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Australian hospital statistics 1995–96

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Foreword

Australian Hospital Statistics 1995–96 marks a decade of national hospital statistics reports published by the Institute. The first of these reports, for 1985–86, provided the foundation for major national efforts to improve Australian statistics on hospitals and their patients. This report in turn reflects these efforts, as it is based on agreed national definitions, and a much expanded scope for the patient-level (hospital morbidity) data compared with a decade ago.

This report also reflects the more recent efforts of the National Health Information Management Group, the providers of the data and the Institute to improve the timeliness of national hospital statistics. For this, the Institute thanks the health authorities of the States and Territories and the Department of Veterans' Affairs for supply of the data and assistance in the preparation of this report within a year of the data collection period.

The presentation of the patient-level data in this report also marks a first for Australia. This is the first publication in which national patient-level data have been presented according to the reported principal diagnosis and principal procedure (using the ICD-9-CM classification) and also using the Australian National Diagnosis Related Group classification. Until now, national hospital morbidity statistics have only been published using one or the other of these classifications—in previous Australian hospital statistics reports of the Institute and the Department of Health and Family Services' *Australian Casemix Report on Hospital Activity*, respectively.

I want to pay special tribute to the staff of the Institute, especially those acknowledged by name, but also the many others who have contributed to the major step forward that this report represents. We are committed to improving community discussion and decision making by providing authoritative and timely information.

We hope that this report will be useful for a wide range of members of the Australian community. Its style and content is much changed compared with previous Institute hospital statistics reports. We would therefore welcome comments and suggestions for future reports in the series.

Richard Madden
Director
June 1997

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The project was managed by Jenny Hargreaves and Mark Cooper-Stanbury.

Abbreviations

ABS	Australian Bureau of Statistics
AGPS	Australian Government Publishing Service
AHMAC	Australian Health Ministers' Advisory Council
AIHW	Australian Institute of Health and Welfare
ALOS	Average length of stay
AN-DRG	Australian National Diagnosis Related Group
CC	Complications and comorbidities
Conn	Connective
Def	Deficiency
diag	Diagnosis
dis	Diseases
DHSH	Department of Human Services and Health
DRG	Diagnosis related group
dsr	Disorder
DVA	Department of Veterans' Affairs
ECMO	Extracorporeal membrane oxygenation
ICD-9-CM	International Classification of Diseases, 9th Revision, Clinical Modification
IFRAC	Inpatient (admitted patient) fraction
Mal	Malignant
MDC	Major Diagnostic Category
n.a.	Not available
nec	Not elsewhere classified
OECD	Organisation for Economic Cooperation and Development
op	Operation
proc(s)	Procedure(s)
re	Related to
sub	Subcutaneous
W	With
W/O	Without

1. Introduction

Background

Over the last decade, governments and other hospital funders have taken an increasing interest in the monitoring and planning of hospital service provision in Australia and, specifically, in containing the costs of hospitals, measuring their outputs and ensuring their services are efficient, appropriate and of high quality (Palmer & Short 1994). As a result, statistics on Australian hospitals and their patients have had an increasingly important role to play at the Commonwealth and State and Territory level, and within the private sector. The role of the Commonwealth in funding hospital services through the Medicare agreements has, in particular, driven a need for better hospital statistics at the national level.

Before the mid-1980s, hospital statistics were not regularly compiled on a national basis. There had been few efforts to ensure that definitions and terms used in the States and Territories were consistent, and attempts at comparing the performance of the public hospital sectors of the States and Territories had been difficult.

In 1985, however, the Australian Health Ministers' Advisory Council (AHMAC) requested that the (then) Australian Institute of Health (now the Australian Institute of Health and Welfare) conduct a national study on hospital utilisation and costs. The hospital statistics report that resulted, the *Hospital Utilisation and Costs Study*, was based on 1985–86 data and released by the Institute in 1988 (Harvey & Mathers 1988; Mathers & Harvey 1988). It was the first comprehensive analysis of available information on the provision of public hospital, private hospital, nursing home and hostel services in Australia.

In addition to presenting analysis of the available data, the report drew attention to the need for better and more comparable statistics to be collected on Australian hospital services. It identified gaps and deficiencies in national hospital statistics which were able to inform the Taskforce on National Hospital Statistics, established by AHMAC to review data collections and to make recommendations on the development of a national statistics system covering health and health related institutions. The Taskforce's efforts led the Institute, in collaboration with the Commonwealth, State and Territory health authorities, to develop a National Minimum Data Set for Institutional Health Care. This Data Set, endorsed by AHMAC in 1990, specified the information to be collected on hospital resources and activities, and agreed national definitions for each data item. This process marked a major advance in hospital statistics, with agreement achieved for the definitions of essential terms including inpatients (now referred to as admitted patients), outpatients (now termed non-admitted patients), available beds and hospitals.

Further development of the definitions for hospital data items has continued since then, under the auspices of the National Minimum Data Set Review Committee and then the National Health Information Agreement, through the National Health Data Committee. In particular, patient-level (morbidity) data items have been progressively reviewed and developed in connection with the Casemix Development Program of the (now) Commonwealth Department of Health and Family Services. This program has, for example, sponsored improved coding and collection of data on diagnoses and procedures enabling morbidity records to be used to measure the output of hospitals, using the Australian National Diagnosis Related Group (AN-DRG) classification.

The developments in data definitions and the improvements in data quality that have accompanied their implementation in hospitals throughout Australia have contributed greatly to the national hospital data collections and reports that AHMAC has requested of the

Institute since the 1985–86 report. The reports have become based on the National Minimum Data Set and, since 1991–92, have used its standard definitions, as published in the *National Health Data Dictionary* (Australian Institute of Health and Welfare 1996a).

Also reflected as an improvement in the Institute's national hospital statistics reports has been the increasing coverage of the morbidity data collection. Public acute hospital coverage did not initially include Tasmanian hospitals, but they have been included since 1989–90. Private hospital data were also not incorporated in the first report; overnight stay private hospitals were included for some States from 1987–88, and private free-standing day hospital facilities have been progressively included in more recent reports. Since the 1993–94 data collection, all private hospital data have been included, with the exceptions only of some Victorian separations in 1993–94 and 1994–95, the private hospital in the Northern Territory and the free-standing day hospital facilities in the Australian Capital Territory.

For 1995–96, a further expansion of the scope has occurred, with morbidity data for public psychiatric hospitals included for all but Queensland. This has enabled the scope of morbidity data collection for the public sector to correspond more closely with that for the establishment-based data collection, which has collected resource and activity data on both public acute and psychiatric hospitals throughout the period of the reports.

This report

This report continues the Hospital Utilisation and Costs Study reports of the Institute and follows the most recent in this series, *Australian Hospital Statistics 1993–95: An Overview* (Australian Institute of Health and Welfare 1997a). The collection and reporting of the data were undertaken by the Institute under the auspices of the National Health Information Agreement as part of the National Health Information Work Program.

The data were supplied to the Institute by the State and Territory health authorities, and by the Department of Veterans' Affairs for the hospital it operates in New South Wales. Most of the data collected was as specified in the National Minimum Data Set for Institutional Health Care and data item definitions were as specified for 1995–96 in the *National Health Data Dictionary* (summarised in the Glossary).

Data were supplied in two parts, one at establishment level and the other at patient level. The establishment- (hospital-) level data were compiled into the National Public Hospital Establishments Database at the Institute. Chapter 2 of this report includes further details of this Database and summary statistics providing an overview of the resources, services and other characteristics of Australian public hospitals.

The patient-level (hospital morbidity) data were collated to form the National Hospital Morbidity Database at the Institute and are the basis of chapters 3 to 9 of this report. Most of these chapters incorporate the data supplied for each admitted patient separation on the State or Territory of the hospital, whether it was a public or private hospital, whether the patient was public or private and the patient's length of stay in hospital.

Specifically, chapter 3 includes further details of the Database and an overview of the separation, patient day and length of stay statistics for 1995–96 and previous years. The data on the patient's sex, age group and Indigenous status are summarised in chapter 4. The principal diagnosis and principal procedure (coded using the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) (National Coding Centre 1995) reported for each separation are summarised in chapters 5 and 6, respectively. Chapter 7 is a summary of the data on reported external causes and places of occurrence (coded to ICD-9-CM) and chapter 8 presents summary statistics based on the AN-DRG (version 3.0) and Major Diagnostic Category as reported by the data providers, or derived by the Institute. Chapter 9 collates information reported on a number of other variables—mode of separation, insurance status, compensable status, type of episode of care and State or Territory of usual residence.

The accompanying diskette contains extended tables of separation, patient day and length of stay statistics for the 200 most frequently reported principal diagnoses and principal procedures and for all reported AN-DRGs.

Limitations of the data

Although the *National Health Data Dictionary* definitions form the basis of the two Databases, the actual definitions used may have varied among the data providers and from one year to another. In addition, fine details of the scope of the data collections may vary from one jurisdiction to another. Comparisons between the Databases, the States and Territories, reporting years and hospital sectors should therefore be made with caution, and with reference to the scopes of the collections detailed in chapters 2 and 3. In particular, the data from the National Hospital Morbidity Database should be interpreted taking into account the inclusion for the first time in 1995–96 of public psychiatric hospital data for all areas except Queensland.

The major variations from the *National Health Data Dictionary* definitions and from the scopes used by most data providers have been noted within this report. However, for further information on the use of data definitions, the detail of the scope of the data collection and the collection practices, readers should contact the Institute or the data providers.

Other deficiencies, including inconsistency between categorical data and totals, are evident in some tables. These remain even after validation procedures undertaken with providers, and indicate continuing problems with the quality of some data. Now that timing problems have been overcome, to meet joint commitments which the Institute and data providers have made in accordance with the National Health Information Agreement, the Institute will be able to give more attention to data quality in the design and implementation of the 1996–97 and future data collections

Notes on the tables

Data presented by State or Territory refer to the State or Territory of the hospital, not to the State or Territory of the usual residence of the patient. The exception is Table 9.2, in which the State or Territory of usual residence of the patient is reported against the State or Territory of hospitalisation.

References to public hospitals include the Department of Veterans' Affairs hospital in New South Wales.

Where totals are provided in the tables, they include data only for those States and Territories for which data were available, as indicated in the tables.

Population rates were derived using Australian Bureau of Statistics' total population estimates for 31 December 1995 and projections of the Indigenous population for 30 June 1995 (Appendix).

Symbols used in the tables are:

n.a. not available

.. not applicable.

Related publications

Australian Hospital Statistics, 1995–96 is complemented by several other national hospital statistics publications. Notably, establishment-level data on the resources and activities of private hospitals are compiled and published annually as *Private Hospitals Australia* (Australian Bureau of Statistics 1996a) and comprehensive reports based on the AN-DRG classification have been published as the *Australian Casemix Report on Hospital Activity* series (Department of Health and Family Services 1996). The *First National Report on Health Sector Performance Indicators* reported national hospital data against a range of indicators of hospital performance (National Health Ministers' Benchmarking Working Group 1996) while the *National Mental Health Report* provides details on hospital psychiatric services (Commonwealth of Australia 1996). Statistics on the hospital-based pharmaceutical, nursing and medical workforces are included in various issues of the Institute's *National Health Labour Force Bulletin* (Australian Institute of Health and Welfare 1996b, 1997b, 1997c).

2. Public hospitals in Australia

Introduction

The material in this chapter provides a national overview of public hospitals in Australia based on data extracted from the National Public Hospital Establishments Database. The tables present key aggregate data for each of the States and Territories for the 1995–96 financial year.

The National Public Hospital Establishments Database at the Institute includes data on all public hospitals operated by the State and Territory health authorities and the Department of Veterans' Affairs. These include acute hospitals, psychiatric hospitals, drug and alcohol hospitals and dental hospitals. The Database does not include information on private hospitals, and excludes some hospitals not within the jurisdiction of the State and Territory health authorities (such as those run by corrections authorities and those in off-shore Territories).

The State and Territory health authorities and the Department of Veterans' Affairs provided data in an electronic format from their administrative data collections. The variables for the collection mainly corresponded to the system- and establishment-level data items in the National Minimum Data Set for Institutional Health Care and are defined in the *National Health Data Dictionary*.

Extensive validation processes were undertaken, involving the data providers in each State and Territory, to ensure data quality. Nevertheless, the collection has some limitations. For example, some of the States and Territories were unable to supply data for all variables for all hospitals. This resulted in discrepancies between column sub-totals or totals and the sum of the categories in some tables. The figures in some tables for Tasmania appear low in comparison to previous years because of the transfer of one part of a major public hospital to the private sector in July 1995.

The *Total* column in each table in this Chapter contains row totals.

Overview and qualifications

Hospital resources

Tables 2.1 and 2.2 include information on hospital staff and available hospital resources. Data on hospital staff are presented as the average number of full time equivalent staff for the year 1995–96, and are reported in the categories of *Salaried medical officers*, *Nursing staff*, *Other personal care staff*, *Diagnostic and allied health professionals*, *Administrative and clerical staff* and *Domestic and other staff*.

Data on nursing staff for Victoria, Western Australia and Tasmania were only able to be provided as a total, not categorised by nurse type. In Queensland, many facilities were unable to provide a split between registered and enrolled nurses and the data presented for the categories are therefore estimates only. The *Domestic and other staff* and *Other personal care staff* categories overlap in Queensland because an employee may perform different functions on different days. The data reported for these two categories are therefore estimates only for this State.

Other hospital resources data presented are the number of hospitals, average available beds and specialised services offered in each State and Territory.

The data on specialised services for Queensland should be treated with caution as there were some inconsistencies in the interpretation of the definitions.

Hospital expenditure and revenue

Tables 2.3 and 2.4 include expenditure on salaries and wages, non-salary expenditure and revenue. Salaries and wages are categorised by staffing category. Non-salary expenditure included payments to visiting medical officers, expenditure for medical and surgical supplies, drug supplies and other expenditure on non-medical services such as for repairs and maintenance. Also included in Table 2.3 is the admitted patient cost proportion. Known as the inpatient fraction (IFRAC), this is an estimate of the costs associated with admitted patients, and is expressed as the ratio of admitted patient costs to total hospital costs. Values were provided at a hospital level, and an average for each State and Territory, weighted by total hospital expenditure, was calculated by the Institute. For Queensland, only estimates were provided for this item.

Expenditure of a capital nature is not provided consistently to the Institute by all providers and is therefore not presented here. Similarly, because depreciation is not treated uniformly by all States and Territories, data for this item were not requested. Where depreciation data were provided by States and Territories for this collection they were excluded from the tables. It is anticipated that as health authorities move to accrual accounting, depreciation will be uniformly treated and collected.

Revenue data are presented categorised as patient revenue, recoveries and other revenues. In the data provided by Queensland *Patient revenue* included revenue from items such as pharmacy and ambulance which could be considered *Recoveries*. Payments direct to Queensland Health such as contributions by the Workers' Compensation Board and the Department of Veterans' Affairs were not included.

