and average length of stay statistics for the 30 diagnoses with the most separations in public, private and private free-standing day hospitals.

In the public sector, the most common principal diagnosis groups were *Care involving dialysis* (Z49) (494,153) and *Other medical care* (Z51, 94.1% of which, 114,404, were for chemotherapy, Z51.1 and Z51.2). For both of these, the proportion of separations that were same day separations was over 98% (99.6% and 98.5%, respectively) and the average length of stay was relatively short. The highest numbers of patient days were reported for *Care involving use of rehabilitation procedures* (Z50) (1,069,743) and for *Schizophrenia* (F20) (618,141), for which the average length of stay was 15.4 and 27.4 days, respectively.

In the private sector, the most frequently reported principal diagnosis was *Other medical care* (Z51, 97.3% of which, 112,486, were for chemotherapy), with the second most frequent being *Care involving dialysis* (Z49) (84,943). The principal diagnosis with the highest number of patient days, *Care involving use of rehabilitation procedures* (Z50) (411,881), also had the longest average length of stay (9.9 days).

The most common principal diagnosis groups in private free-standing day hospitals were *Other medical care* (Z51, 24,835) and *Senile cataract* (H25, 20,589).

The highest proportion of public patients in public hospitals was for *Schizophrenia* (F20, 98.4%), while the lowest was for *Fracture of femur* (S72, 75.5%). The highest proportion of public patients in private hospitals was for *Care involving dialysis* (Z51, 26.6%). The proportion of public patient separations in private free-standing day hospital facilities was highest for *Care involving dialysis* (51.8%) and *Chronic ischaemic heart disease* (49.7%), with less than 10% for the remaining disease groups.

Table 8.9 presents information on public psychiatric hospitals. Over 97% of separations in public psychiatric hospitals were for public patients and most diagnoses were in the *Mental and behavioural disorders* chapter (F00–F99, 88.8%). *Schizophrenia* (F20) was the most common diagnosis reported (3,472), the next most common being *Neurotic, stress-related and somatoform disorders* (F40–F48, 2,070). *Schizophrenia* (F20) accounted for more patient days than any other group (313,402), with the next highest being *Other schizotypal, delusional disorders* (F21–F29, 50,591). The average length of stay was high for most of the disease groups and only 17.6% of separations (3,186) were same day separations, compared with 46.2% in public hospitals overall (Table 8.1). The average length of stay for *Schizophrenia* in public psychiatric hospitals (90.3 days) was markedly higher than that in public hospitals overall (Table 8.6: 27.4 days).

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 8.10 and 8.11). For example, in the public sector, while there were large numbers of separations for *Care involving use of rehabilitation procedures* (Z50) in New South Wales, Victoria and Queensland, the numbers were relatively low for the remaining jurisdictions. Similarly, in the private sector, there were large numbers of separations for *Other medical care* (Z51) and *Care involving dialysis* (Z49) for most jurisdictions.

There was also some variation between the States and Territories in the average length of stay for separations for the most common diagnosis (Tables 8.12 and 8.13). For example, in the public sector, the average length of stay for *Care involving use of rehabilitation procedures* (Z50) ranged from 6.4 days in Queensland to 31.4 days in South Australia. In contrast, the average length of stay in the private sector for *Care involving use of rehabilitation procedures* (Z50) ranged from 4.6 days in Queensland to 21.9 days in Western Australia.

## Age group and sex

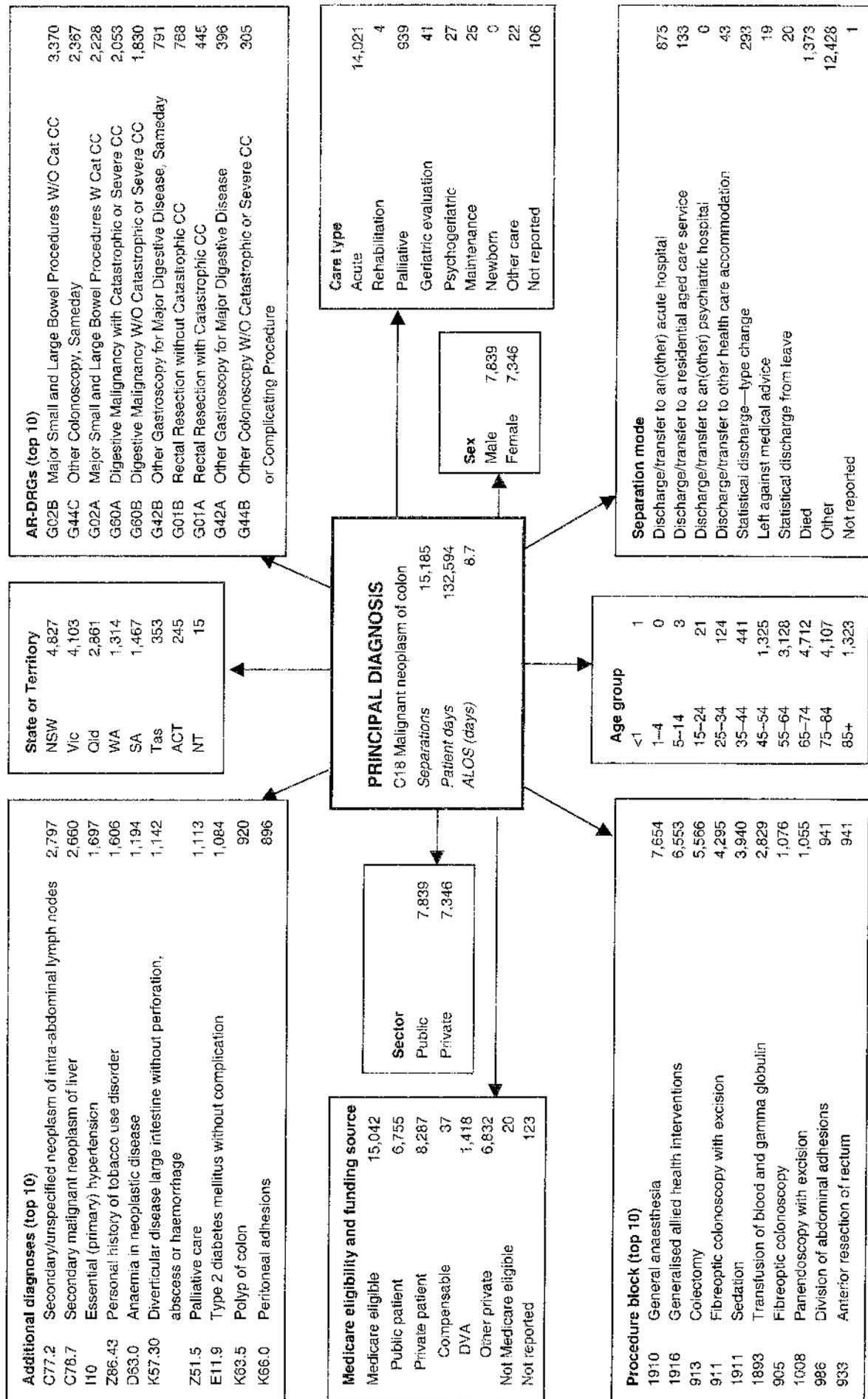
In Tables 8.14 and 8.15, information is presented on the number of separations by age group by the 30 most common principal diagnoses at the 3-character level of the ICD-10-AM classification for males and females. These tables show a number of different patterns in the age distributions of separations for the various groups. For example, patients admitted for *Angina pectoris* (I20) were mostly in the older age groups, while the opposite was the case for *Asthma* (J45). Other groups of diseases had a peak in the middle age groups, for example

*Single spontaneous delivery* (O80) for females, and *Internal derangement of knee* (M23) for males and *Embedded and impacted teeth* (K01) for both females and males.

These tables also indicate the relative importance of the disease groups as causes of hospitalisation for each sex and age group. For example, in the group of males over 75 years, common diagnoses were *Care involving dialysis* (Z49), *Other cataract* (H26) and *Other medical care* (Z51). For females in the 1–4 years age group, *Asthma* (J45), *Pneumonia, organism unspecified* (J18) and *Other medical care* (Z51) were commonly reported.

## **Additional data**

The accompanying tables on the Internet at <http://www.aihw.gov.au/publications/hse/ahs00-01.html> provide national summary statistics for public and private hospitals for each 3-character ICD-10-AM disease code (as presented for the top 30 principal diagnosis codes in Tables 8.6 and 8.7). For confidentiality reasons, the statistics for some codes in the private sector have been suppressed. The information was suppressed if there were fewer than 50 private hospital separations reported for the code and fewer than three reporting units (hospitals, or States where the hospitals were not individually identified), or if there were three reporting units and one contributed more than 85% of the total separations, or two contributed more than 90% of the separations for the code.



Note: Main abbreviations: ALOS—average length of stay, W—with, W/O—without, Cat—catastrophic, CC—complication or comorbidity.

Figure 8.1: Interrelationships of a principal diagnosis (C18 Malignant neoplasm of colon) with other data elements, all hospitals, Australia, 2000-01

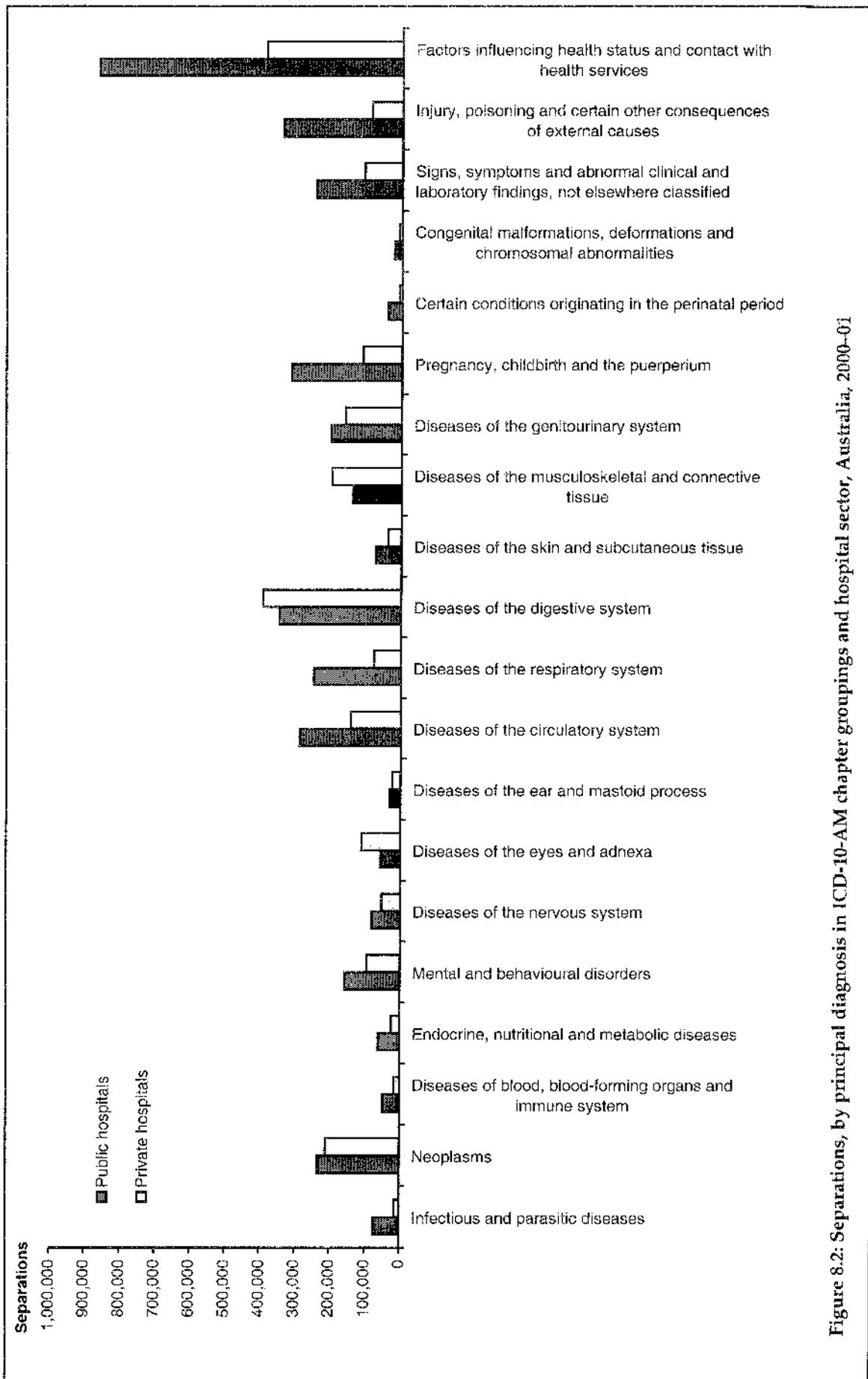


Figure 8.2: Separations, by principal diagnosis in ICD-10-AM chapter groupings and hospital sector, Australia, 2000-01

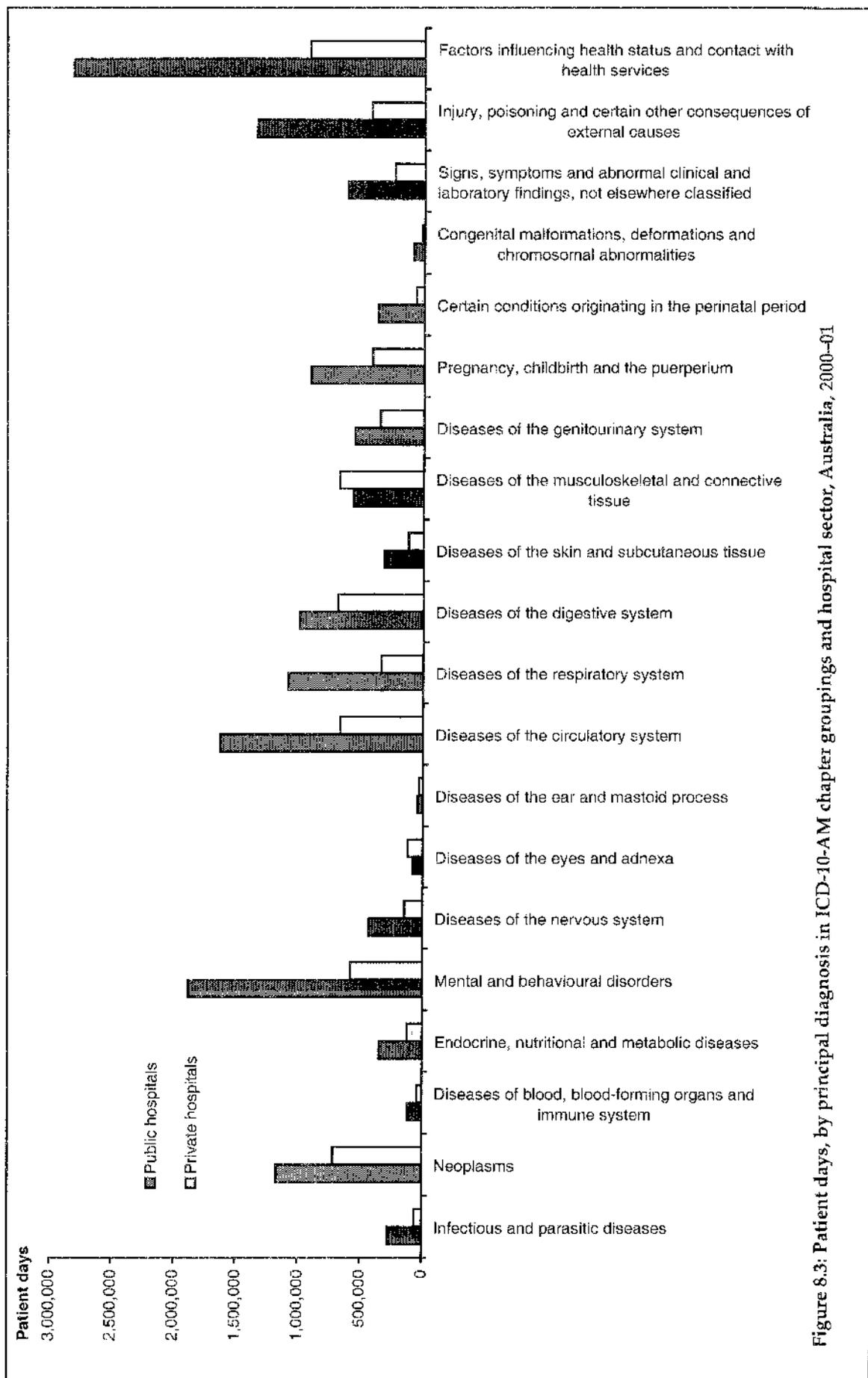


Figure 8.3: Patient days, by principal diagnosis in ICD-10-AM chapter groupings and hospital sector, Australia, 2000-01

Table 8.1: Selected separation statistics, by principal diagnosis in ICD-10-AM groupings, public hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Fatients per 10,000 population	ALOS (days)	ALOS (days) excluding same day
A00-A09 Intestinal infectious diseases	29,639	5,103	26,549	15.4	67,210	34.9	2.3	2.5
A15-A19 Tuberculosis	831	176	669	0.4	10,898	5.7	13.1	16.4
A20-A49 Zoonotic and other bacterial diseases	11,794	1,120	9,814	6.1	104,188	54.0	8.8	9.7
A50-A64 Predominantly sexually transmitted diseases	1,319	834	1,228	0.7	3,490	1.8	2.6	5.5
A65-B19 Other spirochaetal, chlamydial, rickettsial and viral diseases	10,546	3,879	9,433	5.5	36,868	19.1	3.5	4.9
B20-B24 HIV disease	274	93	261	0.1	2,956	1.5	10.8	15.8
B25-B99 Other and unspecified infectious and parasitic diseases	19,594	4,744	17,571	10.2	51,070	26.5	2.6	3.1
C00-C14 Mal. neoplasm of lip, oral cavity and pharynx	3,993	961	3,462	2.1	31,826	16.5	8.0	10.2
C15-C26 Mal. neoplasm of digestive system	25,001	5,622	20,738	13.0	224,777	116.6	9.0	11.3
C30-C39 Mal. neoplasm of respiratory and intrathoracic organs	14,233	3,070	12,023	7.4	109,859	57.0	7.7	9.6
C40-C50 Mal. neoplasm of bone, connective tissue and breast	41,272	23,355	35,311	21.4	125,845	65.3	3.0	5.7
C51-C68 Mal. neoplasm of genitourinary organs	23,914	7,102	20,013	12.4	131,399	68.2	5.5	7.4
C69-C80 Other and unspecified malignant neoplasms	31,300	7,071	25,743	16.2	240,998	125.0	7.7	9.7
C81-C97 Mal. neoplasms of lymphoid and haematopoietic tissue	32,515	17,514	26,746	16.9	154,586	85.4	5.1	9.8
D00-D09 Neoplasms in situ	9,237	7,063	8,186	4.8	15,810	8.2	1.7	4.0
D10-D36 Benign neoplasms	39,919	24,576	34,470	20.7	95,658	49.6	2.4	4.6
D37-D48 Neoplasms of unknown or uncertain behaviour	12,832	6,553	10,622	6.7	32,921	17.1	2.8	5.7
D50-D89 Dis. of blood and blood-forming organs and immune mechanism	47,692	30,342	40,597	24.7	119,792	62.1	2.5	5.2
E00-E90 Endocrine, nutritional and metabolic diseases	62,058	19,804	54,232	32.2	347,896	180.5	5.6	7.8
F00-F99 Mental and behavioural disorders	158,990	39,773	148,669	82.5	1,882,076	976.3	11.8	15.5
G00-G99 Diseases of the nervous system	82,181	30,610	71,712	42.6	431,181	223.7	5.2	7.8
H00-H59 Diseases of the eye and adnexa	56,494	43,675	43,588	29.3	79,042	41.0	1.4	2.8
H60-H95 Diseases of ear and mastoid process	30,885	18,989	26,609	16.0	47,222	24.5	1.5	2.4
I00-I09 Rheumatic heart disease	1,401	265	1,228	0.7	10,903	5.7	7.8	9.4
I10-I15 Hypertensive heart disease	5,581	946	4,636	2.9	21,290	11.0	3.8	4.4
I20-I25 Ischaemic heart disease	109,223	15,598	90,018	56.7	484,993	251.6	4.4	5.1
I26-I28 Pulmonary heart disease	6,443	488	5,184	3.3	47,639	24.7	7.4	7.9
I30-I52 Other forms of heart disease	79,251	14,842	64,179	41.1	444,542	230.6	5.6	6.7
I60-I69 Cerebrovascular disease	31,450	3,182	25,063	16.3	356,579	185.0	11.3	12.5
I70-I99 Other diseases of the circulatory system	55,014	18,016	46,931	28.5	260,865	135.3	4.7	6.6
J00-J06 Acute upper respiratory infections	27,004	6,675	24,772	14.0	50,189	26.0	1.9	2.1
J10-J18 Influenza and pneumonia	49,856	3,356	42,087	25.9	313,042	162.4	6.3	6.7
J20-J22 Acute lower respiratory infections	27,004	2,814	23,853	14.0	100,201	52.0	3.7	4.0
J30-J39 Other diseases of upper respiratory tract	33,936	7,251	29,310	17.6	46,926	24.3	1.4	1.5
J40-J70 Chronic lower respiratory dis. and lung dis. due to external agents	92,977	11,861	80,687	48.2	456,923	237.0	4.9	5.5
J80-J99 Other respiratory diseases	17,119	3,291	14,336	8.9	114,279	59.3	6.7	8.0
K00-K14 Diseases of oral cavity, salivary glands and jaws	30,712	24,955	24,181	15.9	42,038	21.8	1.4	3.0
K20-K31 Diseases of oesophagus, stomach and duodenum	79,576	58,767	69,711	41.3	155,799	80.8	2.0	4.7

(continued)