Hospital services

Tables 2.5 and 2.6 include information on the total number of separations and patient days by type of admitted patient episode. Table 2.7 includes information on the total number of patient days by charging status, and the numbers of non-admitted patient occasions of service are shown in Table 2.8 by service type.

Unlike collections for previous years, separations and patient days data for psychiatric and drug and alcohol hospitals were not specifically requested by the Institute for the 1995–96 Database. Because of this, these data were not provided by Queensland.

Data for New South Wales should be treated with some caution because of data quality issues. The categories used by New South Wales to group non-admitted patient occasions of service differed from those in the *National Health Data Dictionary*; the Institute mapped these data to the reported categories in consultation with the data provider. In Queensland, occasions of service for *Community health services*, *District nursing services* and *Other outreach services* are thought to have been under-reported, and day program attendances were not included for psychiatric and drug and alcohol hospitals. The quality of non-admitted patient data for South Australia was not as high as that of other data. This was, in part, a result of incompatibility between categories requested by the Institute and the South Australian categories. In particular, the service classifications of *Dialysis*, *Pathology*, *Endoscopy and related procedures*, *Alcohol and drug*, *Pharmacy* and *Community health services* may have been included under *Other medical/surgical*. *District nursing services* may have been included under *Other outreach services*.

Table 2.1: Full time equivalent staff, public hospitals, States and Territories, average for year, 1995–96

Staffing category	NSW	Vic(a)	Qld	WA	SA	Tas	ACT	NT	Total
Salaried medical officers	4,604	3,343	2,260	1,090	1,378	303	242	141	13,361
Registered nurses	25,559	n.a.	11,280	n.a.	5,488	n.a.	1,194	654	n.a.
Enrolled nurses	4,142	n.a.	2,415	n.a.	1,546	n.a.	199	140	n.a.
Student nurses	0	n.a.	158	n.a.	0	n.a.	0	11	n.a.
Trainee/pupil nurses	691	n.a.	27	n.a.	99	n.a.	0	0	n.a.
<i>Total nurses</i>	<i>30,399</i>	<i>18,000</i>	<i>13,879</i>	<i>6,914</i>	<i>7,132</i>	<i>2,048</i>	<i>1,393</i>	<i>805</i>	<i>80,570</i>
Other personal care staff	3,219	0	1,079	280	220	60	25	18	4,901
Diagnostic and health professionals	10,148	6,073	3,254	1,958	1,903	430	439	94	24,299
Administrative and clerical staff	10,019	6,097	3,673	2,686	2,490	526	514	208	26,213
Domestic and other staff	12,427	7,629	6,388	3,977	2,738	1,180	389	431	35,159
Total staff	70,809	41,141	30,530	16,907	15,862	4,546	3,002	1,697	184,494

(a) Psychiatric hospital data are reported for 30 June 1996, rather than average for the year. *Other personal care staff* are included in *Domestic and other staff*.

Note Discrepancies between column sub-totals or totals and the sum of the categories are due to missing data.

Table 2.2: Number of hospitals, average available beds and specialised services, public hospitals, States and Territories, 1995–96

Resource	NSW	Vic(a)	Qld	WA	SA	Tas	ACT	NT	Total
Total hospitals	218	138	192	98	82	20	3	5	756
Average available beds for admitted patients	21,560	13,139	11,113	5,547	5,543	1,468	780	570	59,720
Specialised services(b)									
Obstetric/maternity service	116	82	71	41	n.a.	7	2	4	323
Specialist paediatric service	42	35	23	12	n.a.	3	2	3	120
Psychiatric unit/ward	28	30	15	7	n.a.	3	2	2	87
Intensive care unit (level III)	37	26	23	5	n.a.	3	1	2	97
Hospice care unit	28	29	12	10	n.a.	5	1	0	85
Nursing home care unit	57	87	20	25	n.a.	5	1	0	195
Geriatric assessment unit	55	31	11	16	n.a.	0	1	0	114
Domiciliary care service	107	103	10	34	n.a.	0	0	4	258
Alcohol and drug unit	32	13	5	0	n.a.	0	0	0	50
Acute spinal cord injury unit	4	1	1	1	n.a.	0	0	0	7
Coronary care unit	45	31	21	4	n.a.	3	2	2	108
Cardiac surgery unit	10	6	2	3	n.a.	1	0	0	22
Acute renal dialysis unit	12	9	8	3	n.a.	2	1	2	37
Maintenance renal dialysis centre	20	34	8	5	n.a.	2	1	2	72
Burns unit (level III)	5	2	3	2	n.a.	1	0	0	13
Major plastic/reconstructive surgery unit	11	12	4	4	n.a.	2	1	0	34
Oncology unit	25	19	21	7	n.a.	4	1	0	77
Neonatal intensive care unit (level III)	16	7	9	2	n.a.	1	1	2	38
In-vitro fertilisation unit	3	2	0	1	n.a.	0	0	0	6
Refractory epilepsy unit	5	4	0	3	n.a.	0	0	0	12
Transplantation unit—bone marrow	9	6	1	3	n.a.	0	1	0	20
Transplantation unit—renal	9	6	1	4	n.a.	0	0	0	20
Transplantation unit—heart (including heart/lung)	3	2	2	2	n.a.	0	0	0	9
Transplantation unit—liver	3	1	0	2	n.a.	0	0	0	6
Transplantation unit—pancreas	1	1	2	1	n.a.	0	0	0	5
Clinical genetics unit	7	5	5	2	n.a.	1	1	0	21
Sleep centre	10	9	7	2	n.a.	1	1	0	30
Neurosurgical unit	11	7	6	3	n.a.	1	1	0	29
Infectious diseases unit	7	7	3	3	n.a.	1	1	2	24
AIDS unit	15	4	5	2	n.a.	0	1	1	28
Diabetes unit	20	15	11	6	n.a.	2	1	0	55
Rehabilitation unit	48	27	4	9	n.a.	3	1	2	94

(a) The number of hospitals in Victoria is the total number of reporting units for this year's collection, including psychiatric units which were later mainstreamed into the public acute system. Psychiatric hospital beds for Victoria are reported for 30 June 1996, rather than average for the year, except for some units mainstreamed during the year where the bed numbers are reported as at the last day prior to mainstreaming.

(b) Specialised services data were included for acute hospitals only. Excluding South Australia, approximately 15% of hospitals were not able to report against these items.

Table 2.3: Recurrent expenditure (\$'000) and average admitted patient cost proportion, public hospitals, States and Territories, 1995–96

Staffing category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Salaried medical officers	376,867	304,193	196,488	80,781	85,035	54,175	22,188	15,718	1,135,446
Registered nurses	1,176,192	n.a.	476,134	n.a.	225,009	n.a.	40,222	23,602	n.a.
Enrolled nurses	152,672	n.a.	80,446	n.a.	47,916	n.a.	5,100	3,366	n.a.
Student nurses	0	n.a.	6,353	n.a.	0	n.a.	0	312	n.a.
Trainee/pupil nurses	22,031	n.a.	734	n.a.	2,192	n.a.	0	0	n.a.
<i>Total nurses</i>	<i>1,351,777</i>	<i>775,552</i>	<i>563,668</i>	<i>284,398</i>	<i>275,116</i>	<i>62,617</i>	<i>57,587</i>	<i>39,188</i>	<i>3,409,903</i>
Other personal care staff	110,972	n.a.	33,359	32,939	5,317	1,791	0	636	185,014
Diagnostic and health professionals	424,884	244,476	137,833	79,805	69,909	20,376	19,424	11,672	1,008,380
Administrative and clerical staff	384,955	207,856	108,758	85,286	72,819	18,775	18,660	7,508	904,617
Domestic and other staff	395,272	226,409	187,934	113,742	69,360	35,575	11,124	11,967	1,051,382
Total salary and wages expenditure	3,043,844	1,787,310	1,228,033	676,951	582,691	193,309	128,983	91,937	7,733,059
Payments to visiting medical officers	271,512	84,703	45,885	48,416	49,147	2,409	17,637	4,365	524,074
Superannuation payments	214,757	116,711	101,027	10,061	50,299	17,934	4,035	n.a.	514,825
Drug supplies	179,298	118,528	93,854	50,924	40,309	10,701	8,913	5,969	508,496
Medical and surgical supplies	290,805	166,633	145,593	69,432	69,534	21,886	18,055	6,621	788,560
Food supplies	67,864	34,248	22,881	14,395	10,867	2,898	3,225	1,801	158,179
Domestic services	107,218	81,087	61,129	49,168	28,919	7,559	6,923	2,003	344,006
Repairs and maintenance	137,400	65,330	42,200	51,452	37,527	5,409	3,793	2,500	345,611
Patient transport	28,386	12,428	13,794	3,619	6,995	2,083	300	4,119	71,724
Administrative expenses	213,016	163,478	96,952	35,769	62,267	16,197	9,960	8,161	605,800
Interest payments	441	524	0	0	0	0	41	0	1,006
Other recurrent expenditure	130,432	98,112	-220	22,662	6,184	11,574	13,443	7,653	289,841
Total non-salary expenditure	1,853,309	941,783	623,095	402,174	362,049	103,608	88,655	43,192	4,417,866
Total expenditure	4,897,154	2,729,094	1,851,128	1,079,125	944,740	296,917	217,638	135,129	12,150,925
Average admitted patient cost proportion	0.76	0.75	0.78	n.a.	0.80	0.73	n.a.	n.a.	0.76

Note Discrepancies between column sub-totals or totals and the sum of the categories are due to missing data.

Table 2.4: Revenue (\$'000), public hospitals, States and Territories, 1995–96

Revenue source	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Patient revenue	249,314	190,359	78,435	57,424	49,213	36,490	11,328	2,196	674,759
Recoveries	148,531	55,163	5,912	9,918	341	8,147	4,570	3,560	236,142
Other revenue	137,644	47,678	1,229	13,815	3,690	4,697	1,062	436	210,250
Total revenue	535,489	293,200	85,583	76,940	53,244	49,334	16,960	6,192	1,116,942

Note Discrepancies between column sub-totals or totals and the sum of the categories are due to missing data.

Table 2.5: Separations from public hospitals, by type of admitted patient episode, States and Territories, 1995–96

Type of admitted patient episode	NSW	Vic	Qld(a)	WA	SA	Tas	ACT	NT	Total
Mental health	36,329	23,705	18,957	16,065	11,617	2,587	1,412	795	111,467
Alcohol and drug	9,178	2,687	5,220	2,702	1,273	308	0	166	21,534
Nursing home type	13,172	2,351	1,950	3,874	1,088	279	10	40	22,764
Rehabilitation	24,497	20,067	7,800	0	2,178	401	191	325	55,459
Intellectual handicap	68	38	56	20	18	5	0	9	214
Dental	7,318	6,948	4,927	3,062	2,679	763	843	407	26,947
Non-medical and social	1,646	1,756	2,995	10,365	756	357	0	205	18,080
Dialysis	99,538	81,042	47,304	25,501	28,884	6,323	10,573	12,386	311,551
Endoscopy	54,439	15,032	27,108	14,612	14,962	4,126	0	1,102	131,381
Perinatal	13,962	16,627	7,524	5,428	2,273	656	0	740	47,210
Medical/surgical/obstetrics	990,815	741,239	508,149	276,403	258,086	60,065	43,232	29,834	2,907,823
Total separations	1,250,962	911,492	631,990	358,032	323,814	75,870	56,261	46,009	3,654,430

(a) Psychiatric and drug and alcohol hospitals are not included.

Table 2.6: Patient days in public hospitals, by type of admitted patient episode, States and Territories, 1995–96

Type of admitted patient episode	NSW	Vic	Qld(a)	WA	SA	Tas	ACT	NT	Total
Mental health	333,368	712,236	198,630	207,703	185,487	32,890	17,447	6,842	1,694,603
Alcohol and drug	43,348	13,686	23,455	15,734	7,784	3,473	0	831	108,311
Nursing home type	532,330	123,906	284,637	242,851	258,910	48,796	5,243	3,773	1,500,446
Rehabilitation	406,360	322,234	35,853	0	55,919	13,837	10,770	7,552	852,525
Intellectual handicap	554	349	661	835	121	84	0	51	2,655
Dental	9,521	7,827	6,082	3,721	3,178	855	1,532	565	33,281
Non-medical and social	15,297	21,550	47,523	31,629	6,108	7,501	0	1,360	130,968
Dialysis	100,706	81,742	47,425	25,550	28,906	6,410	10,573	12,404	313,716
Endoscopy	136,905	28,598	71,536	33,871	34,882	9,660	0	2,810	318,262
Perinatal	115,984	122,283	64,994	41,478	31,829	7,388	0	8,215	392,171
Medical/surgical/obstetrics	4,237,981	2,843,383	1,988,630	980,748	971,098	377,226	177,951	141,473	11,718,490
Total patient days	5,932,354	4,277,794	2,769,426	1,584,120	1,584,222	508,120	223,516	185,876	17,065,428

(a) Psychiatric and drug and alcohol hospitals are not included.

Table 2.7: Patient days by charging status, public hospitals, States and Territories, 1995–96

Charging status	NSW	Vic(a)	Qld(a)	WA	SA(b)	Tas	ACT	NT	Total
Public patients	4,397,892	3,060,915	2,441,102	n.a.	1,252,062	361,241	190,958	176,618	11,880,788
Private patients	800,898	442,991	300,320	n.a.	232,501	33,525	23,591	3,792	1,837,618
DVA patients	372,747	223,346	6,453	n.a.	0	50,240	4,830	222	657,838
Compensable and ineligible patients	134,702	77,659	21,559	n.a.	21,754	60,325	4,137	5,192	325,328
Total patient days	5,932,354	3,804,911	2,769,426	n.a.	1,506,317	505,119	223,516	185,876	14,927,519

(a) Psychiatric and drug and alcohol hospitals are not included.

(b) *DVA patients* are included in the *Private patients* category.

Note Discrepancies between column sub-totals or totals and the sum of the categories are due to missing data.