Table 8.1 (continued): Selected separation statistics, by principal diagnosis in ICD-10-AM groupings, public hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
K35-K38 Appendicitis	17,645	1,038	15,166	9.2	56,810	29.5	3.2	3.4
K40-K46 Hernias	36,146	12,465	31,397	18.8	74,327	38.7	2.1	2.6
K50-K52 Non-infective enteritis and colitis	26,891	12,189	23,720	13.9	79,655	41.3	3.0	4.6
K55-K67 Other diseases of intestines	71,648	32,107	61,031	37.2	254,799	132.2	3.6	5.6
K70-K87 Diseases of liver, gallbladder and pancreas	60,624	9,362	53,531	31.4	256,986	133.3	4.2	4.8
K90-K93 Other diseases of digestive system	23,287	12,319	20,031	12.1	69,655	36.1	3.0	5.2
L00-L99 Diseases of skin and subcutaneous tissue	72,538	27,119	63,855	37.6	317,174	164.5	4.4	6.4
M00-M99 Diseases of musculoskeletal and connective tissue	138,593	56,423	118,371	71.9	566,282	293.8	4.1	6.2
N00-N39 Diseases of the urinary system	84,265	27,568	73,556	43.7	322,476	167.3	3.8	5.2
N40-N51 Diseases of the male genital organs	22,346	8,912	19,514	11.6	57,779	30.0	2.6	3.6
N60-N64 Diseases of the breast	5,956	3,658	5,311	3.1	9,351	4.9	1.6	2.5
N70-N98 Diseases of the female pelvic organs and genital tract	85,663	55,675	73,852	44.4	153,554	79.7	1.8	3.3
N99 Other disorders of the genitourinary system	2,657	601	2,284	1.4	9,547	5.0	3.6	4.4
O60-O69 Pregnancy with abortive outcome	43,604	29,973	38,432	22.6	52,000	27.0	1.2	1.6
O70-O79 Complications relating to pregnancy	42,624	12,148	39,953	22.1	118,974	61.7	2.8	3.5
O80-O82 Complications relating to labour and delivery	201,582	21,847	186,498	104.6	672,039	348.6	3.3	3.6
O85-O99 Complications relating to the puerperium	25,069	7,707	23,794	13.0	61,931	32.1	2.5	3.1
P00-P96 Conditions originating in the perinatal period	39,802	4,007	36,010	20.6	370,895	192.4	9.3	10.3
Q00-Q99 Congenital abnormalities	23,310	10,934	18,960	12.1	88,301	45.8	3.8	6.3
R00-R99 Signs, symptoms and abnormal findings	244,156	100,106	214,177	126.7	617,207	320.2	2.5	3.6
S00-S19 Injuries to head and neck	63,224	27,348	51,274	32.8	178,050	92.4	2.8	4.2
S20-S39 Injuries to thorax, abdomen, back, spine and pelvis	27,972	5,722	19,423	14.5	170,544	88.5	6.1	7.4
S40-S99 Injuries to upper and lower limbs	145,024	42,672	114,527	75.2	574,706	298.1	4.0	5.2
T00-T19 Injuries to multi- or unspecified region; foreign body effects	7,400	3,769	6,364	3.8	13,466	7.0	1.8	2.7
T20-T35 Burns and frostbite	6,580	1,734	5,517	3.4	59,982	29.7	6.1	7.9
T36-T65 Poisoning and toxic effects	36,277	12,678	34,329	18.8	71,892	37.3	2.0	2.5
T66-T79 Other and unspecified effects of external causes	6,922	2,728	5,941	3.6	15,920	9.3	2.3	3.1
T80-T88 Complications of medical and surgical care	43,621	8,928	36,862	22.6	270,107	140.1	6.2	7.5
T89-T98 Other trauma complications; external cause sequelae	264	65	227	0.1	5,449	2.8	20.5	27.1
Z00-Z13 Encounter for examination and investigation	40,366	35,225	35,767	20.9	47,085	24.4	1.2	2.3
Z20-Z29 Encounter relating to communicable diseases	3,835	3,624	3,398	2.0	4,452	2.3	1.2	3.9
Z30-Z39 Encounter for services relating to reproduction	34,990	23,792	30,326	18.2	56,509	29.3	1.6	2.9
Z40-Z54 Encounter with health service for specific procedures	745,877	679,013	658,616	386.9	1,908,578	990.1	2.6	18.4
Z55-Z76 Encounter with health service in other circumstances	27,248	3,162	22,293	14.1	785,202	407.3	28.8	32.5
Z80-Z99 Encounter relating to personal and family history	8,106	7,747	7,133	4.2	9,326	4.8	1.2	4.4
Not reported	8,433	5,058	7,408	4.4	106,626	55.3	12.6	30.1
<b>Total</b>	<b>3,867,607</b>	<b>1,788,731</b>	<b>3,353,250</b>	<b>2,006.3</b>	<b>15,731,812</b>	<b>8,160.7</b>	<b>4.1</b>	<b>6.7</b>

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases.

Table 8.2: Selected separation statistics, by principal diagnosis in ICD-10-AM groupings, private hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
A00-A09	5,155	1,077	510	2.7	14,203	7.4	2.8	3.2
A15-A19	113	20	4	0.1	1,085	0.6	9.8	11.5
A20-A49	2,365	149	148	1.2	22,194	11.6	9.4	9.9
A50-A64	609	522	36	0.3	995	0.5	1.5	4.3
A65-B19	2,870	1,362	195	1.5	10,477	5.5	3.7	6.0
B20-B24	19	5	0	<0.1	227	0.1	11.9	15.9
B25-B99	4,190	1,361	361	2.2	12,255	6.4	2.9	3.9
C00-C14	1,295	374	73	0.7	7,682	4.0	5.9	7.9
C15-C26	18,418	6,326	781	9.7	134,668	70.6	7.3	10.6
C30-C39	5,169	1,032	392	2.7	40,627	21.3	7.9	9.8
C40-C50	57,545	38,915	1,113	30.2	123,308	64.6	2.1	4.5
C51-C68	21,140	6,883	735	11.1	94,710	49.6	4.5	6.2
C69-C80	15,722	3,481	849	8.2	115,233	60.4	7.3	9.1
C81-C97	15,019	8,367	316	7.9	54,670	28.7	3.6	7.0
D00-D09	8,976	6,496	255	4.7	15,593	8.2	1.7	3.7
D10-D36	59,679	43,751	1,888	31.3	111,612	58.5	1.9	4.3
D37-D48	8,318	5,314	226	4.4	18,790	9.8	2.3	4.5
D50-D89	16,969	10,646	957	8.9	40,722	21.3	2.4	4.8
E00-E90	24,801	8,133	968	13.0	121,263	63.6	4.9	6.8
F00-F99	95,462	63,412	2,003	50.0	580,366	304.2	6.1	16.1
G00-G99	53,241	17,134	1,707	27.9	144,550	75.8	2.7	3.5
H00-H59	111,647	91,789	2,542	58.5	119,250	62.5	1.1	1.4
H60-H99	24,261	18,047	665	12.7	31,106	16.3	1.3	2.1
I00-I09	656	173	39	0.3	4,926	2.6	7.5	3.8
I10-I15	1,905	121	84	1.0	10,344	5.4	5.4	5.7
I20-I25	48,675	10,388	3,051	25.5	206,610	108.3	4.2	5.1
I26-I28	1,920	40	89	1.0	16,067	8.4	8.4	8.5
I30-I52	30,443	5,383	1,485	16.0	174,775	91.6	5.7	6.8
I60-I69	9,036	378	451	4.7	100,151	52.5	11.1	11.5
I70-I99	50,286	22,672	1,536	26.3	155,009	81.2	3.1	4.8
J00-J06	3,306	415	457	1.7	8,934	4.7	2.7	2.9
J10-J18	11,179	264	619	5.9	89,745	47.0	8.0	8.2
J20-J22	4,252	125	484	2.2	27,377	14.3	6.4	6.6
J30-J39	36,076	7,651	887	18.9	44,652	23.4	1.2	1.3
J40-J70	16,655	1,042	1,732	8.7	131,313	68.8	7.9	8.3
J80-J99	4,825	701	225	2.5	34,787	18.2	7.2	8.3
K00-K14	72,493	63,693	1,188	38.0	77,962	40.9	1.1	1.6
K20-K31	120,009	112,245	2,999	62.9	149,908	78.6	1.2	4.9

(continued)

Table 8.2 (continued): Selected separation statistics, by principal diagnosis in ICD-10-AM groupings, private hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
K35-K38 Appendicitis	6,002	85	466	3.1	19,571	10.3	3.3	3.3
K40-K46 Hernias	11,527	13,657	1,330	21.8	79,181	41.5	1.9	2.4
K50-K52 Non-infective enteritis and colitis	18,969	13,988	584	9.9	44,135	23.1	2.3	6.0
K55-K67 Other diseases of intestines	87,950	67,877	2,387	46.1	177,974	93.3	2.0	5.5
K70-K87 Diseases of liver, gallbladder and pancreas	27,610	1,750	1,703	14.5	99,015	51.9	3.6	3.8
K90-K93 Other diseases of digestive system	18,911	15,065	488	9.9	35,964	18.8	1.9	5.4
L00-L99 Diseases of skin and subcutaneous tissue	37,708	23,851	1,525	19.8	120,026	62.9	3.2	6.9
M00-M99 Diseases of musculoskeletal and connective tissue	197,776	82,326	5,369	133.7	672,869	352.6	3.4	5.1
N00-N39 Diseases of the urinary system	45,364	20,564	1,791	23.8	126,861	66.5	2.8	4.3
N40-N51 Diseases of the male genital organs	21,221	9,026	886	11.1	53,193	27.9	2.5	3.6
N60-N64 Diseases of the breast	7,692	4,207	246	4.0	11,342	5.9	1.5	2.0
N70-N98 Diseases of the female pelvic organs and genital tract	83,824	58,450	3,311	43.9	154,397	80.9	1.8	3.8
N99 Other disorders of the genitourinary system:								
O00-O09 Pregnancy with abortive outcome	1,806	289	112	0.9	6,620	3.5	3.7	4.2
O10-O29 Complications relating to pregnancy	30,578	27,968	940	16.0	31,906	16.7	1.0	1.5
O30-O82 Complications relating to labour and delivery	8,639	747	803	4.5	36,185	19.0	4.2	4.5
O85-O99 Complications relating to the puerperium	65,038	2,994	4,224	34.1	325,620	170.7	5.0	5.2
P00-P96 Conditions originating in the perinatal period	6,636	1,948	479	3.5	20,173	10.6	3.0	3.9
Q00-Q99 Congenital abnormalities	8,640	438	559	4.5	66,178	34.7	7.7	8.1
R00-R99 Signs, symptoms and abnormal findings	9,665	5,198	295	5.1	20,960	11.0	2.2	3.5
S00-S19 Injuries to head and neck	107,661	62,618	4,599	56.4	238,395	124.9	2.2	3.9
S20-S39 Injuries to thorax, abdomen, back, spine and pelvis	7,783	3,555	714	4.1	22,874	12.0	2.9	4.6
S40-S99 Injuries to upper and lower limbs	5,398	291	376	2.8	51,636	27.1	9.6	10.1
T00-T19 Injuries to multi- or unspecified region; foreign body effects	46,183	12,821	2,167	24.2	197,561	103.5	4.3	5.5
T20-T35 Burns and frostbite	1,547	835	77	0.8	3,820	2.0	2.5	4.2
T36-T65 Poisoning and toxic effects	518	95	47	0.3	2,727	1.4	5.3	6.2
T66-T79 Other and unspecified effects of external causes	2,133	473	756	1.1	7,583	4.0	3.6	4.3
T80-T88 Complications of medical and surgical care	738	184	71	0.4	2,915	1.5	4.0	4.9
T89-T98 Other trauma complications; external cause sequelae	22,149	4,069	675	11.6	137,309	72.0	5.2	7.4
Z00-Z13 Encounter for examination and investigation	30	12	1	<0.1	90	<0.1	3.0	4.3
Z20-Z29 Encounter relating to communicable diseases	36,749	36,433	902	20.3	40,798	21.4	1.1	1.9
Z30-Z39 Encounter for services relating to reproduction	687	657	80	0.4	722	0.4	1.1	2.2
Z40-Z54 Encounter with health service for specific procedures	29,226	24,565	1,172	15.3	42,933	22.5	1.5	3.9
Z55-Z76 Encounter with health service in other circumstances	292,658	249,290	29,401	153.4	745,158	390.5	2.5	11.4
Z80-Z99 Encounter relating to personal and family history	2,489	498	626	1.3	63,664	33.4	25.8	31.7
Not reported	21,770	21,589	441	11.4	21,951	11.5	1.0	2.0
	838	709	67	0.4	6,988	3.7	8.3	48.7
<b>Total</b>	<b>2,270,791</b>	<b>1,329,020</b>	<b>101,612</b>	<b>1,190.1</b>	<b>6,737,341</b>	<b>3,530.9</b>	<b>3.0</b>	<b>5.7</b>

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases.