Table 2.8: Non-admitted patient occasions of service, by service type, public hospitals, States and Territories, 1995–96

Service type	NSW(a)	Vic	Qld	WA(b)	SA(b)	Tas	ACT	NT	Total
Accident and emergency	1,855,810	1,132,295	1,128,277	714,342	434,134	79,208	81,629	103,903	5,529,598
Dialysis	0	0	2,076	0	0	174	0	0	2,250
Pathology	n.a.	726,442	746,665	66,995	0	86,429	25,777	48,738	1,701,046
Radiology and organ imaging	n.a.	452,044	575,203	337,349	222,078	49,114	45,039	61,083	1,741,910
Endoscopy and related procedures	0	0	1,818	0	0	95	3,351	0	5,264
Other medical/surgical	6,872,738	1,249,624	1,359,725	2,363,999	661,516	104,965	160,768	66,353	12,839,688
Mental health	99,798	628,666	47,282	0	22,787	25,193	4,597	0	828,323
Alcohol and drug	448,964	56,559	57,604	0	0	180	0	0	563,307
Dental	1,458,162	260,721	503,932	0	9,544	14,411	0	0	2,246,770
Pharmacy	368,639	443,992	663,112	0	0	42,767	0	7,301	1,525,811
Allied health services	0	729,569	618,853	0	413,885	105,800	54,298	18,034	1,940,439
Community health services	3,597,678	765,324	120,567	0	0	2,205	2,675	0	4,488,449
District nursing services	0	477,309	11,602	0	0	0	0	0	488,911
Other outreach services	309,684	503,056	112,610	0	460,202	280	8,301	0	1,394,133
Total services	25,481,889	7,425,601	6,616,229	3,433,791	2,224,146	510,821	386,435	305,412	46,384,324

(a) Pathology and Radiology and organ imaging services are included in Other medical/surgical. Community health services includes mental health community health services.

(b) Psychiatric and drug and alcohol hospitals are not included.

Note Discrepancies between column sub-totals or totals and the sum of the categories are due to missing data.

3. Admitted patients in Australian hospitals—overview

Introduction

The National Hospital Morbidity Database is a compilation of electronic summary records collected in admitted patient morbidity systems in public and private hospitals. Almost all hospitals in Australia are included. The exceptions are public hospitals not within the jurisdiction of a State or Territory health authority or the Department of Veterans' Affairs (that is, hospitals operated by the Department of Defence, for example, and hospitals located in off-shore Territories). In addition, data were not able to be supplied for 1995–96 for the one private hospital in the Northern Territory, the private free-standing day hospital facilities in the Australian Capital Territory and the public psychiatric hospitals in Queensland.

The data supplied for the Database were based on the patient-level data items of the National Minimum Data Set for Institutional Health Care, as defined in the *National Health Data Dictionary*. A process of validation of the Database was jointly undertaken by the Institute and the data providers to ensure data quality. When data were supplied using non-standard definitions or classifications, the Institute mapped them to the *National Health Data Dictionary* definitions, where possible, in collaboration with the data providers. In addition, as records for separations of unqualified neonates were not supplied by some data providers, those records supplied by other data providers were removed from the Database by the Institute, in consultation with the data providers. Boarders were not within the scope of the collection, as they are not admitted patients, so records for them were similarly removed from the Database.

This chapter presents summary statistics on separations, patient days and average length of stay by type of hospital, year of separation and State and Territory. Table 3.1 reports the available national statistics for the years 1991–92 to 1995–96 and Table 3.2 reports the statistics for 1995–96 by State and Territory.

Records for 1995–96 are for hospital separations (discharges, transfers, deaths or changes in type of episode of care) in the period 1 July 1995 to 30 June 1996. Separations for patients who were admitted on any date before 1 July 1996 are included, provided that they also separated between 1 July 1995 and 30 June 1996. A record is included for each separation, not for each patient, so patients who separated more than once in the year have more than one record in the Database.

It should be noted that, although data on hospitalisations can reflect an aspect of the burden of disease in the community, they do not usually provide measures of the incidence of conditions. This is because the number and pattern of hospitalisations can be affected by differing admission practices, differing levels and patterns of service provision and multiple admissions for some chronic conditions, in addition to the differing patterns of morbidity in the population.

Highlights

Separations

There were 5,175,937 separations reported from public and private acute and psychiatric hospitals in 1995–96. With public psychiatric hospitals excluded (because they were included in the Database for the first time in 1995–96), there were 5,151,094 separations, an increase of 5.1% compared with 1994–95, and a continuation of the trend of increasing numbers of separations over the last few years (Table 3.1). Public acute hospital separations increased by 3.8% and there was a 8.1% increase in the private sector.

Public patient separations comprised 83% of public acute hospital separations, an increase over the 79% reported in 1994–95 and the 78% reported in 1993–94. Complementary to this, there was a decrease in private patient separations in public acute hospitals.

The crude separation rate per 1,000 population increased by 2.4% between 1994–95 and 1995–96 for public acute hospitals and by 6.7% for private hospitals (Figure 3.1). The age-standardised separation rates for all hospitals (excluding public psychiatric hospitals) similarly rose between 1994–95 and 1995–96 (by 3.6%).

Among the States and Territories, the Northern Territory reported the highest crude public acute hospital separation rate in 1995–96 (260.1 per 1,000 population; Table 3.2) and Tasmania reported the lowest (152.1 per 1,000 population). Private hospital separation rates ranged from 45.3 per 1,000 population in the Australian Capital Territory (for which not all same day facilities were included in the Database) to 111.6 per 1,000 population in Tasmania. For all hospitals combined, South Australia reported the highest crude separation rate (313.6 per 1,000 population) but the Northern Territory reported the highest age-standardised separation rate (308.4 per 1,000 population), despite not reporting private hospital separations.

The crude population separation rate for public patients in public acute hospitals was higher in 1995–96 compared with 1993–94 and 1994–95, but lower for private patients. The Northern Territory reported the highest public patient separation rate in 1995–96 (246.9 per 1,000 population) and New South Wales reported the highest private patient rate (29.8 per 1,000 population).

Same day separations

There has been a trend over recent years for a higher proportion of admitted patients to be treated on a same day basis, reflecting changing medical practice, efforts to increase hospital productivity and changes in the availability of private health insurance benefits for same day patients (Australian Institute of Health and Welfare 1996c). In chapters 3 to 9, same day separations have been distinguished from other separations to illustrate the proportions of total separations which they represent, and also to demonstrate the effect on average lengths of stay of classifying this type of hospital care as admissions. In most countries of the Organisation for Economic Cooperation and Development (OECD), same day patients are not admitted and reported average lengths of stay are therefore longer than those calculated for Australia (Australian Institute of Health and Welfare 1996c).

Same day patients are admitted and separated on the same date. In 1995–96, separations for these patients continued to increase as a proportion of total acute hospital separations compared with recent years. In 1995–96, 2,192,332 separations were on a same day basis. These separations comprised 42.5% of public acute and private hospital separations overall, 39.7% of public acute hospital separations and 48.9% of private hospital separations.

Patient days

In contrast with the larger increases in separations, there was only a 0.2% increase in patient days in public acute hospitals in 1995–96 compared with 1994–95, and fewer than reported in 1993–94. There was, however, a 4.3% increase in public patient days, to account for 81.0% of total public acute hospital patient days. Private hospital patient days increased by 9.0% and patient days for public acute and private hospitals combined increased by 2.4%.

The number of patient days per 1,000 population in 1995–96 rose by 1.0% for public acute and private hospitals combined compared with 1994–95. Public acute hospital patient days per 1,000 fell by 1.1%, with those for private hospitals increasing by 7.6%. In public acute hospitals, public patient days per 1,000 population rose by 3.0% nationally and private patient days fell by 14.6% compared with 1994–95.

Of the States and Territories, New South Wales reported the highest number of patient days per 1,000 population for public acute hospitals in 1995–96 (1058.8 per 1,000 population) and the Australian Capital Territory reported the lowest (760.9 per 1,000 population). The highest crude population rate for patient days in private hospitals was reported by Queensland (455.3 per 1,000 population).

Average length of stay

The average length of stay for public acute and private hospitals combined was 4.3 days, a reduction from 4.5 in 1994–95 and a continuation of the trend apparent over the last few years (Figure 3.2). For public acute hospitals, there was a decrease from 4.8 days in 1994–95 to 4.6 days in 1995–96, and decreases for both public and private patients. For private hospitals, the average length of stay was 3.7 days in 1995–96, as for the previous year. Tasmania reported the longest average length of stay for public acute hospitals (5.3 days) and Queensland reported the longest for private hospitals (4.3 days).

With same day separations excluded (as is the practice in most OECD countries), the average length of stay for 1995–96 was the same as in 1994–95 for public acute hospitals but longer for private hospital patients. In public acute hospitals it was 7.0 days and in private hospitals it was 6.4 days. These figures are within the range of those reported for 1995 average lengths of stay for acute care for other OECD countries (OECD 1997).

Public psychiatric hospitals

Public psychiatric hospitals have been included in the National Hospital Morbidity Database for the first time in 1995–96, with data incorporated for New South Wales, Victoria, Tasmania, Western Australia and South Australia. The number of patient days was not able to be supplied for the Victorian public psychiatric hospitals (as leave days could not be distinguished), so the separations for these hospitals have been excluded in the calculation of average lengths of stay reported in this chapter and elsewhere in this report. Queensland was unable to supply data for its public psychiatric hospitals and the Northern Territory and the Australian Capital Territory do not have public psychiatric hospitals.

The separations reported for these non-acute hospitals comprised 0.5% of the total separations reported for the year. There were 24,843 public psychiatric hospital separations in 1995–96 (Table 3.2), with crude separation rates ranging from 1.0 per 1,000 population in Tasmania to 3.0 per 1,000 population in South Australia. Same day separations accounted for 5.5% of the separations overall, ranging from 1.3% in Tasmania to 8.6% in Victoria.

Public psychiatric hospitals accounted for 4.1% of the patient days for the year; 948,433 patient days were reported, at a rate of 91.8 per 1,000 population (excluding non-reporting States). Population rates ranged from 74.7 patient days per 1,000 population in New South Wales to 261.4 per 1,000 in Tasmania. Average length of stay overall was 52.1 days for all separations and 56.3 days for non-same day separations.

Whilst separations from public psychiatric hospitals have been included in the Database for the first time in 1995–96, it is likely that the proportion of all separations from public psychiatric beds (in acute and psychiatric hospitals combined) that has been included in the Database has progressively increased over the last few years (as has the number of separations for the *Mental disorders* principal diagnosis group). This is because the implementation of the National Mental Health Strategy has resulted in a reduction in the number of beds in public psychiatric hospitals and an increase in psychiatric beds in public acute hospitals since 1992–93 (Commonwealth of Australia 1996).

Separations or patient days per 1,000 population

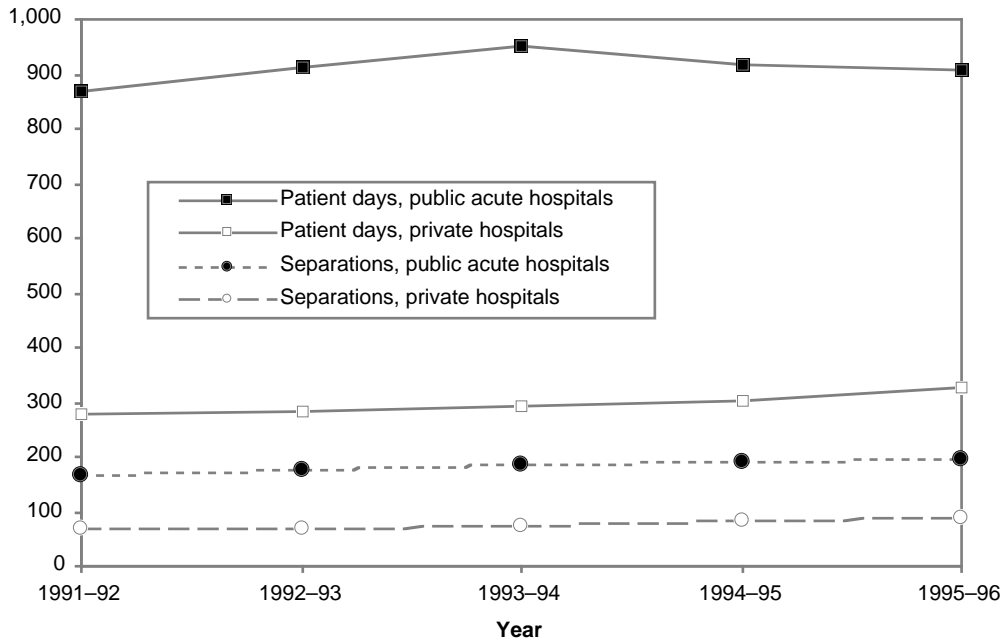


Figure 3.1: Separations and patient days per 1,000 population for public acute and private hospitals, Australia, 1991-92 to 1995-96

Average length of stay (days)

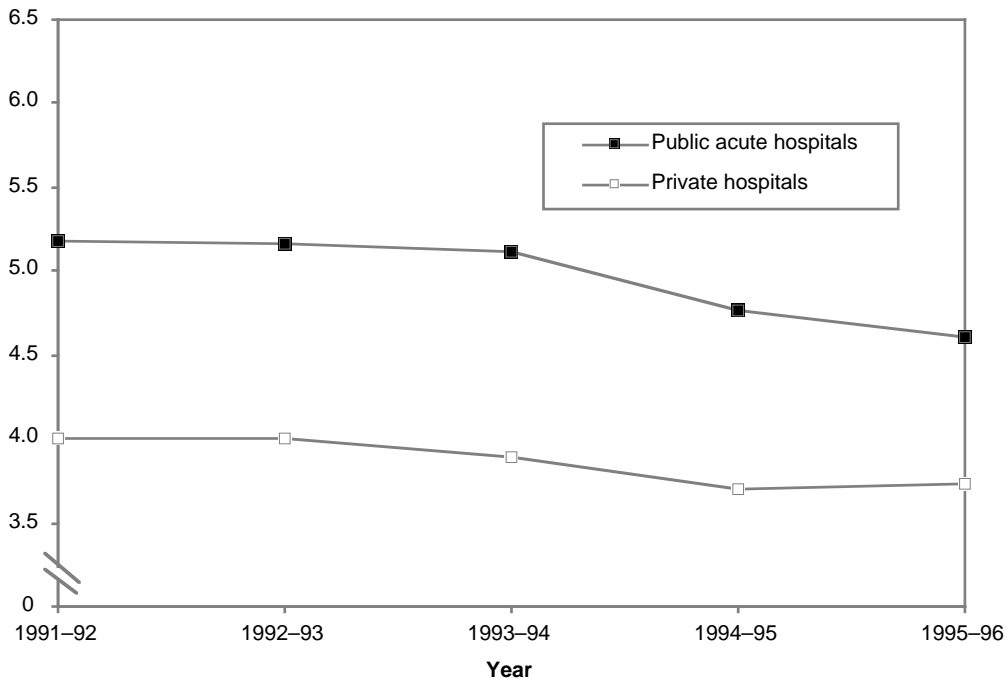


Figure 3.2: Average length of stay for public acute and private hospitals, Australia, 1991-92 to 1995-96

Table 3.1: Summary of separation, same day separation, patient day and average length of stay statistics, all hospitals, Australia, 1991–92 to 1995–96

	Units	1991–92	1992–93(a)	1993–94(b)	1994–95(b)	1995–96
Separations						
Public acute hospitals(c)	000's	2,937	3,108	3,301	3,443	3,573
- Public patients(d)	000's	2,132	n.a.	2,562	2,724	2,967
- Private patients	000's	n.a.	n.a.	545	489	438
Public psychiatric hospitals(e)	000's	n.a.	n.a.	n.a.	n.a.	25
Private hospitals(f)	000's	1,210	1,238	1,313	1,460	1,578
Total	000's	4,147	4,346	4,614	4,903	5,176
Same day separations						
Public acute hospitals(c)	000's	861	n.a.	1,129	1,291	1,419
- Public patients(d)	000's	n.a.	n.a.	895	1,039	1,197
- Private patients	000's	n.a.	n.a.	181	178	168
Public psychiatric hospitals(e)	000's	n.a.	n.a.	n.a.	n.a.	1
Private hospitals(f)	000's	410	n.a.	568	673	772
Total	000's	1,271	n.a.	1,697	1,964	2,192
Same day separations as a % of total						
Public acute hospitals(c)	%	29.3	n.a.	34.2	37.5	39.7
- Public patients(d)	%	n.a.	n.a.	34.9	38.1	40.3
- Private patients	%	n.a.	n.a.	33.2	36.4	38.4
Public psychiatric hospitals(e)	%	n.a.	n.a.	n.a.	n.a.	5.5
Private hospitals(f)	%	33.9	n.a.	43.3	46.1	48.9
Total	%	30.6	n.a.	36.8	40.1	42.4
Separations per 1,000 population(g)						
Public acute hospitals(c)		167.7	176.9	186.0	192.0	196.7
- Public patients(d)		121.8	n.a.	144.4	151.9	163.3
- Private patients		n.a.	n.a.	30.7	27.3	24.1
Public psychiatric hospitals(e)		n.a.	n.a.	n.a.	n.a.	1.7
Private hospitals(f)		69.1	70.5	74.7	82.2	87.7
Total		236.8	247.3	260.0	273.5	284.9
Age-standardised rate(h)		n.a.	n.a.	257.8	269.1	278.8(h)
Patient days						
Public acute hospitals(c)	000's	15,205	16,035	16,878	16,416	16,443
- Public patients(d)	000's	10,872	n.a.	12,962	12,766	13,318
- Private patients	000's	4,333	n.a.	2,545	2,201	1,906
Public psychiatric hospitals(e)	000's	n.a.	n.a.	n.a.	n.a.	948
Private hospitals(f)	000's	4,845	4,955	5,117	5,407	5,895
Total	000's	20,050	20,990	21,995	21,823	23,286

(continued)

Table 3.1 (continued): Summary of separation, same day separation, patient day and average length of stay statistics, all hospitals, Australia, 1991–92 to 1995–96

	Units	1991–92	1992–93(a)	1993–94(b)	1994–95(b)	1995–96
Patient days per 1,000 population(g)						
Public acute hospitals(c)		868.2	912.5	951.2	915.6	905.2
- Public patients(d)		620.8	n.a.	730.5	712.0	733.1
- Private patients		247.4	n.a.	143.4	122.8	104.9
Public psychiatric hospitals(e)		n.a.	n.a.	n.a.	n.a.	91.8
Private hospitals(f)		276.6	282.0	291.2	304.5	327.7
Total		1,144.8	1,194.5	1,239.6	1,217.2	1,281.9
Age-standardised rate(h)		n.a.	n.a.	1,217.5	1,187.0	1189.1(h)
Average length of stay						
Public acute hospitals(c)	Days	5.2	5.2	5.1	4.8	4.6
- Public patients(d)	Days	5.1	n.a.	5.1	4.7	4.5
- Private patients	Days	n.a.	n.a.	4.7	4.5	4.3
Public psychiatric hospitals(e)	Days	n.a.	n.a.	n.a.	n.a.	52.1
Private hospitals(f)	Days	4.0	4.0	3.9	3.7	3.7
Total	Days	4.8	4.8	4.8	4.5	4.5
Average length of stay, excluding same day cases						
Public acute hospitals(c)	Days	6.9	n.a.	7.3	7.0	7.0
- Public patients(d)	Days	n.a.	n.a.	7.2	7.0	6.8
- Private patients	Days	n.a.	n.a.	6.5	6.5	6.4
Public psychiatric hospitals(e)	Days	n.a.	n.a.	n.a.	n.a.	56.3
Private hospitals(f)	Days	5.5	n.a.	6.1	6.0	6.4
Total	Days	6.5	n.a.	7.0	6.8	7.1

- (a) Data for 1992–93 are provisional. They have been updated since previously published, incorporating revised data supplied by New South Wales.
- (b) For 1993–94 and 1994–95 Victorian private hospital data are incomplete. About 81% of 1993–94 separations and 98% of 1994–95 separations were included.
- (c) Includes the Department of Veterans' Affairs hospitals.
- (d) Although public and private patients account for the bulk of separations from public hospitals, there are also separations for other categories of patients, as detailed in the *National Health Data Dictionary*.
- (e) Public psychiatric hospital data were not included until 1995–96. For that year Queensland was unable to report and Victoria was not able to provide patient days data as leave days could not be identified.
- (f) Includes private psychiatric hospitals.
- (g) Figures are crude rates per 1,000 population at 31 December of the relevant year unless otherwise specified. For the *Total* row and the rows for public acute hospitals, the rates were calculated using the total population of Australia. For public psychiatric hospitals and private hospitals they were derived using populations of the reporting States and Territories only, without adjustment for incomplete reporting.
- (h) Age-standardised rates were calculated using the total population of Australia at 30 June 1991. Separations for public psychiatric hospitals were excluded.

Table 3.2: Summary of separation, same day separation, patient day and average length of stay statistics, all hospitals, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Separations									
Public acute hospitals(a)	1,247,301	866,871	631,988	332,746	319,437	71,983	56,828	46,009	3,573,163
- Public patients(b)	993,058	714,816	556,071	285,737	265,193	59,090	49,266	43,668	2,966,899
- Private patients	183,031	101,468	70,529	33,200	35,884	6,758	6,048	1,390	438,308
Public psychiatric hospitals(c)	8,825	6,634	n.a.	4,480	4,447	457	..	..	24,843
Private hospitals(d)	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931
Total	1,741,366	1,296,856	981,894	451,195	462,707	125,258	70,652	46,009	5,175,937
Same day separations									
Public acute hospitals(a)	465,414	376,208	249,779	127,176	127,590	26,623	26,461	19,913	1,419,164
- Public patients(b)	374,802	317,222	221,975	110,146	107,624	22,432	23,960	18,939	1,197,100
- Private patients	67,848	41,474	26,063	12,834	14,762	2,242	2,216	676	168,115
Public psychiatric hospitals(c)	448	572	n.a.	98	251	6	..	..	1,375
Private hospitals(d)	266,827	213,694	164,581	48,667	53,211	19,712	5,101	n.a.	771,793
Total	732,689	590,474	414,360	175,941	181,052	46,341	31,562	19,913	2,192,332
Same day separations as a % of total									
Public acute hospitals(a)	37.3	43.4	39.5	38.2	39.9	37.0	46.6	43.3	39.7
- Public patients(b)	37.7	44.4	39.9	38.5	40.6	38.0	48.6	43.4	40.3
- Private patients	37.1	40.9	37.0	38.7	41.1	33.2	36.6	48.6	38.4
Public psychiatric hospitals(c)	5.1	8.6	n.a.	2.2	5.6	1.3	..	..	5.5
Private hospitals(d)	55.0	50.5	47.0	42.7	38.3	37.3	36.9	n.a.	48.9
Total	42.1	45.5	42.2	39.0	39.1	37.0	44.7	43.3	42.4
Separations per 1,000 population(e)									
Public acute hospitals(a)	202.7	191.8	190.6	190.5	216.5	152.1	186.4	260.1	196.7
- Public patients(b)	161.4	158.1	167.7	163.6	179.7	124.9	161.6	246.9	163.3
- Private patients	29.8	22.4	21.3	19.0	24.3	14.3	19.8	7.9	24.1
Public psychiatric hospitals(c)	1.4	1.5	n.a.	2.6	3.0	1.0	..	..	1.7
Private hospitals(d)	78.9	93.6	105.5	65.3	94.1	111.6	45.3	n.a.	87.7
Total	283.1	286.9	296.1	258.4	313.6	264.7	231.7	260.1	284.9
Age-standardised rate(f)	275.0	278.7	296.1(f)	262.7	297.9	259.3	255.7	308.4(f)	278.8

(continued)

Table 3.2 (continued): Summary of separation, same day separation, patient day and average length of stay statistics, all hospitals, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Patient days									
Public acute hospitals(a)	6,513,857	3,659,478	2,769,424	1,344,486	1,358,205	379,613	231,980	185,876	16,442,919
- Public patients(b)	5,082,998	2,937,050	2,441,108	1,125,743	1,106,850	252,439	195,214	176,644	13,318,046
- Private patients	841,650	421,675	300,320	134,234	145,919	33,643	25,284	3,766	1,906,491
Public psychiatric hospitals(c)	459,393	n.a.	n.a.	155,995	209,351	123,694	..	..	948,433
Private hospitals(d)	1,559,674	1,604,822	1,509,736	433,914	552,051	187,318	47,358	n.a.	5,894,873
Total	8,532,924	5,264,300	4,279,160	1,934,395	2,119,607	690,625	279,338	185,876	23,286,225
Patient days per 1,000 population(e)									
Public acute hospitals(a)	1,058.8	809.5	835.1	769.9	920.5	802.3	760.9	1,050.9	905.2
- Public patients(b)	826.2	649.7	736.1	644.6	750.1	533.5	640.3	998.8	733.1
- Private patients	136.8	93.3	90.6	76.9	98.9	71.1	82.9	21.3	104.9
Public psychiatric hospitals(c)	74.7	n.a.	n.a.	89.3	141.9	261.4	..	..	91.8
Private hospitals(d)	253.5	355.0	455.3	248.5	374.1	395.9	155.3	n.a.	327.7
Total	1,387.0	1,164.5	1,290.4	1,107.7	1,436.5	1,459.6	916.2	1,050.9	1,281.9
Age-standardised rate(f)	1,313.2	1,108.2	1,284.0	1,139.1	1,296.6	1,379.3	1,109.4	1,306.8	1,189.1
Average length of stay (days)									
Public acute hospitals(a)	5.2	4.2	4.4	4.0	4.3	5.3	4.1	4.0	4.6
- Public patients(b)	5.1	4.1	4.4	3.9	4.2	4.3	4.0	4.0	4.5
- Private patients	4.6	4.2	4.3	4.0	4.1	5.0	4.2	2.7	4.3
Public psychiatric hospitals(c)	52.1	n.a.	n.a.	34.8	47.1	270.7	..	..	52.1
Private hospitals(d)	3.2	3.8	4.3	3.8	4.0	3.5	3.4	n.a.	3.7
Total	4.9	4.1	4.4	4.3	4.6	5.5	4.0	4.0	4.5
Average length of stay, excluding same day cases (days)									
Public acute hospitals(a)	7.7	6.7	6.6	5.9	6.4	7.8	6.8	6.4	7.0
- Public patients(b)	7.6	6.6	6.6	5.8	6.3	6.3	6.8	6.4	6.8
- Private patients	6.7	6.3	6.2	6.0	6.2	7.0	6.0	4.3	6.4
Public psychiatric hospitals(c)	54.8	n.a.	n.a.	35.6	49.8	274.3	..	..	56.3
Private hospitals(d)	5.9	6.6	7.3	5.9	5.8	5.1	4.8	n.a.	6.4
Total	7.7	6.7	6.8	6.4	6.9	8.2	6.3	6.4	7.1

(a) Includes the Department of Veterans' Affairs hospitals.

(b) Although public and private patients account for the bulk of separations from public hospitals, there are also separations for other categories of patients, as detailed in the *National Health Data Dictionary*.

(c) Queensland was unable to report public psychiatric hospital data and Victoria was not able to provide patient days data as leave days could not be identified.

(d) Includes private psychiatric hospitals.

(e) Figures are crude rates per 1,000 population at 31 December 1995 unless otherwise specified. In the *Total* column, the rates in the *Total* row and the rows for public acute hospitals were calculated using the total population of Australia. For public psychiatric hospitals and private hospitals the column totals were derived using populations of the reporting States and Territories only, without adjustment for incomplete reporting.

(f) Age-standardised rates were calculated using the total population of Australia at 30 June 1991. Psychiatric hospital separations were not included for Queensland and private hospital separations were not included for the Northern Territory.

4. Demographic profile of admitted patients

Introduction

This chapter presents a demographic profile of admitted patients who separated from hospital during 1995–96.

Data on the sex of each patient was reported to the Database as male, female, indeterminate or not stated/inadequately described. The 101 separations for patients who were not reported as male or female are included in the rows for persons in the tables in this chapter.

Most States and Territories supplied the date of birth of the patient for the Database, in which case the Institute calculated the age of the patient by subtracting the date of birth from the date of admission. The exceptions were Queensland and South Australia which supplied the age group for each patient.

Separations categorised by age group and sex are presented by State and Territory in separate tables for public and private hospitals (Tables 4.1 and 4.2). Information on patient days is presented in a similar manner (Tables 4.3 and 4.4).

The national data are also presented as age group and sex-specific rates per 1,000 population in graphical form (Figures 4.1 to 4.4). Average length of stay information by age group and sex is also presented graphically in Figures 4.5 and 4.6.

The final table in this chapter shows separations by reported Indigenous status and State and Territory.

Highlights

Sex

Females accounted for higher proportions of separations than males, 53% of total separations in public hospitals and 56% in private hospitals. Females dominated mainly in the child-bearing age group (15 to 44 years). In both public and private hospitals, there were more separations for females than males in that age range, but also in the 45 to 54 years and the 75 years and over age groups (Tables 4.1 and 4.2). Separations per 1,000 population were similarly higher for females than males in those age groups, for both hospital sectors (Figures 4.1 and 4.2).

Females also accounted for more patient days than males in both public and private hospitals (Tables 4.3 and 4.4). In public hospitals, they accounted for 54% of patient days, and for more patient days in both the 15 to 44 years and the 65 years and over age groups. In private hospitals, they accounted for 61% of patient days and dominated all age groups from 15 years and over. Similar patterns were evident in the number of patient days reported per 1,000 population for public and private hospitals (Figures 4.3 and 4.4).

Age

Separations peaked in two age groups in public hospitals. The first was in the 25 to 34 years age group, the age group most commonly reported for female patients. The second was the 65 to 74 years age group, which was most commonly reported for males. The pattern of separations per 1,000 population also had two peaks, for the under 1 year age group and the over 75 year age group. The highest numbers of patient days were reported for females in the 25 to 34 years and the 65 years and over age groups, and for males in the 55 years and over age group. Average length of stay had peaks in the under 1 year and the 65 years and over age groups.