Table 8.3: Separations, by principal diagnosis in ICD-10-AM groupings, public hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-A09 Intestinal infectious diseases	12,049	5,328	5,162	2,773	2,429	289	502	1,107	29,639
A15-A19 Tuberculosis	338	226	129	60	41	6	9	22	831
A20-A49 Zoonotic and other bacterial diseases	4,479	2,875	2,002	985	825	230	201	297	11,794
A50-A64 Predominantly sexually transmitted diseases	374	309	256	161	98	24	13	84	1,319
A65-B19 Other spirochaetal, chlamydial, rickettsial and viral diseases	3,661	2,618	1,940	1,088	873	136	107	123	10,546
B20-B24 HIV disease	102	42	26	12	85	4	2	1	274
B25-B99 Other and unspecified infectious and parasitic diseases	7,157	4,302	3,588	2,325	1,383	250	223	366	19,594
C00-C14 Mal. neoplasm of lip, oral cavity and pharynx	1,271	1,096	822	280	331	93	71	29	3,993
C15-C26 Mal. neoplasm of digestive system	9,075	6,502	3,948	1,913	2,487	530	466	80	25,001
C30-C39 Mal. neoplasm of respiratory and intrathoracic organs	4,744	3,647	2,730	995	1,526	321	204	66	14,233
C40-C50 Mal. neoplasm of bone, connective tissue and breast	11,610	9,693	9,611	3,535	5,314	776	555	178	41,272
C51-C68 Mal. neoplasm of genitourinary organs	7,977	6,553	3,898	1,749	2,766	535	366	70	23,914
C69-C80 Other and unspecified mal. neoplasms	9,849	10,401	5,295	2,155	2,529	690	489	92	31,300
C81-C97 Mal. neoplasms of lymphoid and haematopoietic tissue	8,736	10,362	6,327	2,939	3,013	456	612	70	32,515
D00-D09 Neoplasms in situ	2,546	2,007	2,383	667	1,125	262	117	130	9,237
D10-D36 Benign neoplasms	13,152	10,021	6,664	4,372	4,082	682	686	250	39,919
D37-D48 Neoplasms of unknown or uncertain behaviour	4,354	3,169	2,260	1,235	1,224	209	352	29	12,832
D50-D89 Dis. of blood and blood-forming organs and immune mechanism	13,537	14,351	7,831	4,912	5,113	612	833	303	47,692
E00-E90 Endocrine, nutritional and metabolic diseases	17,003	17,904	9,462	5,726	7,163	1,752	1,916	1,132	62,058
F00-F99 Mental and behavioural disorders	54,635	35,478	28,758	18,958	14,712	3,905	1,532	1,012	158,990
G00-G99 Diseases of the nervous system	25,333	25,650	13,182	6,964	8,058	1,552	901	541	82,181
H00-H59 Diseases of the eye and adnexa	19,098	15,850	7,676	5,821	6,509	371	437	632	56,494
H60-H99 Diseases of ear and mastoid process	8,390	8,359	6,362	3,231	3,377	361	480	325	30,885
I00-I09 Rheumatic heart disease	321	285	350	194	117	29	21	84	1,401
I10-I15 Hypertensive heart disease	2,251	1,151	987	541	474	91	44	42	5,581
I20-I25 Ischaemic heart disease	38,503	26,013	20,858	8,444	9,973	2,626	1,962	744	109,223
I26-I28 Pulmonary heart disease	3,182	1,256	839	426	506	106	93	35	6,443
I30-I52 Other heart disease	29,687	19,673	13,395	6,291	6,833	1,654	1,129	589	79,251
I60-I69 Cerebrovascular disease	12,166	8,426	4,762	2,294	2,566	650	399	187	31,450
I70-I99 Other diseases of the circulatory system	18,410	14,348	8,696	5,159	5,990	1,002	1,075	334	55,014
J00-J06 Acute upper respiratory infections	10,280	5,243	5,324	2,850	2,172	415	310	410	27,004
J10-J18 Influenza and pneumonia	18,584	12,235	7,497	4,206	4,400	782	614	1,538	49,856
J20-J22 Acute lower respiratory infections	10,195	5,193	4,653	3,410	2,250	367	244	692	27,004
J30-J39 Other diseases of upper respiratory tract	9,581	10,818	5,211	3,178	3,970	415	516	247	33,936
J40-J70 Chronic lower respiratory diseases	35,480	21,441	15,228	8,088	9,254	1,403	945	1,138	92,977
J80-J99 Other respiratory diseases	6,512	3,637	2,927	1,407	1,898	346	225	147	17,119
K00-K14 Diseases of oral cavity, salivary glands and jaws	7,649	7,419	7,259	3,091	3,616	810	415	453	30,712
K20-K31 Diseases of oesophagus, stomach and duodenum	25,924	19,123	13,448	9,677	8,227	1,106	1,300	771	79,576

(continued)

Table 8.3 (continued): Separations, by principal diagnosis in ICD-10-AM groupings, public hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
K35-K38 Appendicitis	6,229	4,390	3,009	1,833	1,252	364	369	199	17,645
K40-K46 Hernias	12,266	9,510	6,574	3,174	3,368	518	463	253	36,146
K50-K52 Non-infective enteritis and colitis	8,849	7,295	5,037	2,493	2,287	435	345	150	26,891
K55-K67 Other diseases of intestines	25,203	17,318	12,353	7,668	6,456	1,300	854	496	71,648
K70-K87 Diseases of liver, gallbladder and pancreas	21,542	15,142	10,937	4,829	5,282	1,271	1,058	563	60,624
K90-K93 Other diseases of digestive system	7,850	6,142	4,123	2,120	2,126	403	298	225	23,287
L00-L99 Diseases of skin and subcutaneous tissue	22,123	15,132	14,428	6,691	9,740	1,911	679	1,834	72,538
M00-M99 Diseases of musculoskeletal and connective tissue	43,492	36,107	22,803	14,015	15,154	3,768	2,128	1,126	138,593
N00-N39 Diseases of the urinary system	30,067	21,476	14,525	7,791	6,932	1,605	995	874	84,265
N40-N51 Diseases of the male genital organs	7,469	6,226	3,384	2,207	1,984	516	354	206	22,346
N60-N64 Diseases of the breast	1,591	1,810	892	655	702	142	71	95	5,958
N70-N98 Diseases of the female pelvic organs and genital tract	26,050	24,837	15,508	7,226	8,673	1,301	1,159	909	85,663
N99 Other disorders of the genitourinary system	934	714	379	224	291	69	33	13	2,657
O00-C09 Pregnancy with abortive outcome	12,000	12,095	5,550	3,641	7,541	896	473	1,408	43,904
O10-O29 Complications relating to pregnancy	15,523	10,981	7,965	2,893	3,464	600	485	713	42,624
O30-O82 Complications relating to labour and delivery	69,678	48,088	40,215	17,159	15,657	3,888	3,320	3,577	201,582
O85-O99 Complications relating to the puerperium	7,701	6,455	4,325	2,039	3,177	421	269	682	26,069
P00-P96 Conditions originating in the perinatal period	12,561	11,649	6,939	2,523	3,255	1,425	540	910	39,802
Q00-Q99 Congenital abnormalities	7,779	6,524	3,959	2,144	1,882	483	342	197	23,310
R00-R99 Signs, symptoms and abnormal findings	83,807	71,852	40,577	19,500	19,997	3,518	2,415	2,490	244,156
S00-S19 Injuries to head and neck	21,106	14,665	14,209	6,066	4,704	995	480	999	63,224
S20-S39 Injuries to thorax, abdomen, back, spine and pelvis	9,992	7,079	5,191	2,563	1,901	482	317	447	27,972
S40-S99 Injuries to upper and lower limbs	51,976	34,116	29,372	12,436	10,060	2,575	2,216	2,371	145,024
T00-T19 Injuries to multi- or unspecified region; foreign body effects	2,518	1,576	1,886	556	552	118	98	96	7,400
T20-T35 Burns and frostbite	2,173	1,143	1,514	815	591	116	62	166	6,580
T36-T65 Poisoning and toxic effects	11,543	9,083	7,728	3,469	3,084	738	350	282	36,277
T66-T79 Other and unspecified effects of external causes	2,120	1,155	1,688	915	754	145	51	94	6,922
T80-T88 Complications of medical and surgical care	14,286	10,854	8,017	4,631	3,599	1,019	731	485	43,621
T89-T98 Other trauma complications; external cause sequelae	140	0	70	40	0	3	6	5	264
Z00-Z13 Encounter for examination and investigation	12,099	9,438	7,794	4,477	4,945	619	704	290	40,366
Z20-Z29 Encounter relating to communicable diseases	871	1,295	988	533	51	52	18	27	3,835
Z30-Z39 Encounter for services relating to reproduction	10,864	9,738	4,434	3,344	4,817	525	254	1,014	34,990
Z40-Z54 Encounter with health service for specific procedures	186,757	232,972	134,324	77,018	62,504	12,911	18,724	20,667	745,877
Z55-Z76 Encounter with health service in other circumstances	10,346	6,415	5,110	1,749	2,368	597	102	561	27,248
Z80-Z99 Encounter relating to personal and family history	2,737	2,257	1,094	1,196	481	97	179	66	8,106
Not reported	8,207	81	0	0	0	11	0	134	8,433
<b>Total</b>	<b>1,238,444</b>	<b>1,028,636</b>	<b>688,647</b>	<b>362,645</b>	<b>357,059</b>	<b>71,895</b>	<b>61,308</b>	<b>58,973</b>	<b>3,867,607</b>

Note: Abbreviations: mal.—malignant; dis.—diseases.