In private hospitals, the main peak for separations was in the 65 to 74 years age group, reflecting the most commonly reported age group for male patients, and there was a smaller peak in the 45 to 54 years age group. The population separation rates were highest for the older age groups. Patients in the 65 years and over age group accounted for the most patient days, and had the highest number of separations per 1,000 population. As for public hospitals, average length of stay was longest for the very young and for older patients.

In both sectors combined, the population aged 65 years and over accounted for a high proportion of admitted patient activity. This population, which comprised 12% of the total Australian population, accounted for 1.5 million separations (30% of the total) and 11 million patient days (48%). There were 706 separations per 1,000 population for this age group compared with an overall rate of 285 for the total population. The average length of stay for these patients was 7.3 days, compared with 4.5 days for all patients.

Indigenous status

Table 4.5 presents the data reported on Indigenous status by State and Territory. It also includes the number of separations for Indigenous patients per 1,000 Indigenous population, calculated using the medium series of projections of the Aboriginal and Torres Strait Islander population of each State and Territory for 30 June 1995 (Australian Bureau of Statistics 1996b) (Appendix).

The data on Indigenous status were supplied by most data providers categorised as *Aboriginal or Torres Strait Islander* or *Other* (as specified in the *National Health Data Dictionary* Version 4.0), but some also used the category *Not reported*. It is possible that some data providers may have included separations for which Indigenous status was unknown in the *Other* category and that patients could have been otherwise misclassified. The data should therefore be interpreted cautiously.

There were 137,134 separations for patients reported to be Aboriginal or Torres Strait Islander, mainly in Queensland, Western Australia, New South Wales and the Northern Territory. Overall, there were 440 separations for Indigenous patients reported per 1,000 Indigenous population for Australia. This was markedly higher than the corresponding figure for the general population of 285 per 1,000.

Western Australia, Queensland and South Australia reported similar numbers of Indigenous separations per 1,000 Indigenous population (all about 500 separations per 1,000 population) and the Northern Territory reported a similar rate although its private hospital was not included. New South Wales and Victoria both reported fewer, about 300 separations per 1,000 population. The Australian Capital Territory and Tasmania, in particular, reported markedly lower Indigenous separation rates.

This variation in the number of Indigenous separations per 1,000 Indigenous population could indicate either that, among the States and Territories, there is variation in the proportion of Indigenous persons which are identified as such in the morbidity data collections and/or in the total population, and/or there is variation in the hospitalisation rates for Indigenous persons. These Indigenous separation rate data should therefore also be interpreted with care.

Separations per 1,000 population

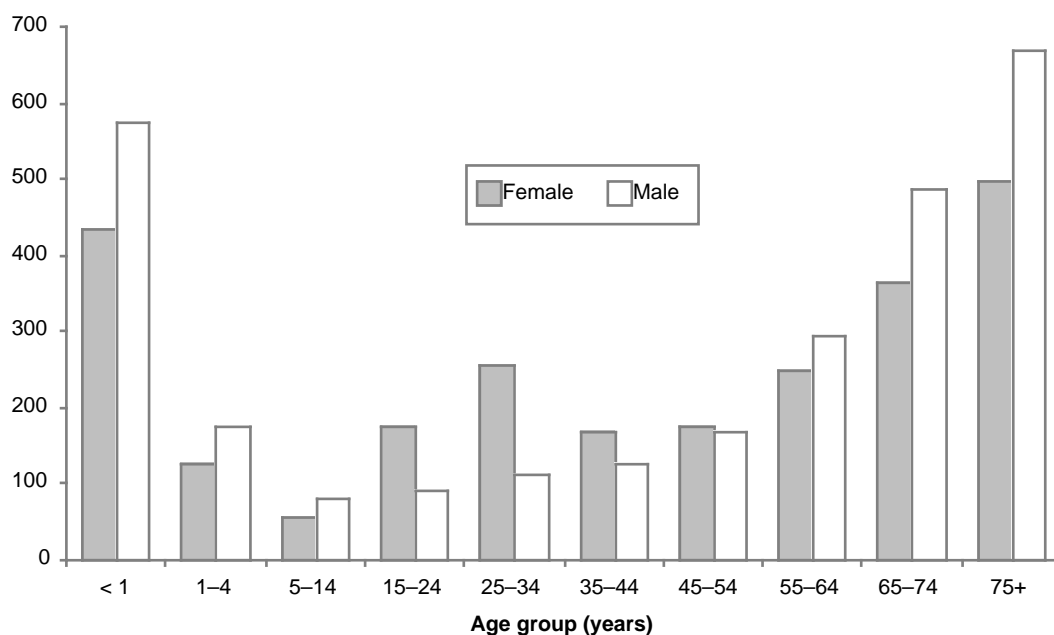


Figure 4.1: Separations per 1,000 population by age group and sex for public hospitals, Australia, 1995-96

Separations per 1,000 population

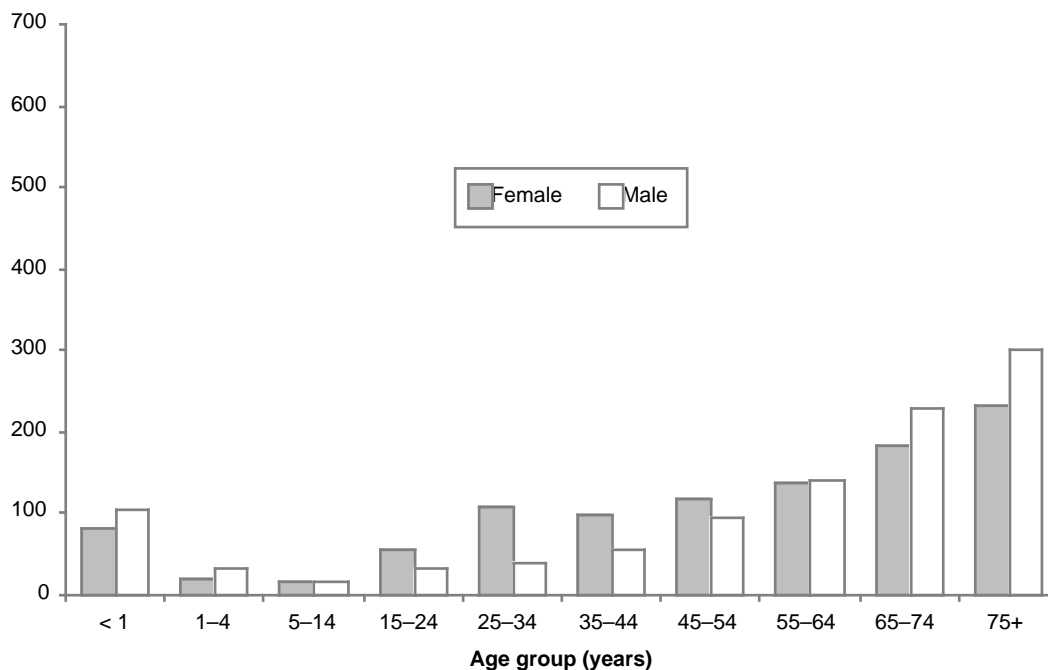


Figure 4.2: Separations per 1,000 population by age group and sex for private hospitals, Australia, 1995-96

Patient days per 1,000 population

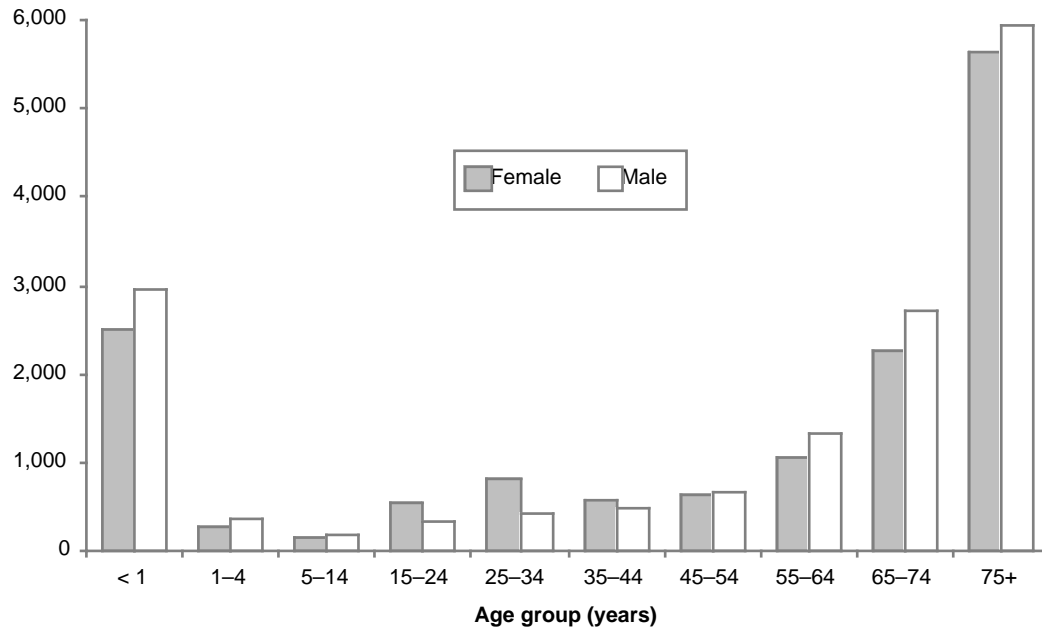


Figure 4.3: Patient days per 1,000 population by age group and sex for public hospitals, Australia, 1995-96

Patient days per 1,000 population

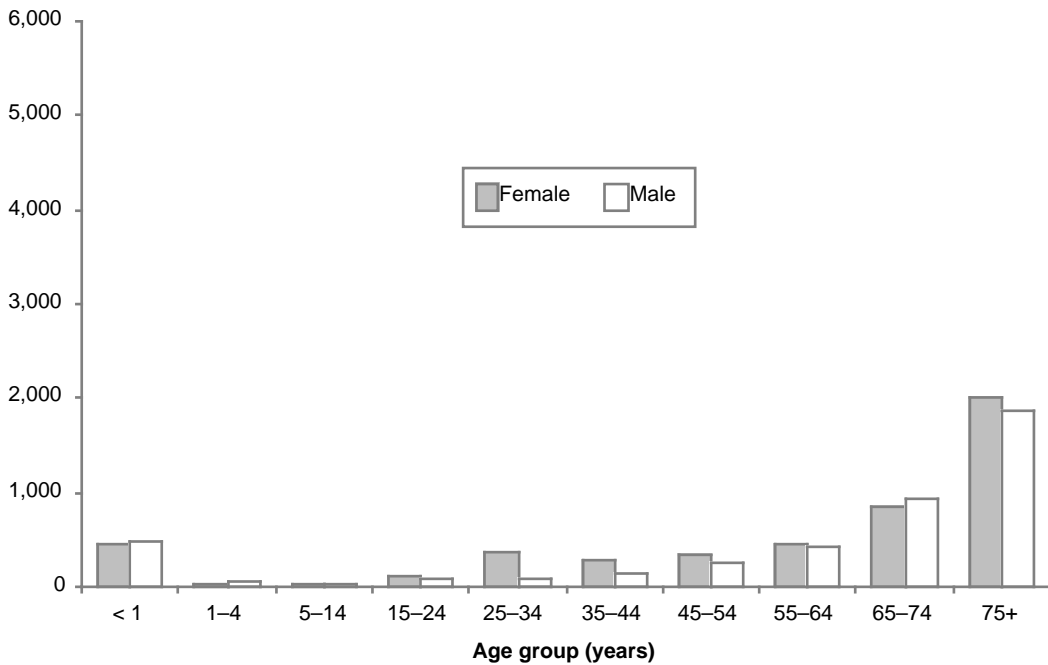


Figure 4.4: Patient days per 1,000 population by age group and sex for private hospitals, Australia, 1995-96

Average length of stay (days)

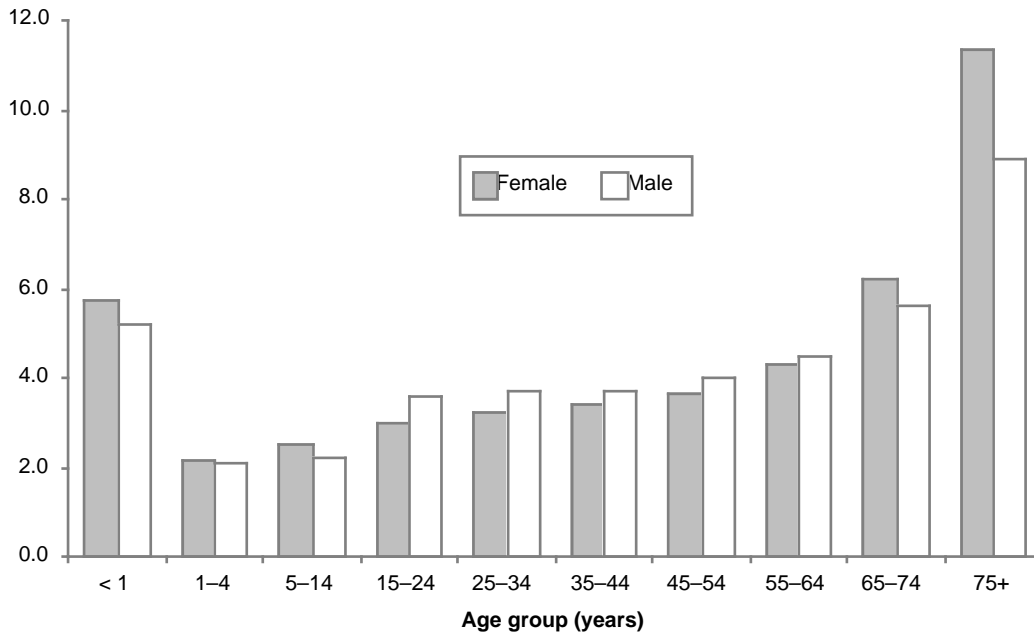


Figure 4.5: Average length of stay by age group and sex for public hospitals, Australia, 1995-96

Average length of stay (days)

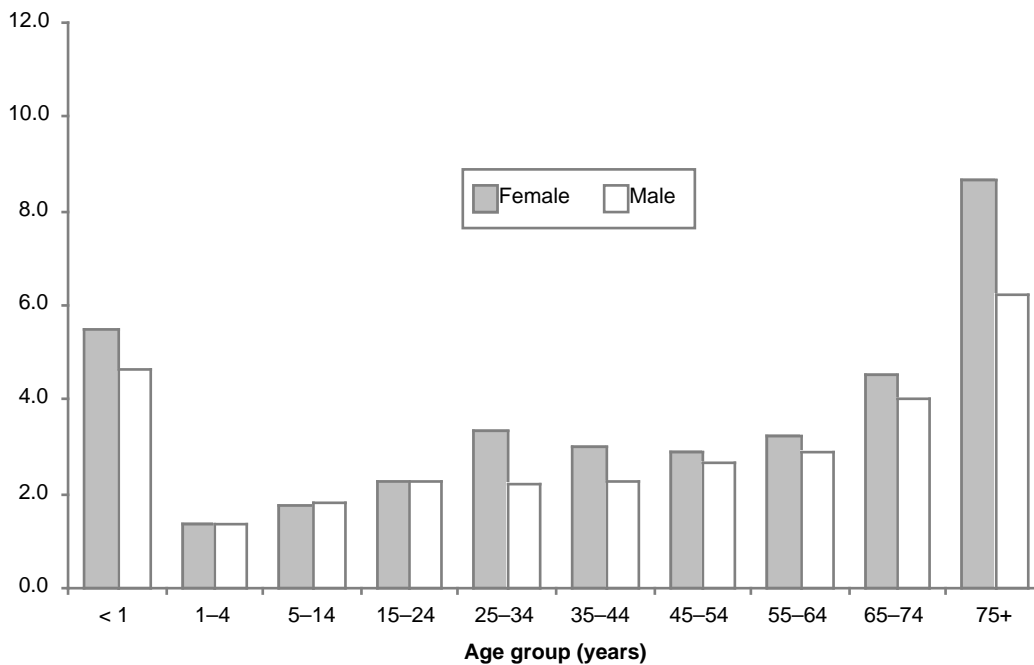


Figure 4.6: Average length of stay by age group and sex for private hospitals, Australia, 1995-96

Table 4.1: Separations by age group and sex, public hospitals, States and Territories, 1995–96

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Females	Under 1	20,685	10,802	10,057	5,560	3,200	930	1,176	1,221	53,631
	1–4	21,698	12,027	12,584	6,426	6,947	1,102	1,020	1,361	63,165
	5–14	24,223	15,351	13,788	8,199	7,473	1,339	1,186	1,065	72,624
	15–24	73,452	52,156	49,900	23,497	20,093	5,483	3,623	4,215	232,419
	25–34	118,420	94,165	64,285	34,398	30,970	7,036	6,495	5,966	361,735
	35–44	77,453	59,558	39,181	24,339	19,791	4,278	4,911	4,586	234,097
	45–54	65,706	49,691	33,492	18,924	17,172	4,014	3,328	2,798	195,125
	55–64	67,309	46,714	31,891	16,900	16,628	3,731	3,111	2,128	188,412
	65–74	94,167	60,805	38,055	20,519	22,614	4,865	3,856	1,552	246,433
	75 and over	109,910	67,937	37,794	22,870	26,290	5,278	2,555	545	273,179
	Unknown	4	32	2	0	9	0	0	7	54
<i>Total</i>		<i>673,027</i>	<i>469,238</i>	<i>331,029</i>	<i>181,632</i>	<i>171,187</i>	<i>38,056</i>	<i>31,261</i>	<i>25,444</i>	<i>1,920,874</i>
Males	Under 1	28,242	15,841	13,422	8,178	4,759	1,261	1,467	1,468	74,638
	1–4	32,802	18,736	17,296	9,576	10,207	1,546	1,541	1,792	93,496
	5–14	36,815	21,705	19,923	11,023	10,817	1,837	1,613	1,389	105,122
	15–24	41,888	28,362	28,019	12,245	10,462	2,728	2,143	1,655	127,502
	25–34	51,311	38,170	32,943	17,362	13,989	2,995	2,547	2,874	162,191
	35–44	56,452	40,627	34,585	17,577	15,052	3,439	3,106	3,619	174,457
	45–54	63,170	47,253	37,770	18,471	16,671	3,869	3,625	2,592	193,421
	55–64	75,249	59,119	40,845	18,519	18,320	4,670	4,259	3,028	224,009
	65–74	111,154	78,606	43,776	24,552	27,038	6,528	3,436	1,711	296,801
	75 and over	86,015	55,807	32,377	18,088	25,369	5,508	1,823	428	225,415
	Unknown	0	28	0	0	6	1	0	8	43
<i>Total</i>		<i>583,098</i>	<i>404,254</i>	<i>300,956</i>	<i>155,591</i>	<i>152,690</i>	<i>34,382</i>	<i>25,560</i>	<i>20,564</i>	<i>1,677,095</i>
Persons(a)	Under 1	48,927	26,651	23,481	13,740	7,959	2,191	2,649	2,690	128,288
	1–4	54,500	30,763	29,881	16,002	17,154	2,648	2,561	3,153	156,662
	5–14	61,038	37,056	33,711	19,222	18,291	3,177	2,799	2,454	177,748
	15–24	115,340	80,519	77,919	35,742	30,558	8,212	5,766	5,870	359,926
	25–34	169,731	132,337	97,228	51,760	44,960	10,031	9,042	8,840	523,929
	35–44	133,905	100,187	73,766	41,916	34,844	7,717	8,017	8,205	408,557
	45–54	128,876	96,944	71,262	37,395	33,844	7,883	6,954	5,390	388,548
	55–64	142,558	105,833	72,736	35,419	34,948	8,401	7,370	5,156	412,421
	65–74	205,321	139,411	81,831	45,071	49,652	11,393	7,292	3,263	543,234
	75 and over	195,926	123,744	70,171	40,959	51,659	10,786	4,378	973	498,596
	Unknown	4	60	2	0	15	1	0	15	97
Total separations		1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

(a) Includes separations for which sex was not reported as male or female.

Table 4.2: Separations by age group and sex, private hospitals, States and Territories, 1995–96

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Females	Under 1	4,075	1,783	1,933	843	321	521	609	n.a.	10,085
	1–4	2,636	2,265	2,801	967	1,032	468	99	n.a.	10,268
	5–14	5,492	5,048	4,295	1,688	1,707	929	201	n.a.	19,360
	15–24	25,438	17,020	13,484	7,427	5,379	3,072	861	n.a.	72,681
	25–34	48,002	40,862	31,298	12,483	11,972	5,489	1,693	n.a.	151,799
	35–44	43,736	35,893	28,210	10,816	11,116	4,636	1,380	n.a.	135,787
	45–54	40,960	35,026	27,943	9,689	11,772	4,249	1,129	n.a.	130,768
	55–64	32,317	28,820	23,143	6,815	8,715	3,191	677	n.a.	103,678
	65–74	37,841	35,669	28,972	6,628	11,141	3,793	671	n.a.	124,715
	75 and over	32,963	39,082	29,683	6,620	15,628	3,736	553	n.a.	128,265
	Unknown	11	0	2	0	30	2	0	n.a.	45
Total		273,471	241,468	191,764	63,976	78,813	30,086	7,873	n.a.	887,451
Males	Under 1	4,914	2,875	2,806	1,305	401	691	622	n.a.	13,614
	1–4	4,376	3,865	4,227	1,387	1,565	806	173	n.a.	16,399
	5–14	6,456	5,801	5,390	1,872	2,111	1,162	237	n.a.	23,029
	15–24	14,067	12,108	8,850	3,648	4,284	1,659	632	n.a.	45,248
	25–34	18,757	15,465	10,709	4,293	5,534	2,041	588	n.a.	57,387
	35–44	25,934	20,438	15,347	5,876	6,916	2,661	711	n.a.	77,883
	45–54	34,557	27,610	23,613	7,518	10,045	3,342	856	n.a.	107,541
	55–64	34,096	29,064	23,949	7,634	9,176	3,170	744	n.a.	107,833
	65–74	41,740	37,240	35,453	9,024	11,316	4,144	950	n.a.	139,867
	75 and over	26,847	27,403	27,789	7,436	8,617	3,056	438	n.a.	101,586
	Unknown	0	0	0	0	20	0	0	n.a.	20
Total		211,744	181,869	158,133	49,993	59,985	22,732	5,951	n.a.	690,407
Persons(a)	Under 1	8,990	4,659	4,742	2,148	722	1,212	1,231	n.a.	23,704
	1–4	7,012	6,130	7,028	2,354	2,597	1,274	272	n.a.	26,667
	5–14	11,948	10,849	9,685	3,560	3,820	2,091	438	n.a.	42,391
	15–24	39,509	29,130	22,334	11,075	9,664	4,731	1,493	n.a.	117,936
	25–34	66,765	56,330	42,009	16,776	17,512	7,530	2,281	n.a.	209,203
	35–44	69,678	56,335	43,559	16,692	18,038	7,297	2,091	n.a.	213,690
	45–54	75,520	62,640	51,556	17,207	21,822	7,591	1,985	n.a.	238,321
	55–64	66,414	57,884	47,092	14,449	17,894	6,361	1,421	n.a.	211,515
	65–74	79,581	72,909	64,426	15,652	22,457	7,937	1,621	n.a.	264,583
	75 and over	59,810	66,485	57,472	14,056	24,247	6,792	991	n.a.	229,853
	Unknown	13	0	3	0	50	2	0	n.a.	68
Total separations		485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

(a) Includes separations for which sex was not reported as male or female.

Table 4.3: Patient days by age group and sex, public hospitals, States and Territories, 1995–96

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total	
Females	Under 1	109,118	68,567	54,375	30,261	21,770	5,487	6,858	10,906	307,342	
	1–4	45,753	22,830	26,265	14,911	14,449	2,104	2,257	8,250	136,819	
	5–14	66,239	35,802	33,568	19,847	16,579	3,594	2,789	4,073	182,491	
	15–24	241,449	143,543	137,616	77,155	55,981	17,463	11,686	14,480	699,373	
	25–34	413,292	281,938	193,764	118,473	102,200	24,384	20,388	19,076	1,173,515	
	35–44	289,445	168,967	132,464	81,918	72,669	15,327	14,409	12,998	788,197	
	45–54	270,063	140,720	108,313	62,961	66,018	37,563	11,325	9,166	706,129	
	55–64	331,403	176,947	127,673	67,618	61,123	20,829	12,975	7,350	805,918	
	65–74	677,779	322,451	218,292	112,908	138,032	37,071	17,759	5,451	1,529,743	
	75 and over	1,349,127	653,657	460,032	214,919	294,218	99,156	27,237	4,180	3,102,526	
	Unknown	14	48	12	0	30	0	0	76	180	
	<i>Total</i>		<i>3,793,682</i>	<i>2,015,470</i>	<i>1,492,374</i>	<i>800,971</i>	<i>843,069</i>	<i>262,978</i>	<i>127,683</i>	<i>96,006</i>	<i>9,432,233</i>
	Males	Under 1	137,260	87,924	66,491	39,125	28,776	7,045	8,251	12,224	387,096
1–4		66,426	34,168	34,291	21,732	19,847	3,042	3,604	11,093	194,203	
5–14		84,925	45,862	42,250	25,834	22,491	4,666	3,423	4,858	234,309	
15–24		171,367	82,291	84,465	54,026	36,085	9,142	7,128	7,944	452,448	
25–34		230,865	105,054	99,989	69,211	56,853	17,892	8,750	10,325	598,939	
35–44		240,186	114,490	109,477	78,499	55,634	28,619	9,062	11,170	647,137	
45–54		297,517	159,482	140,033	65,339	62,746	20,797	10,683	10,628	767,225	
55–64		387,845	214,360	168,836	85,900	72,884	52,405	14,649	10,016	1,006,895	
65–74		695,241	363,717	249,958	117,876	166,259	41,765	18,823	6,724	1,660,363	
75 and over		867,934	436,549	281,253	141,917	202,861	54,950	19,899	4,852	2,010,215	
Unknown		0	61	0	0	38	4	0	27	130	
<i>Total</i>			<i>3,179,566</i>	<i>1,643,958</i>	<i>1,277,043</i>	<i>699,459</i>	<i>724,474</i>	<i>240,327</i>	<i>104,272</i>	<i>89,861</i>	<i>7,958,960</i>
Persons(a)		Under 1	246,378	156,532	120,869	69,408	50,546	12,532	15,132	23,139	694,536
	1–4	112,179	56,998	60,560	36,643	34,296	5,146	5,861	19,343	331,026	
	5–14	151,164	81,664	75,818	45,681	39,071	8,261	6,212	8,931	416,802	
	15–24	412,816	225,835	222,081	131,181	92,070	26,606	18,814	22,424	1,151,827	
	25–34	644,157	386,998	293,753	187,684	159,054	42,276	29,138	29,401	1,772,461	
	35–44	529,631	283,459	241,941	160,417	128,309	43,946	23,471	24,168	1,435,342	
	45–54	567,580	300,202	248,346	128,300	128,765	58,360	22,010	19,794	1,473,357	
	55–64	719,248	391,307	296,509	153,518	134,007	73,234	27,624	17,366	1,812,813	
	65–74	1,373,020	686,168	468,250	230,784	304,291	78,836	36,582	12,175	3,190,106	
	75 and over	2,217,063	1,090,206	741,285	356,865	497,079	154,106	47,136	9,032	5,112,772	
	Unknown	14	109	12	0	68	4	0	103	310	
	Total patient days		6,973,250	3,659,478	2,769,424	1,500,481	1,567,556	503,307	231,980	185,876	17,391,352

(a) Includes patient days for which sex was not reported as male or female.

Table 4.4: Patient days by age group and sex, private hospitals, States and Territories, 1995–96

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Females	Under 1	21,930	9,091	12,497	4,931	1,741	2,244	3,103	n.a.	55,537
	1–4	4,567	2,648	3,867	1,237	1,188	601	101	n.a.	14,209
	5–14	11,566	7,347	7,349	4,136	2,167	1,413	227	n.a.	34,205
	15–24	52,006	39,939	34,726	15,860	11,998	7,244	1,617	n.a.	163,390
	25–34	147,530	141,091	110,875	44,184	41,720	17,359	6,680	n.a.	509,439
	35–44	118,706	101,658	92,876	37,616	37,695	13,665	4,565	n.a.	406,781
	45–54	111,301	100,981	77,732	30,653	40,461	13,191	3,279	n.a.	377,598
	55–64	93,827	90,474	79,774	24,193	32,683	11,050	2,311	n.a.	334,312
	65–74	151,320	158,332	145,887	33,800	54,014	20,194	3,207	n.a.	566,754
	75 and over	231,039	342,578	317,841	53,232	132,776	25,797	4,354	n.a.	1,107,617
	Unknown	11	0	2	0	96	8	0	n.a.	117
	Total		943,803	994,139	883,426	249,842	356,539	112,766	29,444	n.a.	3,569,959
Males	Under 1	24,294	10,630	13,923	7,088	1,821	2,432	3,180	n.a.	63,368
	1–4	7,266	4,507	5,587	2,094	1,679	973	174	n.a.	22,280
	5–14	11,767	8,746	14,378	2,442	2,621	1,650	274	n.a.	41,878
	15–24	26,439	38,267	19,287	6,524	8,331	3,154	943	n.a.	102,945
	25–34	37,594	36,093	27,669	8,134	11,727	4,135	1,051	n.a.	126,403
	35–44	56,533	47,313	36,100	13,520	15,890	5,705	1,476	n.a.	176,537
	45–54	85,564	69,236	71,130	21,062	25,684	9,109	1,841	n.a.	283,626
	55–64	91,347	84,771	73,081	23,782	28,334	10,110	2,290	n.a.	313,715
	65–74	142,556	142,638	166,735	44,800	43,769	18,227	4,057	n.a.	562,782
	75 and over	132,350	168,356	198,406	54,626	55,581	19,057	2,628	n.a.	631,004
	Unknown	0	0	0	0	33	0	0	n.a.	33
	Total		615,710	610,557	626,296	184,072	195,470	74,552	17,914	n.a.	2,324,571
Persons(a)	Under 1	46,232	19,722	26,423	12,019	3,562	4,676	6,283	n.a.	118,917
	1–4	11,833	7,155	9,454	3,331	2,867	1,574	275	n.a.	36,489
	5–14	23,333	16,093	21,727	6,578	4,790	3,063	501	n.a.	76,085
	15–24	78,470	78,217	54,013	22,384	20,330	10,398	2,560	n.a.	266,372
	25–34	185,166	177,217	138,546	52,318	53,453	21,494	7,731	n.a.	635,925
	35–44	175,287	149,020	128,978	51,136	53,599	19,370	6,041	n.a.	583,431
	45–54	196,886	170,249	148,862	51,715	66,159	22,300	5,120	n.a.	661,291
	55–64	185,180	175,245	152,855	47,975	61,020	21,160	4,601	n.a.	648,036
	65–74	293,876	300,970	312,626	78,600	97,783	38,421	7,264	n.a.	1,129,540
	75 and over	363,389	510,934	516,247	107,858	188,359	44,854	6,982	n.a.	1,738,623
	Unknown	22	0	5	0	129	8	0	n.a.	164
	Total patient days		1,559,674	1,604,822	1,509,736	433,914	552,051	187,318	47,358	n.a.	5,894,873

(a) Includes patient days for which sex was not reported as male or female.