Table 8.4: Separations, by principal diagnosis in ICD-10-AM groupings, private hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
A00-A09 Intestinal infectious diseases	1,077	879	2,053	657	254	n.p.	n.p.	n.a.	5,155
A15-A19 Tuberculosis	26	33	23	26	4	1	0	n.a.	113
A20-A49 Zoonotic and other bacterial diseases	378	698	690	233	255	78	33	n.a.	2,365
A50-A64 Predominantly sexually transmitted diseases	225	117	131	56	44	n.p.	n.p.	n.a.	609
A65-B19 Other spirochaetal, chlamydial, rickettsial and viral diseases	767	503	744	373	237	n.p.	n.p.	n.a.	2,870
B20-B24 HIV disease	1	6	6	2	3	n.p.	n.p.	n.a.	19
B25-B99 Other and unspecified infectious and parasitic diseases	936	768	1,407	568	349	132	30	n.a.	4,190
C00-C14 Mal. neoplasm of lip, oral cavity and pharynx	552	257	363	156	99	n.p.	n.p.	n.a.	1,295
C15-C26 Mal. neoplasm of digestive system	4,698	5,289	4,065	1,847	1,800	453	266	n.a.	18,418
C30-C39 Mal. neoplasm of respiratory and intrathoracic organs	987	1,575	1,276	622	543	121	45	n.a.	5,169
C40-C50 Mal. neoplasm of bone, connective tissue and breast	16,163	12,567	15,336	4,601	6,262	1,540	1,076	n.a.	57,545
C51-C68 Mal. neoplasm of genitourinary organs	6,388	5,853	4,201	1,988	1,665	n.p.	n.p.	n.a.	21,140
C69-C80 Other and unspecified mal. neoplasms	2,959	5,198	4,088	1,746	1,210	408	113	n.a.	15,722
C81-C97 Mal. neoplasms of lymphoid and haematopoietic tissue	1,542	5,265	5,822	1,101	935	262	92	n.a.	15,019
D00-D09 Neoplasms in situ	2,566	1,614	2,311	714	1,179	442	150	n.a.	8,976
D10-D36 Benign neoplasms	19,930	13,010	13,467	6,495	4,532	1,634	611	n.a.	59,679
D37-D48 Neoplasms of unknown or uncertain behaviour	2,083	2,149	2,508	727	537	187	127	n.a.	8,318
D50-D89 Dis. of blood and blood-forming organs and immune mechanism	3,870	4,458	4,954	1,728	1,372	484	103	n.a.	16,969
E00-E90 Endocrine, nutritional and metabolic diseases	5,837	6,864	5,599	2,921	2,505	821	254	n.a.	24,801
F00-F99 Mental and behavioural disorders	24,750	30,074	22,881	10,884	3,496	n.p.	n.p.	n.a.	95,462
G00-G99 Diseases of the nervous system	15,643	13,953	11,749	5,118	4,451	1,902	425	n.a.	53,241
H00-H59 Diseases of the eye and adnexa	39,097	23,289	26,278	8,766	8,090	n.p.	n.p.	n.a.	111,647
H60-H99 Diseases of ear and mastoid process	6,523	5,367	4,728	2,922	3,295	n.p.	n.p.	n.a.	24,261
I00-I09 Rheumatic heart disease	238	159	171	47	21	n.p.	n.p.	n.a.	656
I10-I15 Hypertensive heart disease	309	382	791	125	167	102	29	n.a.	1,905
I20-I25 Ischaemic heart disease	14,724	12,701	11,150	4,522	3,602	n.p.	n.p.	n.a.	48,675
I26-I28 Pulmonary heart disease	498	489	467	191	185	50	40	n.a.	1,920
I30-I52 Other heart disease	7,184	8,657	7,523	2,890	2,871	1,086	252	n.a.	30,443
I60-I69 Cerebrovascular disease	1,679	2,584	2,494	811	1,062	347	58	n.a.	9,035
I70-I99 Other diseases of the circulatory system	15,435	13,249	10,266	5,396	3,890	1,430	600	n.a.	50,266
J00-J06 Acute upper respiratory infections	752	529	1,031	572	251	136	35	n.a.	3,306
J10-J18 Influenza and pneumonia	1,942	3,453	2,987	1,111	1,136	432	118	n.a.	11,176
J20-J22 Acute lower respiratory infections	849	1,008	1,293	566	369	138	29	n.a.	4,252
J30-J39 Other diseases of upper respiratory tract	11,725	7,797	7,086	4,137	4,055	n.p.	n.p.	n.a.	36,076
J40-J70 Chronic lower respiratory diseases	2,894	4,043	4,894	2,215	1,638	786	185	n.a.	16,655
J80-J99 Other respiratory diseases	1,075	1,302	1,221	484	484	191	68	n.a.	4,825
K00-K14 Diseases of oral cavity, salivary glands and jaws	19,491	19,709	14,415	10,494	5,779	1,762	843	n.a.	72,493
K20-K31 Diseases of oesophagus, stomach and duodenum	36,130	33,054	29,444	10,376	8,173	2,606	226	n.a.	120,009
K35-K38 Appendicitis	1,214	1,397	1,639	974	460	257	61	n.a.	6,002

(continued)

Table 8.4 (continued): Separations, by principal diagnosis in ICD-10-AM groupings, private hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
K40-K46 Hernias	13,411	11,199	8,716	3,816	2,780	1,029	576	n.a.	41,527
K50-K52 Non-infective enteritis and colitis	5,175	4,789	4,733	1,987	1,530	674	81	n.a.	18,969
K55-K67 Other diseases of intestines	25,899	22,166	23,428	7,599	8,432	2,085	341	n.a.	87,950
K70-K87 Diseases of liver, gallbladder and pancreas	7,749	6,473	6,428	3,070	2,464	958	458	n.a.	27,610
K90-K93 Other diseases of digestive system	4,948	5,198	4,825	1,941	1,357	554	88	n.a.	18,911
L00-L99 Diseases of skin and subcutaneous tissue	10,431	8,834	7,639	3,891	3,697	2,743	473	n.a.	37,708
M00-M99 Diseases of musculoskeletal and connective tissue	57,264	50,441	31,863	28,749	20,190	6,566	2,703	n.a.	197,776
N00-N39 Diseases of the urinary system	13,839	10,057	11,067	4,687	3,773	1,340	301	n.a.	45,364
N40-N51 Diseases of the male genital organs	6,960	5,429	3,857	2,389	1,402	n.p.	n.p.	n.a.	21,221
N60-N64 Diseases of the breast	2,255	2,232	1,234	906	696	253	116	n.a.	7,692
N70-N98 Diseases of the female pelvic organs and genital tract	27,336	20,674	17,328	8,802	5,512	n.p.	n.p.	n.a.	93,824
N99 Other disorders of the genitourinary system	543	379	381	221	129	n.p.	n.p.	n.a.	1,805
O00-O09 Pregnancy with abortive outcome	15,155	7,236	2,473	4,144	872	n.p.	n.p.	n.a.	30,578
O10-O29 Complications relating to pregnancy	2,422	1,885	1,785	1,513	443	n.p.	n.p.	n.a.	8,639
O30-O82 Complications relating to labour and delivery	19,082	15,797	13,355	9,108	4,017	n.p.	n.p.	n.a.	55,038
O85-O99 Complications relating to the puerperium	1,313	2,408	1,170	942	323	n.p.	n.p.	n.a.	6,636
P00-P96 Conditions originating in the perinatal period	1,660	2,743	1,556	1,440	501	n.p.	n.p.	n.a.	8,640
Q00-Q99 Congenital abnormalities	3,422	2,055	1,869	1,101	787	291	140	n.a.	9,665
F00-F99 Signs, symptoms and abnormal findings	23,596	31,713	26,530	13,408	8,248	3,398	768	n.a.	107,661
S00-S19 Injuries to head and neck	1,566	1,838	2,072	1,050	744	n.p.	n.p.	n.a.	7,783
S20-S39 Injuries to thorax, abdomen, back, spine and pelvis	1,056	1,340	1,539	631	480	301	51	n.a.	5,398
S40-S99 Injuries to upper and lower limbs	11,428	11,684	10,378	5,428	5,241	1,593	431	n.a.	46,183
T00-T19 Injuries to multi- or unspecified region; foreign body effects	382	295	500	160	130	n.p.	n.p.	n.a.	1,547
T20-T35 Burns and frostbite	98	105	141	69	81	20	4	n.a.	518
T36-T65 Poisoning and toxic effects	250	357	628	615	140	131	12	n.a.	2,133
T66-T79 Other and unspecified effects of external causes	146	127	220	104	97	38	8	n.a.	738
T80-T88 Complications of medical and surgical care	5,922	5,482	4,940	2,643	2,082	725	355	n.a.	22,149
T89-T98 Other trauma complications; external cause sequelae	12	0	9	7	0	2	0	n.a.	30
Z00-Z13 Encounter for examination and investigation	14,932	8,605	8,392	3,245	2,459	956	160	n.a.	38,749
Z20-Z29 Encounter relating to communicable diseases	42	179	336	9	3	n.p.	n.p.	n.a.	687
Z30-Z39 Encounter for services relating to reproduction	10,405	8,255	4,749	2,504	1,409	n.p.	n.p.	n.a.	29,226
Z40-Z54 Encounter with health service for specific procedures	68,522	73,937	85,463	31,092	27,684	n.p.	n.p.	n.a.	292,658
Z55-Z76 Encounter with health service in other circumstances	442	383	1,011	428	123	96	6	n.a.	2,489
Z80-Z99 Encounter relating to personal and family history	8,952	4,731	4,146	2,268	1,129	n.p.	n.p.	n.a.	21,770
Not reported	10	495	0	0	0	333	0	n.a.	838
<b>Total</b>	<b>639,762</b>	<b>580,420</b>	<b>526,313</b>	<b>250,129</b>	<b>184,305</b>	<b>65,256</b>	<b>24,606</b>	<b>n.a.</b>	<b>2,270,791</b>

Note: Abbreviations: mal.—malignant, dis.—diseases.  
n.a. not available.  
n.p. not published.



Table 8.6: Selected separation statistics for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, Australia, 2000-01

Principal diagnosis	Separations		Same day separations	Public patient separations		Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
	Separations	Public patient separations		Public patient separations	separations					
Z49 Care involving dialysis	494,153	439,936	492,356	439,936	256.3	497,098	257.9	1.0	2.6	
Z51 Other medical care	121,521	107,718	119,682	107,718	63.0	134,896	70.0	1.1	8.3	
Z50 Care involving use of rehabilitation procedure	69,266	58,707	27,314	58,707	35.9	1,069,743	554.9	15.4	24.8	
I20 Angina pectoris	63,095	52,037	10,618	52,037	32.7	233,475	121.1	3.7	4.2	
R10 Abdominal and pelvic pain	55,889	50,517	27,142	50,517	29.0	99,076	51.4	1.8	2.5	
R07 Pain in throat and chest	52,349	46,032	18,857	46,032	27.2	91,806	47.6	1.8	2.2	
J18 Pneumonia organism unspecified	41,732	35,202	2,864	35,202	21.6	256,610	133.1	6.1	6.5	
J44 Other chronic obstructive pulmonary disease	40,002	32,821	3,062	32,821	20.8	283,947	147.3	7.1	7.6	
O70 Perineal laceration during delivery	37,577	34,412	1,050	34,412	19.5	113,815	60.6	3.1	3.2	
K80 Cholelithiasis	34,964	31,081	4,770	31,081	18.1	109,350	56.7	3.1	3.5	
J45 Asthma	33,995	31,420	6,369	31,420	17.6	77,924	40.4	2.3	2.6	
I50 Heart failure	31,960	25,636	2,461	25,636	16.6	247,340	128.3	7.7	8.3	
H26 Other cataract	31,243	23,853	27,768	23,853	16.2	93,053	17.1	1.1	1.5	
I21 Acute myocardial infarction	30,233	24,714	3,094	24,714	15.7	185,956	96.5	6.2	6.7	
O80 Single spontaneous delivery	28,464	26,839	1,674	26,839	14.8	70,406	36.5	2.5	2.6	
S62 Fracture of forearm	26,394	21,789	7,745	21,789	13.7	52,044	27.0	2.0	2.4	
K21 Gastro-oesophageal reflux disease	25,568	22,591	20,541	22,591	13.3	38,205	19.8	1.5	3.5	
N39 Other disorders of urinary system	25,248	21,792	5,102	21,792	13.1	120,805	62.7	4.8	5.7	
F32 Depressive episode	24,039	21,905	8,443	21,905	12.5	191,502	99.3	8.0	11.7	
C44 Other malignant neoplasms of skin	24,019	20,588	17,913	20,588	12.5	48,442	25.1	2.0	5.0	
L03 Cellulitis	23,921	1,762	1,762	20,749	12.4	130,394	67.6	5.5	5.8	
I48 Atrial fibrillation and flutter	23,013	6,768	6,768	18,601	11.9	72,168	37.4	3.1	4.0	
F20 Schizophrenia	22,578	2,831	2,831	22,208	11.7	618,141	320.7	27.4	31.2	
K29 Gastritis and duodenitis	22,157	19,851	16,644	19,851	11.5	35,020	18.2	1.6	3.3	
E11 Type 2 diabetes mellitus	21,980	6,731	6,731	19,074	11.4	152,273	75.0	6.9	9.5	
K40 Inguinal hernia	20,131	5,510	5,510	17,225	10.4	33,261	17.3	1.7	1.9	
K52 Other noninfective gastroenteritis & colitis	19,759	8,445	8,445	17,380	10.2	49,575	25.7	2.5	3.6	
S72 Fracture of femur	19,648	1,879	1,879	14,835	10.2	219,866	114.1	11.2	12.3	
T81 Complications of procedures, not elsewhere classified	19,345	3,118	3,118	16,452	10.0	108,841	56.5	5.6	6.5	
M54 Dorsalgia	18,611	7,962	7,962	15,316	9.7	53,051	30.1	3.1	4.7	
Other	2,356,320	2,034,561	913,178	2,034,561	1,222.3	10,188,901	5,285.5	4.3	6.4	
Not reported	8,433	7,408	5,058	7,408	4.4	106,626	55.3	12.6	30.1	
<b>Total</b>	<b>3,867,607</b>	<b>3,353,250</b>	<b>1,788,731</b>	<b>3,353,250</b>	<b>2,006.3</b>	<b>15,731,612</b>	<b>8,160.7</b>	<b>4.1</b>	<b>6.7</b>	

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the Internet at <http://www.aihw.gov.au/publications/hse/ahs00-01.html>.

Table 8.7: Selected separation statistics for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
Z51 Other medical care	115,655	114,928	4,336	60.6	119,541	62.6	1.0	6.3
Z49 Care involving dialysis	84,943	84,671	22,568	44.5	85,521	44.8	1.0	3.1
H26 Other cataract	57,869	45,739	1,755	30.3	59,855	31.4	1.0	1.2
K01 Embedded and impacted teeth	43,001	38,981	646	22.5	43,178	22.6	1.0	1.0
K21 Gastro-oesophageal reflux disease	42,582	40,027	1,057	22.3	50,252	26.3	1.2	4.0
Z50 Care involving use of rehabilitation procedures	41,657	20,055	1,062	21.8	411,881	215.9	9.9	18.1
C44 Other malignant neoplasms of skin	41,599	33,484	661	21.8	62,994	33.0	1.5	3.6
M23 Internal derangement of knee	37,560	26,713	619	19.7	44,024	23.1	1.2	1.6
R10 Abdominal and pelvic pain	36,092	26,831	1,320	18.9	56,029	29.4	1.6	3.2
K29 Gastritis and duodenitis	31,500	29,973	923	16.5	35,661	18.7	1.1	3.7
H25 Senile cataract	28,677	26,544	298	15.0	29,110	15.3	1.0	1.2
K57 Diverticular disease of intestine	28,181	23,277	620	14.8	51,685	27.1	1.8	5.8
I20 Angina pectoris	25,361	3,345	955	13.3	107,936	56.6	4.3	4.8
D12 Benign neoplasm colon, rectus, anus and anal canal	24,722	22,709	570	13.0	31,851	16.7	1.3	4.5
M17 Gonarthrosis (arthrosis of knee)	23,211	7,427	589	12.2	127,748	67.0	5.5	7.5
I84 Haemorrhoids	22,807	17,998	675	12.0	31,447	16.5	1.4	2.8
K40 Inguinal hernia	22,538	2,993	788	11.8	40,748	21.4	1.8	1.9
G47 Sleep disorders	22,324	1,611	296	11.7	27,152	14.2	1.2	1.2
Z80 Family history of malignant neoplasm	20,521	20,375	427	10.8	20,626	10.8	1.0	1.7
O04 Medical abortion	19,528	19,216	286	10.2	19,689	10.3	1.0	1.5
M54 Dorsalgia	19,453	11,020	853	10.2	61,314	32.1	3.2	6.0
F32 Depressive episode	19,237	12,991	308	10.1	123,930	64.9	6.4	17.8
K80 Cholelithiasis	18,930	756	1,230	9.9	56,932	29.8	3.0	3.1
K63 Other diseases of intestine	17,586	16,634	315	9.2	21,085	11.1	1.2	4.7
Z08 Follow-up examination after treatment for malignant neoplasms	17,308	16,141	481	9.1	17,950	9.4	1.0	1.6
N97 Female infertility	16,662	16,024	205	8.7	16,903	8.9	1.0	1.4
Z09 Follow-up examination after treatment for conditions other than malignant neoplasm	15,961	15,419	322	8.4	16,321	8.6	1.0	1.7
I25 Chronic ischaemic heart disease	15,731	6,505	1,544	8.2	48,766	25.6	3.1	4.6
R07 Pain in throat and chest	15,679	5,325	989	8.2	30,372	15.9	1.9	2.4
K92 Other diseases of digestive system	15,455	13,085	390	8.1	23,932	12.5	1.5	4.6
Other	1,327,623	607,514	54,457	695.8	4,855,920	2,544.9	3.7	5.9
Not reported	838	709	67	0.4	6,988	3.7	8.3	48.7
<b>Total</b>	<b>2,270,791</b>	<b>1,328,020</b>	<b>101,612</b>	<b>1,190.1</b>	<b>6,737,341</b>	<b>3,530.9</b>	<b>3.0</b>	<b>5.7</b>

Note: A similar listing of all principal diagnoses in 3-character ICD-10-AM groupings is provided on the internet at <http://www.aihw.gov.au/publications/hse/ahs00-01.html>.

**Table 8.8: Selected separation statistics for the 30 principal diagnoses in 3-character CD-10-AM groupings with the highest number of separations, private free-standing day hospitals, Australia, <sup>(a)</sup> 2000-01**

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population
Z51 Other medical care	24,835	24,835	429	13.4
H25 Senile cataract	20,589	20,589	4	11.1
O04 Medical abortion	14,634	14,634	10	7.9
H26 Other cataract	14,486	14,486	148	7.8
C44 Other malignant neoplasms of skin	13,501	13,501	0	7.3
K21 Gastro-oesophageal reflux disease	13,461	13,460	252	7.3
K29 Gastritis and duodenitis	12,909	12,909	249	7.0
R10 Abdominal and pelvic pain	10,946	10,946	45	5.9
Z49 Care involving dialysis	9,473	9,473	4,868	5.1
K57 Diverticular disease of intestine	8,478	8,478	59	4.6
D12 Benign neoplasm colon, rectum, anus and anal canal	8,353	8,353	93	4.5
I84 Haemorrhoids	7,062	7,062	56	3.8
Z80 Family history of malignant neoplasm	6,597	6,597	18	3.6
K63 Other diseases of intestine	6,356	6,356	28	3.4
N97 Female infertility	6,057	6,057	0	3.3
K01 Embedded and impacted teeth	5,909	5,909	507	3.2
K20 Oesophagitis	5,467	5,467	73	3.0
K22 Other diseases of oesophagus	4,498	4,498	27	2.4
K44 Diaphragmatic hernia	4,275	4,275	6	2.3
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	3,879	3,879	25	2.1
K59 Other functional intestinal disorders	3,855	3,855	25	2.1
K30 Dyspepsia	3,544	3,544	66	1.9
K62 Other diseases of anus and rectum	3,280	3,280	38	1.8
K92 Other diseases of digestive system	3,274	3,274	19	1.8
R19 Other symptoms & signs involving the digest system & abdomen	3,197	3,197	68	1.7
Z31 Procreative management	3,137	3,137	0	1.7
I25 Chronic ischaemic heart disease	2,955	2,955	1,470	1.6
K02 Dental caries	2,887	2,887	1	1.6
H02 Other disorders of eyelid	2,885	2,885	0	1.6
D22 Melanocytic naevi	2,838	2,838	0	1.5
Other	98,659	95,930	1,131	53.3
Not reported	172	172	65	0.1
<b>Total</b>	<b>332,448</b>	<b>329,718</b>	<b>9,780</b>	<b>179.8</b>

(a) Excludes separations from private free-standing day hospitals in Tasmania.

Table 8.9: Selected separation statistics, by principal diagnosis in ICD-10-AM groupings, public psychiatric hospitals, Australia, 2000-01

Principal diagnosis	Separations	Same day separations	Public patient separations	Separations per 10,000 population	Patient days	Patient days per 10,000 population	ALOS (days)	ALOS (days) excluding same day
A00-B99	4	0	4	<0.1	342	0.2	85.5	85.5
C00-D48	0	0	0	<0.1	0	<0.1	0	0
D50-D89	0	0	0	<0.1	0	<0.1	0	0
E00-E90	1	0	1	<0.1	12	<0.1	12.0	12.0
F00-F03	306	3	292	0.2	45,506	23.6	148.7	150.2
F04-F09	204	9	201	0.1	17,393	9.0	85.3	89.1
F10	800	84	794	0.4	34,615	18.0	43.3	48.2
F11-F19	1,394	61	1,380	0.7	11,105	5.8	8.0	8.3
F20	3,472	78	3,252	1.8	313,402	162.6	90.3	92.3
F21-F29	1,722	133	1,698	0.9	50,591	26.2	29.4	31.5
F30	132	3	130	0.1	3,126	1.6	23.7	24.2
F31	1,486	89	1,418	0.8	41,902	21.7	28.2	29.9
F32-F33	1,909	592	1,876	1.0	28,964	15.0	15.2	21.5
F34-F39	244	43	242	0.1	2,497	1.3	10.2	12.2
F40-F48	2,070	313	2,030	1.1	13,739	7.1	6.6	7.6
F50	23	0	23	<0.1	569	0.3	24.7	24.7
F51-F59	22	1	22	<0.1	347	0.2	15.8	16.5
F60-F69	951	51	929	0.5	11,103	5.8	11.7	12.3
F70-F79	87	4	87	<0.1	9,260	4.8	106.4	111.5
F80-F89	130	101	129	0.1	973	0.5	7.5	30.1
F90-F98	1,142	1,019	1,141	0.6	2,173	1.1	1.9	9.4
F99	3	2	3	<0.1	5	<0.1	1.7	3.0
G00-G99	151	0	142	0.1	20,591	10.7	136.4	136.4
H00-H95	0	0	0	<0.1	0	<0.1	0	0
I00-I99	4	0	4	<0.1	282	0.1	70.5	70.5
J00-J99	1	0	1	<0.1	0	<0.1	0	0
M00-M99	1	0	1	<0.1	19	<0.1	19.0	19.0
N00-N99	1	0	1	<0.1	35	<0.1	35.0	35.0
O00-O99	3	1	3	<0.1	6	<0.1	2.0	2.5
P00-P96	1	0	1	<0.1	304	0.2	304.0	304.0
Q00-Q99	2	0	2	<0.1	3,072	1.6	1,536.0	1,536.0
R00-R99	22	8	22	<0.1	1,039	0.5	47.2	73.6
S00-T98	2	0	2	<0.1	8	<0.1	4.0	4.0
Z03.2, Z81, Z86.5	1	0	1	<0.1	1	<0.1	1.0	1.0
Z00-Z99(a)	1,366	561	1,364	0.7	63,494	32.9	46.5	76.2
Not reported	476	30	447	0.2	49,603	25.7	104.2	111.2
<b>Total</b>	<b>18,132</b>	<b>3,186</b>	<b>17,637</b>	<b>9.4</b>	<b>726,076</b>	<b>376.7</b>	<b>40.0</b>	<b>48.4</b>

Note: Abbreviations: dis.—diseases, behav.—behavioural.