Table 4.5: Separations by reported Indigenous status and hospital sector, States and Territories, 1995–96

Hospital sector and Indigenous status	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Public hospitals									
Aboriginal or Torres Strait Islander	25,340	5,400	34,816	26,957	9,465	270	317	25,257	127,822
Other	1,230,786	868,102	574,754	310,269	314,419	72,170	56,511	20,752	3,447,763
Not reported	0	3	22,418	0	0	0	0	0	22,421
<i>Total</i>	<i>1,256,126</i>	<i>873,505</i>	<i>631,988</i>	<i>337,226</i>	<i>323,884</i>	<i>72,440</i>	<i>56,828</i>	<i>46,009</i>	<i>3,598,006</i>
Private hospitals									
Aboriginal or Torres Strait Islander	1,712	559	6,832	178	233	16	9	n.a.	9,539
Other	483,528	422,780	184,670	113,791	138,590	32,365	13,815	n.a.	1,389,539
Not reported	0	12	158,404	0	0	20,437	0	n.a.	178,853
<i>Total</i>	<i>485,240</i>	<i>423,351</i>	<i>349,906</i>	<i>113,969</i>	<i>138,823</i>	<i>52,818</i>	<i>13,824</i>	<i>n.a.</i>	<i>1,577,931</i>
All hospitals(a)									
Aboriginal or Torres Strait Islander	27,052	5,959	41,648	27,135	9,698	286	326	25,257	137,361
Other	1,714,314	1,290,882	759,424	424,060	453,009	104,535	70,326	20,752	4,837,302
Not reported	0	15	180,822	0	0	20,437	0	0	201,274
Total	1,741,366	1,296,856	981,894	451,195	462,707	125,258	70,652	46,009	5,175,937
Separations for Aboriginal or Torres Strait Islanders									
per 1,000 Aboriginal or Torres Strait Islander population(b)	331	299	509	554	509	27	166	530	440

(a) Public hospitals only in the Northern Territory.

(b) Source for Indigenous population: ABS Cat. No. 3231.0.

Source: Experimental Projections, Aboriginal and Torres Strait Islander Population: ABS Catalogue No. 3231.0

5. Principal diagnoses of admitted patients

Introduction

The principal diagnosis is defined as the diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in hospital. A principal diagnosis should be recorded for each episode of patient care.

The tables and figures in this chapter use the information on the principal diagnosis reported for each separation using ICD-9-CM codes. The tables include the numerical codes and abbreviated descriptions of the categories. Full descriptions are available from the Australian edition of ICD-9-CM, implemented in July 1995 (National Coding Centre 1995).

Information in this chapter is presented using three methods of grouping records based on the ICD-9-CM principal diagnosis code. Tables and figures using the first two methods incorporate all separations, while those using the third do not:

- ICD-9-CM chapters—these 18 groups provide information aggregated at the ICD-9-CM chapter level (Figures 5.1 and 5.2);
- ICD-9-CM diagnosis groups—these groupings were chosen to provide more detailed information than ICD-9-CM chapter headings, but still at a manageable level (Tables 5.1 to 5.8, 5.10 and 5.11). Note that these groups vary slightly from those used in previous *Hospital Utilisation and Costs Study* reports (for example, Cook 1996);
- 3-digit ICD-9-CM codes that accounted for the highest numbers of separations in the public and private sectors—this method provides information at a level enabling analysis of more specific diagnoses rather than groups of diagnoses (Tables 5.13 to 5.20 and Tables D1 and D2 on the diskette). Information in the National Hospital Morbidity Database includes even finer detail (that is, at the 4- or 5-digit code level as detailed in ICD-9-CM).

Tables are presented with summary national separation, patient day and length of stay statistics for public and private hospitals. In addition, the data are presented by State and Territory and by age group and sex. Also, Table 5.9 presents summary statistics for groups of diagnoses in the National Health Priority Areas. Table 5.12 presents data on the number of diagnoses reported for each separation, and thus on the data supplied on additional diagnoses as well as the principal diagnosis.

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 Victoria, predominantly for private hospitals or public psychiatric hospitals.

Highlights

National

Figures 5.1 and 5.2 provide a summary by principal diagnosis (using ICD-9-CM chapters) of separations from Australian hospitals during 1995–96. Comparing males and females in the public sector, males had higher proportions of separations for *Diseases of the circulatory system*, and *Injury and poisoning*. Females dominated *Diseases of the genitourinary system* and, of course, the obstetric group (*Complications of pregnancy, childbirth, and the puerperium*). In the private sector, males again had higher proportions of separations for *Diseases of the circulatory system*, while females quite markedly dominated *Diseases of the genitourinary system*.

Ignoring the diverse categories that make up the *Other reasons for contact* group, the group with the highest number of separations in the public sector was *Diseases of the digestive system*, followed by the obstetric group and *Injury and poisoning*. In the private sector, *Diseases of the digestive system* had the largest number of separations, followed by *Diseases of the musculoskeletal system and connective tissue* and *Neoplasms*.

For the public and private sectors combined, the two groups with the most separations mirrored those in the public system (*Diseases of the digestive system* and the obstetric group). *Diseases of the circulatory system* had the third largest number of separations overall.

Sector

Tables 5.1 and 5.2 summarise the results presented in this chapter. In the public sector (Table 5.1), *Mental disorders* (290–319) stands out as a high volume group (7.9 separations per 1,000 population), for its high use of beds (128 patient days per 1,000 population) and for the longest average length of stay of these groups (17 days). Care must be taken when comparing these results to those presented in *Australian Hospital Statistics, 1993–95: An Overview* (Australian Institute of Health and Welfare 1997a) because public psychiatric hospitals are included in the scope of the 1995–96 report for the first time.

Other high utilisation diagnosis groups included *Ischaemic heart disease* (410–414), *Other indications regarding pregnancy, labour and delivery* (650–669) and *Diseases of the musculoskeletal system and connective tissue* (710–739). It should be noted, however, that the rankings of these disease groups do depend to some degree on the chosen groups of diagnosis codes.

The groups with the highest proportion of Australian hospital admissions occurring in the public sector were *Poisonings and toxic effects* (960–989) and *Human immunodeficiency virus infection* (042) (derived from Tables 5.1 and 5.2). The groups with the highest proportion of Australian hospital admissions occurring in the private sector were *Disorders of the oral cavity, salivary glands and jaws* (520–529) and *Disorders of the eye and adnexa* (360–379).

States and Territories

Tables 5.3 to 5.6 contain extensive detail on the pattern of hospital use in the States and Territories for the diagnosis groups, in both the public and private sector. These tables enable State by State comparisons of overall hospital use for the different diagnosis groups, and the share of admissions between the private and public sector, for example.

Age and sex

In Tables 5.7 and 5.8, information on the number of separations by age group and diagnosis groups is presented. Due to sex-specific differences in the age group distributions, results are

presented for males and females separately. These tables show a number of different patterns in the age structure of separations for the various disease groups. For example, patients admitted for *Intestinal infectious diseases* (001–009) were mostly in the younger age groups, while the opposite was the case for cancers. Other groups of diseases had large numbers of admissions for both the very young and the very old—for example, *Acute respiratory infections* (460–466); and others had a peak in the middle age groups—*Poisonings and toxic effects* (960–989) and the obstetric cases (630–677).

National Health Priority Areas

The National Health Priority Areas initiative, run jointly by the Commonwealth and the State and Territory governments, focuses on the areas that contribute most significantly to Australia's burden of illness (Australian Institute of Health and Welfare and Commonwealth Department of Health and Family Services 1997). Particular attention is on those areas where there is potential for the level of illness to be significantly reduced. The priority areas are cardiovascular health, cancer control, injury prevention and control, mental health and diabetes.

Table 5.9 provides information on hospital separations relevant to these priority areas. The priority areas are not defined using ICD-9-CM codes, so diagnoses encompassing broad definitions of cardiovascular disease, cancer, injury and poisoning, mental disorders and diabetes are included in the table. Detail is also provided to enable more specifically defined diagnoses to be distinguished.

A number of the priority area diseases are risk factors for hospitalisation for many other conditions. However, only separations for which the principal diagnosis corresponded with one of the priority areas have been included in the table. The Database also includes separations for patients with these conditions reported only as additional diagnoses—these cases are not included in this table.

Given the focus on prevention, the information for the injury prevention and control area is presented by the cause of the injury and poisoning (external cause). Individual records were selected for inclusion in this group if the principal diagnosis fell into the injury and poisoning category (ICD-9-CM codes 800–999). These records were then grouped together based on the reported external cause. There is overlap with the injury and poisoning information presented in this table and the information presented in chapter 7, where records are included if an external cause code was supplied (regardless of whether it corresponded to a principal or other diagnosis). A large proportion of the separations in chapter 7 which are not included in this chapter is accounted for by events that may occur as a result of the hospital stay, for example, *Misadventure during or due to medical care* (E870–E878). Only 50% of separations with a recorded external cause in this group had a principal diagnosis of injury or poisoning.

The separations included in this table accounted for 24% of the total for 1995–96.

Cardiovascular disease accounted for the majority of these separations, followed closely by *Injury and poisoning*.

Public patients

In public hospitals during 1995–96, around 83% of separations were for public patients (Table 5.10). The remainder were mainly private patients and Department of Veterans' Affairs patients. Separations for patients with a principal diagnosis of *Human immunodeficiency virus infection* (042) were most frequently reported to be for public patients. The lowest proportions of public patients were reported for *Disorders of eye and adnexa* (360–379). Among the States and Territories, the Northern Territory had the highest overall proportion of public patient separations in public hospitals (95%), while New South Wales had the lowest (80%).

Table 5.11 provides information on patient days in public hospitals by principal diagnosis and State and Territory. A similar pattern was found for the proportion of public patient days as was observed for separations. However, Tasmania had the lowest proportion of public patient days in public hospitals.

Number of diagnosis codes

The National Hospital Morbidity Database contains data items for principal diagnosis and additional diagnoses. Additional diagnoses include comorbidities (co-existing conditions) and/or complications. These factors may result in 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.

Table 5.12 presents information on the number of diagnosis codes (principal and additional) contained in the National Hospital Morbidity Database. Although there are differences among the States and Territories in the number of diagnosis codes supplied to the Institute, it is not known whether these differences are due to differing clinical patterns or differing administrative systems. However, as there are marked differences between the States and Territories in the maximum number of diagnoses supplied (for example, in the public sector, 10 diagnoses in New South Wales and 21 diagnoses in South Australia), it is reasonable to assume that there are some limitations imposed on the number of diagnosis codes supplied to the Institute which may be restricting the level of detail available in some records.

Of interest is the differences between the public and private sectors in the number of supplied diagnoses—in the public sector there was an average of 2.8 diagnosis codes per case, while in the private sector this figure was 2.2. There were also differences between the sectors in the proportion of cases with a particular number of diagnoses. For example, in the public sector over 16% of records had five or more diagnosis codes, but in the private sector only 8% of records fell into this category. This may have been due to more complicated cases being treated in public hospitals, or differences in coding practices between the public and private sectors.

High volume diagnoses

The remaining tables present information on the most common principal diagnoses (at the 3-digit level of ICD-9-CM codes) in Australian hospitals. Tables 5.13 and 5.14 contain summary results for the 30 diagnoses with the most separations in public and private hospitals. Similar information for the top 200 diagnosis groups is supplied on the diskette accompanying this report (Tables D1 and D2).