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

Table 8.10: Separations for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z49 Care involving dialysis	136,457	155,679	74,087	51,736	35,269	9,997	11,979	18,949	494,153
Z51 Other medical care	10,986	41,330	28,406	16,318	17,415	970	5,278	818	121,521
Z50 Care involving use of rehabilitation procedure	21,816	19,052	19,882	3,740	3,276	676	482	342	69,286
I20 Angina pectoris	22,464	16,136	11,275	5,403	4,905	1,380	1,054	478	63,095
R10 Abdominal and pelvic pain	18,854	16,695	9,460	4,891	4,075	933	603	478	55,859
R07 Pain in throat and chest	18,606	13,982	9,689	3,644	4,763	573	487	605	52,349
J18 Pneumonia organism unspecified	15,549	10,557	6,201	3,281	3,686	661	541	1,256	41,732
J44 Other chronic obstructive pulmonary disease	15,658	9,729	6,604	3,083	3,301	790	345	492	40,002
O70 Perineal laceration during delivery	15,346	7,675	6,856	2,984	3,076	604	537	499	37,577
K80 Cholelithiasis	12,154	8,993	6,230	2,857	3,101	743	623	263	34,984
J45 Asthma	12,445	9,057	5,838	3,376	1,914	442	464	459	33,995
I50 Heart failure	11,931	8,374	5,024	2,616	2,851	556	316	292	31,980
I26 Other cataract	10,642	9,394	4,416	2,962	3,107	115	247	360	31,243
I21 Acute myocardial infarction	11,150	7,576	5,260	2,274	2,657	702	392	222	30,233
O80 Single spontaneous delivery	10,643	5,029	7,253	2,098	1,909	398	512	622	28,464
S52 Fracture of forearm	10,093	5,827	5,107	2,163	1,807	418	530	449	26,394
K21 Gastro-oesophageal reflux disease	7,234	5,767	4,227	3,500	3,625	423	586	206	25,568
N39 Other disorders of urinary system	8,974	6,285	4,518	2,545	1,933	483	284	216	25,248
F32 Depressive episode	6,881	6,062	3,894	3,690	2,406	736	248	122	24,039
C44 Other malignant neoplasms of skin	6,204	4,855	6,474	2,147	3,472	431	326	109	24,019
L03 Cellulitis	8,574	5,710	4,730	2,214	1,623	312	243	515	23,921
I48 Atrial fibrillation and flutter	8,833	5,470	3,805	2,028	1,731	576	428	142	23,013
F20 Schizophrenia	6,240	6,066	5,138	2,021	1,969	752	219	173	22,578
K29 Gastritis and duodenitis	8,250	4,886	4,233	2,553	1,491	169	268	317	22,157
E11 Type 2 diabetes mellitus	5,307	7,253	2,974	2,338	2,672	523	370	543	21,980
K40 inguinal hernia	6,755	5,337	3,537	1,722	2,002	328	312	138	20,131
K52 Other noninfective gastroenteritis & colitis	6,546	5,346	3,844	1,840	1,633	267	169	114	19,759
S72 Fracture of femur	7,641	4,768	3,152	1,664	1,575	392	318	138	19,548
T81 Complications of procedures, not elsewhere classified	6,250	4,855	3,741	2,019	1,528	496	246	210	19,345
M54 Dorsalgia	6,238	4,902	2,853	2,143	1,755	515	120	95	18,611
Other	775,516	605,907	419,939	216,795	230,532	45,633	32,771	29,227	2,356,320
Not reported	8,207	81	0	0	0	11	0	134	8,433
<b>Total</b>	<b>1,238,444</b>	<b>1,028,636</b>	<b>688,647</b>	<b>362,645</b>	<b>357,059</b>	<b>71,895</b>	<b>61,302</b>	<b>58,973</b>	<b>3,867,607</b>

Table 8.11: Separations for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	22,652	31,617	35,169	11,206	11,461	n.p.	n.p.	n.a.	115,655
Z49 Care involving dialysis	15,608	17,975	26,635	13,291	11,423	n.p.	n.p.	n.a.	84,943
H26 Other cataract	22,993	11,703	10,644	6,048	3,255	n.p.	n.p.	n.a.	57,689
K01 Embedded and impacted teeth	11,674	11,894	8,634	5,956	3,260	n.p.	n.p.	n.a.	43,001
K21 Gastro-oesophageal reflux disease	11,753	8,811	12,808	4,089	3,904	1,124	93	n.a.	42,552
Z50 Care involving use of rehabilitation procedures	16,074	8,909	13,911	1,364	1,185	n.p.	n.p.	n.a.	41,657
C44 Other malignant neoplasms of skin	11,947	8,018	11,644	3,346	4,738	n.p.	n.p.	n.a.	41,559
M23 Internal derangement of knee	11,921	9,729	5,640	4,970	3,772	939	589	n.a.	37,560
R10 Abdominal and pelvic pain	7,597	11,560	9,509	4,210	2,078	1,002	136	n.a.	36,092
K29 Gastritis and duodenitis	11,010	9,417	6,632	2,404	1,492	497	48	n.a.	31,500
H25 Senile cataract	7,996	6,647	9,336	1,116	2,763	n.p.	n.p.	n.a.	28,677
K57 Diverticular disease of intestine	7,826	7,105	8,661	2,057	1,771	676	85	n.a.	28,181
I20 Angina pectoris	6,409	7,783	5,587	2,919	1,592	n.p.	n.p.	n.a.	25,361
D12 Benign neoplasm colon, rectum, anus and anal canal	8,786	4,836	6,300	2,723	1,610	420	47	n.a.	24,722
M17 Gonarthrosis (arthrosis of knee)	8,100	5,292	3,630	2,720	2,530	n.p.	n.p.	n.a.	23,211
I84 Haemorrhoids	8,541	5,045	4,553	2,443	1,518	566	142	n.a.	22,807
K40 Inguinal hernia	7,423	5,221	4,736	2,378	1,699	647	434	n.a.	22,536
G47 Sleep disorders	7,787	6,161	4,408	1,509	1,630	n.p.	n.p.	n.a.	22,324
Z80 Family history of malignant neoplasm	8,057	4,635	3,998	2,192	1,110	n.p.	n.p.	n.a.	20,521
O04 Medical abortion	10,945	4,817	353	2,912	267	n.p.	n.p.	n.a.	19,528
M54 Dorsalgia	4,405	4,691	2,918	3,346	1,981	1,473	39	n.a.	19,453
F32 Depressive episode	4,390	5,474	5,244	2,930	449	n.p.	n.p.	n.a.	19,237
K80 Cholelithiasis	5,528	4,140	4,319	2,279	1,657	629	378	n.a.	18,930
K63 Other diseases of intestine	6,074	4,161	4,527	1,422	1,109	265	28	n.a.	17,586
Z08 Follow-up examination after treatment for malignant neoplasms	6,392	4,274	3,574	1,327	1,076	529	136	n.a.	17,308
N97 Female infertility	6,479	3,791	3,561	1,575	956	n.p.	n.p.	n.a.	16,662
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	6,340	3,210	3,482	1,598	931	n.p.	n.p.	n.a.	15,961
I25 Chronic ischaemic heart disease	6,735	2,628	3,687	821	1,268	n.p.	n.p.	n.a.	15,731
R07 Pain in throat and chest	2,933	4,831	3,737	1,945	1,686	470	77	n.a.	15,679
K92 Other diseases of digestive system	4,003	4,419	3,830	1,643	1,099	419	42	n.a.	15,455
Other	361,374	351,131	294,646	150,790	109,335	44,214	16,133	n.a.	1,327,623
Not reported	10	495	0	0	0	333	0	n.a.	838
<b>Total</b>	<b>639,762</b>	<b>580,420</b>	<b>526,313</b>	<b>250,129</b>	<b>184,305</b>	<b>65,256</b>	<b>24,606</b>	<b>n.a.</b>	<b>2,270,791</b>

n.a. not available.

n.p. not published.

Table 8.12: Average length of stay (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, public hospitals, States and Territories, 2000-01

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	1.7	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1
Z50 Care involving use of rehabilitation procedure	17.0	17.8	6.4	26.8	31.4	25.9	19.6	9.5	15.4
I20 Angina pectoris	4.0	3.8	3.4	3.5	3.4	4.1	3.3	3.7	3.7
R10 Abdominal and pelvic pain	1.9	1.6	1.7	1.9	1.9	2.0	1.8	2.1	1.8
R07 Pain in throat and chest	1.9	1.5	1.8	1.6	1.8	1.9	1.7	2.2	1.8
J18 Pneumonia organism unspecified	6.6	6.3	5.1	5.5	6.4	6.8	5.3	5.0	6.1
J44 Other chronic obstructive pulmonary disease	7.2	7.0	6.7	7.6	6.7	9.3	7.6	7.1	7.1
O70 Perineal laceration during delivery	3.2	3.0	2.9	3.3	3.2	3.9	2.6	3.9	3.1
K80 Cholelithiasis	3.4	3.1	2.7	3.3	2.8	3.2	2.8	4.1	3.1
J45 Asthma	2.3	2.2	2.2	2.4	2.5	2.6	2.5	2.7	2.3
I50 Heart failure	9.3	7.4	7.1	7.8	7.4	9.2	9.1	5.7	7.7
H26 Other cataract	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1
I21 Acute myocardial infarction	6.3	6.1	5.8	5.7	6.8	6.0	5.8	6.7	6.2
O80 Single spontaneous delivery	2.5	2.5	2.2	2.8	2.5	3.8	2.3	2.9	2.5
S62 Fracture of forearm	1.9	2.0	1.7	2.3	2.3	2.1	1.8	3.6	2.0
K21 Gastro-oesophageal reflux disease	1.6	1.4	1.5	1.4	1.5	2.0	1.2	1.4	1.5
N39 Other disorders of urinary system	4.9	4.8	4.5	4.8	5.1	4.1	4.4	4.8	4.8
F32 Depressive episode	8.1	8.3	8.0	6.2	9.6	5.7	12.4	6.4	8.0
C44 Other malignant neoplasms of skin	2.6	2.1	1.6	1.9	1.8	1.8	1.6	2.1	2.0
L03 Cellulitis	5.6	6.2	4.7	4.7	5.4	5.7	5.5	4.5	5.5
I48 Atrial fibrillation and flutter	3.3	3.2	3.0	2.6	3.1	2.9	2.2	3.1	3.1
F20 Schizophrenia	46.1	18.4	22.8	24.8	15.4	21.2	15.1	10.5	27.4
K29 Gastritis and duodenitis	1.7	1.5	1.5	1.5	1.5	2.0	1.7	1.8	1.6
E11 Type 2 diabetes mellitus	8.0	6.6	8.0	6.3	5.2	6.4	6.7	7.0	6.9
K40 Inguinal hernia	1.8	1.6	1.4	1.6	1.8	1.8	1.5	1.8	1.7
K52 Other noninfective gastroenteritis & colitis	2.6	2.6	2.2	2.5	2.5	3.0	2.4	2.8	2.5
S72 Fracture of femur	10.6	12.9	10.0	9.9	11.1	12.8	16.0	15.1	11.2
T81 Complications of procedures, not elsewhere classified	5.8	6.2	4.9	5.1	5.7	5.5	6.6	5.7	5.6
M54 Dorsalgia	3.4	2.9	3.2	2.8	3.2	2.9	4.2	4.1	3.1
Other	4.7	4.0	3.8	4.2	4.5	5.9	4.4	4.4	4.3
<b>Total<sup>(a)</sup></b>	<b>4.6</b>	<b>3.8</b>	<b>3.5</b>	<b>3.8</b>	<b>4.2</b>	<b>5.3</b>	<b>3.5</b>	<b>3.3</b>	<b>4.1</b>

(a) For all separations.

Table 8.13: Average length of stay (days) for the 30 principal diagnoses in 3-character ICD-10-AM groupings with the highest number of separations, private hospitals, States and Territories, 2000-01

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Z51 Other medical care	1.1	1.0	1.0	1.0	1.1	n.p	n.p	n.a	1.0
Z49 Care involving dialysis	1.0	1.0	1.0	1.0	1.0	n.p	n.p	n.a	1.0
H26 Other cataract	1.0	1.0	1.0	1.1	1.0	n.p	n.p	n.a	1.0
K01 Embedded and impacted teeth	1.0	1.0	1.0	1.0	1.0	n.p	n.p	n.a	1.0
K21 Gastro-oesophageal reflux disease	1.1	1.3	1.2	1.2	1.2	1.1	2.4	n.a	1.2
Z50 Care involving use of rehabilitation procedures	9.1	16.4	4.6	21.9	17.4	n.p	n.p	n.a	9.9
C44 Other malignant neoplasms of skin	1.6	1.6	1.4	1.7	1.3	n.p	n.p	n.a	1.5
M23 Internal derangement of knee	1.1	1.2	1.1	1.2	1.2	1.2	1.1	n.a	1.2
R10 Abdominal and pelvic pain	1.5	1.5	1.6	1.6	1.9	2.0	3.2	n.a	1.6
K29 Gastritis and duodenitis	1.1	1.1	1.2	1.2	1.2	1.2	3.8	n.a	1.1
H25 Senile cataract	1.0	1.0	1.0	1.1	1.0	n.p	n.p	n.a	1.0
K57 Diverticular disease of intestine	1.6	1.8	1.8	2.4	2.1	2.1	4.6	n.a	1.8
I20 Angina pectoris	4.6	4.2	4.7	3.1	4.4	n.p	n.p	n.a	4.3
D12 Benign neoplasm of colon, rectum, anus and anal canal	1.2	1.4	1.2	1.3	1.5	1.2	3.6	n.a	1.3
M17 Gonarthrosis (arthrosis of knee)	5.3	5.2	6.2	6.4	4.6	n.p	n.p	n.a	5.5
I84 Haemorrhoids	1.2	1.4	1.4	1.6	1.6	1.4	2.0	n.a	1.4
K40 Inguinal hernia	1.9	1.9	1.6	1.8	2.1	2.0	1.5	n.a	1.8
G47 Sleep disorders	1.1	1.5	1.1	1.6	1.1	n.p	n.p	n.a	1.2
Z80 Family history of malignant neoplasm	1.0	1.0	1.0	1.0	1.0	n.p	n.p	n.a	1.0
O04 Medical abortion	1.0	1.0	1.1	1.0	1.1	n.p	n.p	n.a	1.0
M54 Dorsalgia	3.0	3.9	4.0	2.3	2.7	2.4	7.3	n.a	3.2
F32 Depressive episode	7.8	5.1	7.1	4.4	14.7	n.p	n.p	n.a	6.4
K80 Cholelithiasis	2.8	3.2	2.9	3.0	3.1	3.2	2.7	n.a	3.0
K53 Other diseases of intestine	1.1	1.2	1.2	1.2	1.4	1.5	1.8	n.a	1.2
Z08 Follow-up examination after treatment for malignant neoplasms	1.0	1.0	1.1	1.0	1.0	1.0	1.0	n.a	1.0
N97 Female infertility	1.0	1.0	1.0	1.1	1.0	n.p	n.p	n.a	1.0
Z09 Follow-up examination after treatment for conditions other than malignant neoplasms	1.0	1.0	1.0	1.1	1.0	n.p	n.p	n.a	1.0
I25 Chronic ischaemic heart disease	2.5	3.5	3.8	1.8	4.8	n.p	n.p	n.a	3.1
R07 Pain in throat and chest	1.8	1.9	2.1	1.7	1.9	2.2	1.6	n.a	1.9
K92 Other diseases of digestive system	1.4	1.6	1.6	1.4	1.8	2.0	2.9	n.a	1.5
Other	3.4	3.6	4.0	3.6	4.1	3.9	4.0	n.a	3.7
<b>Total<sup>(a)</sup></b>	<b>2.8</b>	<b>3.0</b>	<b>3.0</b>	<b>2.9</b>	<b>3.2</b>	<b>3.3</b>	<b>3.3</b>	<b>n.a</b>	<b>3.0</b>

(a) For all separations.

n.a. not available.

n.p. not published.

Table 8.14: Separations 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, 2000-01

Principal diagnosis	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total <sup>(a)</sup>
Z49 Care involving dialysis	6	260	647	6,979	23,822	39,106	54,427	61,528	88,889	56,818	1,720	334,152
Z51 Other medical care	91	1,369	1,918	2,104	3,415	6,642	16,341	30,445	34,407	16,252	1,273	114,257
I20 Angina pectoris	1	0	2	8	240	2,413	8,601	13,699	16,234	11,567	2,348	55,113
Z50 Care involving use of rehabilitation procedures	7	23	130	2,301	3,393	4,190	6,028	7,413	10,423	12,608	4,525	51,041
C44 Other malignant neoplasms of skin	2	3	10	56	495	1,723	4,597	6,929	9,971	11,874	3,394	39,054
K40 Inguinal hernia	1,613	1,425	1,135	1,802	2,920	4,375	6,519	7,028	6,675	4,379	819	38,690
H26 Other cataract	8	29	67	61	154	495	1,684	4,158	10,531	15,566	3,438	36,191
R07 Pain in throat and chest	1	8	125	610	2,175	5,588	8,417	7,649	5,967	3,792	777	35,109
K21 Gastro-oesophageal reflux disease	853	314	419	1,371	3,805	5,911	7,461	6,283	4,629	2,479	372	33,897
M23 Internal derangement of knee	1	2	274	4,678	6,717	7,068	6,401	4,287	2,096	689	59	32,272
R10 Abdominal and pelvic pain	172	437	2,453	2,879	4,115	4,917	5,008	4,191	3,485	2,437	558	30,653
J44 Other chronic obstructive pulmonary disease	7	66	121	41	47	231	1,254	4,148	9,547	10,510	2,511	28,483
J18 Pneumonia organism unspecified	851	3,094	1,381	803	1,197	1,607	1,829	2,577	4,578	6,156	3,114	27,187
I21 Acute myocardial infarction	2	0	1	32	222	1,609	4,332	5,515	6,045	5,113	1,624	24,495
K29 Gastritis and duodenitis	44	144	269	1,101	2,351	3,672	4,440	4,409	4,235	2,697	423	23,785
G47 Sleep disorders	3,124	1,611	778	287	1,248	3,198	5,311	4,368	2,421	1,183	62	23,592
I25 Chronic ischaemic heart disease	0	0	5	6	75	879	3,657	6,530	7,052	5,738	345	22,287
Z06 Follow-up examination after treatment for malignant neoplasms	3	74	35	69	204	649	1,903	4,319	7,496	6,015	975	21,742
N40 Hyperplasia of prostate	19	8	15	37	111	317	793	2,133	5,097	7,923	3,719	20,172
I50 Heart failure	0	0	1	1	32	182	1,318	4,794	7,931	5,932	1,190	21,381
K01 Embedded and impacted teeth	0	18	1,388	11,030	4,531	1,483	561	247	124	52	6	19,440
D12 Benign neoplasm colon, rectum, anus and anal canal	0	10	8	391	2,031	4,259	5,391	3,801	2,248	995	145	19,279
I84 Haemorrhoids	1	0	1	13	281	1,316	3,227	4,421	5,143	3,950	610	18,963
K57 Diverticular disease of intestine	1	12	53	331	1,519	3,235	5,088	4,194	2,794	1,048	96	18,369
N20 Calculus of kidney and ureter	1	0	8	145	554	1,119	2,330	3,881	5,319	4,052	849	18,258
I48 Atrial fibrillation and flutter	592	6,888	4,893	1,518	1,076	812	769	644	506	367	88	18,153
J45 Asthma	0	0	7	153	609	1,573	2,812	3,936	4,786	3,073	294	17,245
M17 Gonarthrosis (arthrosis of knee)	0	4	6	53	242	721	1,993	3,444	5,343	4,455	891	17,153
E11 Type 2 diabetes mellitus	0	1	339	2,038	2,611	3,766	3,201	1,910	1,177	1,702	344	17,089
F32 Depressive episode	72,884	88,440	112,669	137,715	160,584	181,769	200,976	203,460	226,133	200,377	58,486	1,643,493
Other	69	46	66	342	641	562	668	857	1,047	375	153	4,826
Not reported												
<b>Total</b>	<b>80,353</b>	<b>104,287</b>	<b>129,245</b>	<b>179,021</b>	<b>231,669</b>	<b>296,532</b>	<b>380,708</b>	<b>428,515</b>	<b>507,951</b>	<b>411,394</b>	<b>95,539</b>	<b>2,845,216</b>

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

Table 8.15: Separations 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, 2000-01

Principal diagnosis	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total <sup>(a)</sup>
Z49 Care involving dialysis	0	0	299	4,380	14,905	26,625	37,209	50,809	72,380	96,830	1,507	244,944
Z51 Other medical care	140	1,084	1,706	1,507	4,024	13,662	29,116	30,551	27,245	12,641	1,233	122,919
R10 Abdominal and pelvic pain	117	292	2,948	9,364	10,947	10,659	9,795	7,007	5,312	3,700	1,185	61,326
Z50 Care involving use of rehabilitation procedures	6	12	70	1,100	2,532	3,475	5,067	5,892	11,378	19,331	11,018	59,881
H26 Other cataract	6	23	46	43	94	339	1,434	4,579	15,186	24,370	6,799	52,919
O70 Perineal laceration during delivery	0	0	25	10,151	32,575	7,979	30	0	0	0	0	50,760
K80 Cholelithiasis	1	6	96	2,897	6,498	6,614	7,119	6,035	4,689	3,176	1,101	38,232
O04 Medical abortion	0	0	126	15,115	14,347	6,208	145	0	0	0	0	35,941
C80 Single spontaneous delivery	0	0	12	9,563	21,136	4,475	23	0	0	0	0	35,209
K21 Gastro-oesophageal reflux disease	683	225	361	1,032	2,434	4,768	7,879	7,485	5,523	3,221	642	34,253
I20 Angina pectoris	0	0	0	7	88	862	3,279	5,645	9,475	10,109	3,878	33,343
R07 Pain in throat and chest	1	10	107	678	1,601	3,672	7,057	7,041	6,212	4,857	1,862	32,918
K01 Embedded and impacted teeth	1	13	2,128	19,170	6,572	1,809	669	221	121	39	13	30,756
K29 Gastritis and duodenitis	29	134	277	1,384	2,549	4,205	6,044	5,676	5,164	3,592	816	29,870
N39 Other disorders of urinary system	834	981	825	1,247	1,404	2,392	3,771	3,493	3,791	4,929	3,580	27,247
C44 Other malignant neoplasms of skin	1	4	17	86	522	1,879	3,692	4,238	5,561	7,079	3,484	26,563
F32 Depressive episode	0	0	341	3,586	4,963	5,363	5,127	2,387	1,839	2,042	539	26,187
K57 Diverticular disease of intestine	0	0	2	16	122	361	3,610	5,857	7,225	5,783	1,568	25,144
J18 Pneumonia organism unspecified	597	2,519	1,141	724	1,213	1,486	1,600	2,236	3,284	5,005	4,075	23,890
N92 Excessive, frequent and irregular menstruation	0	0	20	742	3,589	10,075	8,245	304	7	2	0	22,984
O47 False labour	0	0	29	718	11,572	2,448	17	0	0	0	0	21,252
N97 Female infertility	0	0	0	688	10,682	9,618	309	3	0	0	0	21,200
M54 Dorsalgia	1	16	102	706	1,883	3,571	4,392	3,273	2,936	3,007	1,144	21,031
I50 Heart failure	20	11	12	25	72	170	436	1,131	3,467	8,209	7,217	20,770
J44 Other chronic obstructive pulmonary disease	2	44	125	60	66	287	1,250	3,462	6,625	6,768	2,019	20,706
H25 Senile cataract	1	1	1	2	11	74	438	1,528	6,374	9,490	2,483	20,403
C50 Malignant neoplasm of breast	0	0	0	26	435	2,570	5,590	5,108	3,803	2,277	573	20,382
O99 Other maternal disease classifiable elsewhere but complicating pregnancy, childbirth & the puerperium	0	0	12	6,251	11,080	2,422	24	0	0	0	0	19,789
J45 Asthma	221	3,686	3,199	2,377	2,005	1,872	1,861	1,519	1,245	1,007	366	19,358
K52 Oth noninfective gastroenteritis & colitis	76	136	128	2,022	2,878	2,388	2,455	2,523	2,508	2,521	1,172	18,805
Other	55,400	62,435	80,814	186,589	355,118	285,301	255,831	221,563	230,473	231,218	104,956	2,069,699
Not reported	68	47	48	256	634	447	620	555	982	592	198	4,427
<b>Total</b>	<b>58,205</b>	<b>71,689</b>	<b>95,017</b>	<b>288,980</b>	<b>528,449</b>	<b>428,676</b>	<b>414,134</b>	<b>390,121</b>	<b>442,795</b>	<b>411,795</b>	<b>163,248</b>	<b>3,293,110</b>

(a) includes separations for which age was not reported.