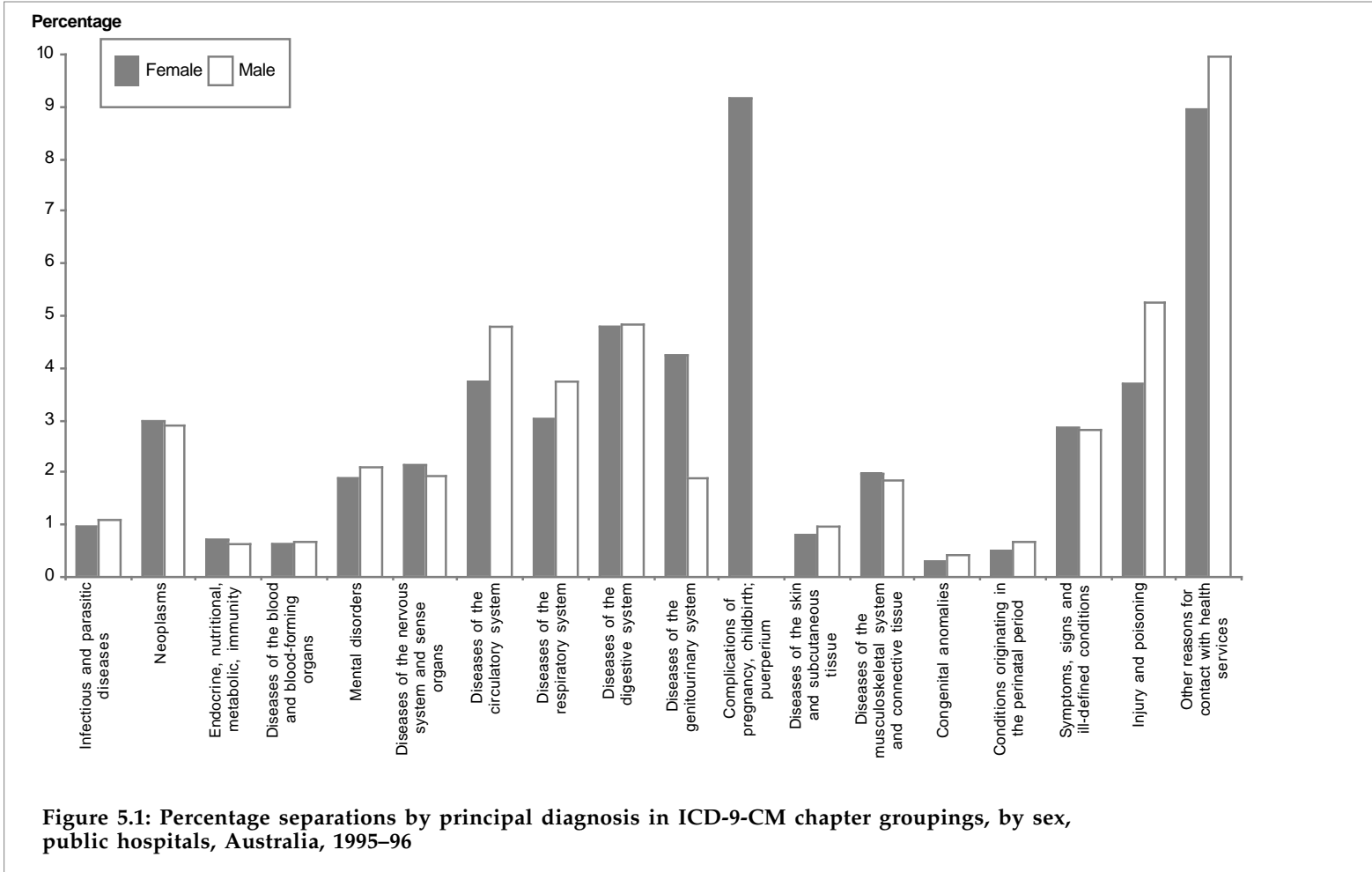
In the public sector, the most common principal diagnosis groups were *Encounter for dialysis* (V56) and *Encounter for other and unspecified procedures and aftercare* (V58—84% of which were for chemotherapy). For both of these, the corresponding average length of stay was relatively short. In contrast, the third most common diagnosis group—*Care involving use of rehabilitation procedures* (V57)—had a much longer average length of stay. In fact this group accounted for the largest number of patient days in the public sector (see rankings in the final column of Table 5.13). The next most common reason for admission in the public sector was for *Asthma* (493).

In contrast, the most frequent principal diagnosis in the private sector was *Cataract* (366), with the second most frequent again being *Encounter for other and unspecified procedures and aftercare* (V58—86% of which were for chemotherapy). Again the principal diagnosis with the largest number of patient days was *Care involving use of rehabilitation procedures* (V57).

There was some variation between the States and Territories in the relative number of separations for the most common diagnoses (Tables 5.15 and 5.16). Notably, in the public

sector, Queensland had a high number of separations with a principal diagnosis of *Follow-up examination* (V67) and Western Australia had a relatively large number of separations for *Affective psychoses* (296).

Information on the age and sex distribution of these separations is presented in Tables 5.19 and 5.20.



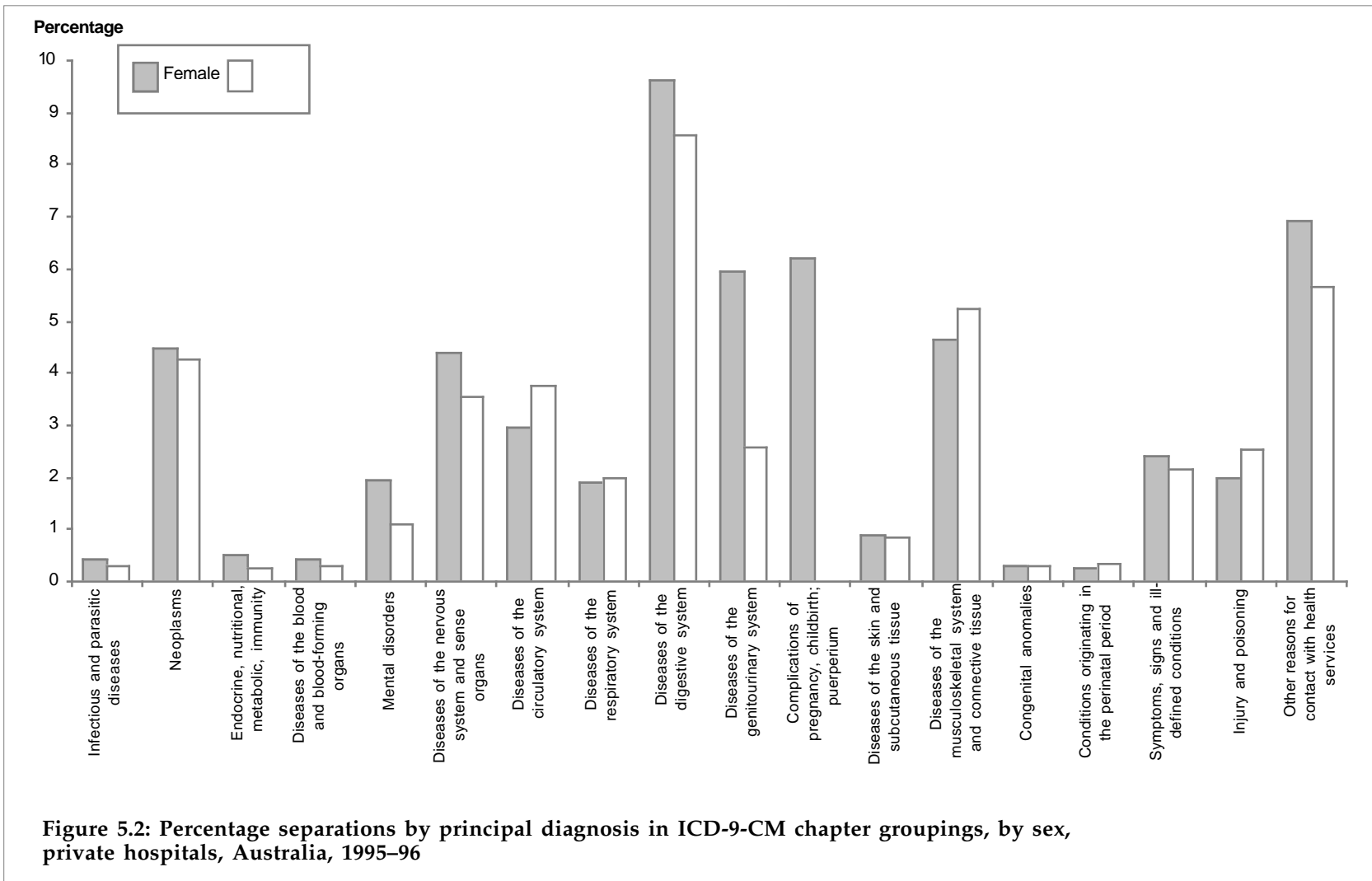


Table 5.1: Separation, same day separation, patient day and average length of stay statistics by principal diagnosis in ICD-9-CM groupings, public hospitals, Australia, 1995–96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
001–009 Intestinal infectious diseases	28,285	3,680	13.0	1.6	74,145	4.1	2.6	2.9
010–018 Tuberculosis	944	194	20.6	0.1	11,826	0.7	12.5	15.5
020–041 Other bacterial diseases	9,216	886	9.6	0.5	82,099	4.5	8.9	9.7
042 Human immunodeficiency virus infection	374	185	49.5	<0.1	3,142	0.2	8.4	15.6
045–079 Viral & chlamydial diseases	28,626	11,153	39.0	1.6	76,827	4.2	2.7	3.8
080–139 Other & late effects of infectious & parasitic diseases	6,269	2,131	34.0	0.3	32,291	1.8	5.2	7.3
140–149 Mal. neoplasm—lip, oral cavity & pharynx	3,647	638	17.5	0.2	33,420	1.8	9.2	10.9
150–159 Mal. neoplasm—digestive organs & peritoneum	22,099	4,224	19.1	1.2	234,452	12.9	10.6	12.9
160–165 Mal. neoplasm—respiratory & intrathoracic organs	14,803	2,619	17.7	0.8	123,581	6.8	8.3	9.9
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	38,540	19,470	50.5	2.1	141,428	7.8	3.7	6.4
179–189 Mal. neoplasm—genitourinary organs	23,587	4,891	20.7	1.3	154,266	8.5	6.5	8.0
190–199 Mal. neoplasm—other & unspecified sites	30,236	4,051	13.4	1.7	267,412	14.7	8.8	10.1
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	21,430	9,282	43.3	1.2	134,979	7.4	6.3	10.3
210–229 Benign neoplasm	42,205	24,028	56.9	2.3	117,484	6.5	2.8	5.1
230–234 Carcinoma in situ	8,899	5,967	67.1	0.5	18,481	1.0	2.1	4.3
235–239 Other neoplasms	6,314	3,292	52.1	0.3	26,663	1.5	4.2	7.7
240–259 Diseases of thyroid and other endocrine glands	25,495	3,706	14.5	1.4	176,063	9.7	6.9	7.9
260–279 Nutritional def. & other metabolic, immunity disorders	23,177	9,885	42.7	1.3	114,325	6.3	4.9	7.9
280–289 Diseases of the blood & blood forming organs	45,687	24,663	54.0	2.5	125,670	6.9	2.8	4.8
290–319 Mental disorders	143,673	35,101	24.4	7.9	2,326,236	128.1	16.9	22.2
320–359 Diseases & disorders of the nervous system	57,081	19,181	33.6	3.1	494,146	27.2	8.7	12.5
360–379 Disorders of eye & adnexa	57,792	30,039	52.0	3.2	103,553	5.7	1.8	2.6
380–389 Diseases of ear & mastoid process	31,947	17,773	55.6	1.8	55,724	3.1	1.7	2.7
390–398 Rheumatic fever & rheumatic heart disease	1,500	197	13.1	0.1	11,277	0.6	7.5	8.5
401–405 Hypertensive disease	6,448	737	11.4	0.4	43,801	2.4	6.8	7.5
410–414 Ischaemic heart disease	117,196	15,639	13.3	6.5	617,517	34.0	5.3	5.9
415–417 Diseases of pulmonary circulation	4,978	275	5.5	0.3	43,012	2.4	8.6	9.1
420–429 Other forms of heart disease	74,637	10,089	13.5	4.1	498,552	27.4	6.7	7.6
430–438 Cerebrovascular disease	41,400	3,515	8.5	2.3	518,121	28.5	12.5	13.6
440–459 Other diseases of the circulatory system	60,543	14,911	24.6	3.3	350,372	19.3	5.8	7.4
460–466 Acute respiratory infections	44,271	6,167	13.9	2.4	120,088	6.6	2.7	3.0
470–478 Other diseases of upper respiratory tract	40,951	5,425	13.2	2.3	67,549	3.7	1.6	1.7
480–487 Pneumonia and influenza	42,338	1,911	4.5	2.3	302,636	16.7	7.1	7.4

(continued)

Table 5.1 (continued): Separation, same day separation, patient day and average length of stay statistics by principal diagnosis in ICD-9-CM groupings, public hospitals, Australia, 1995–96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
490–496 Chronic obstructive pulmonary disease & allied	84,300	8,061	9.6	4.6	413,442	22.8	4.9	5.3
500–519 Other diseases of the respiratory system	32,117	4,041	12.6	1.8	241,110	13.3	7.5	8.4
520–529 Diseases of the oral cavity, salivary glands & jaws	31,540	23,704	75.2	1.7	44,738	2.5	1.4	2.7
530–537 Diseases of oesophagus, stomach & duodenum	87,213	61,086	70.0	4.8	191,470	10.5	2.2	5.0
540–543 Appendicitis	18,119	560	3.1	1.0	65,421	3.6	3.6	3.7
550–553 Hernia of abdominal cavity	38,639	10,927	28.3	2.1	102,229	5.6	2.6	3.3
555–558 Noninfectious enteritis & colitis	28,303	10,623	37.5	1.6	99,289	5.5	3.5	5.0
560–569 Other diseases of intestines, peritoneum	69,597	29,913	43.0	3.8	260,366	14.3	3.7	5.8
570–579 Other diseases of digestive system	72,605	15,116	20.8	4.0	325,052	17.9	4.5	5.4
580–599 Diseases of the urinary system	74,468	21,297	28.6	4.1	312,518	17.2	4.2	5.5
600–608 Diseases of male genital organs	29,434	9,741	33.1	1.6	90,306	5.0	3.1	4.1
610–611 Disorders of the breast	10,086	5,772	57.2	0.6	15,873	0.9	1.6	2.3
614–629 Dis. & disorders of female pelvic organs & genital tract	108,007	62,805	58.1	5.9	242,842	13.4	2.2	4.0
630–639 Pregnancy with abortive outcome	48,033	28,807	60.0	2.6	61,779	3.4	1.3	1.7
640–648 Complications mainly related to pregnancy	108,770	23,945	22.0	6.0	371,711	20.5	3.4	4.1
650–669 Other indications re. pregnancy, labour & delivery	167,237	9,442	5.6	9.2	673,851	37.1	4.0	4.2
670–677 Complications of the puerperium	5,985	783	13.1	0.3	22,215	1.2	3.7	4.1
680–709 Diseases of the skin & subcutaneous tissue	63,687	22,333	35.1	3.5	346,284	19.1	5.4	7.8
710–739 Diseases of the musculoskeletal system & conn. tissue	137,934	44,424	32.2	7.6	703,917	38.7	5.1	7.1
740–759 Congenital anomalies	25,563	9,358	36.6	1.4	116,609	6.4	4.6	6.6
760–779 Certain conditions originating in perinatal period	41,770	3,232	7.7	2.3	380,932	21.0	9.1	9.8
780–799 Symptoms, signs & ill-defined conditions	205,417	66,426	32.3	11.3	628,319	34.6	3.1	4.0
800–848 Fractures, dislocations, sprains & strains	124,249	26,287	21.2	6.8	697,308	38.4	5.6	6.8
850–904 Open wounds, intracranial, internal, blood vessel injury	70,666	23,154	32.8	3.9	207,597	11.4	2.9	3.9
905–959 Late effects, burns, superficial & other injuries	38,674	11,402	29.5	2.1	138,098	7.6	3.6	4.6
960–989 Poisoning, toxic effects	35,010	10,421	29.8	1.9	77,396	4.3	2.2	2.7
990–995 Other & unspecified effects of external causes	6,417	2,372	37.0	0.4	15,896	0.9	2.5	3.3
996–999 Complications of surgical & medical care nec	47,997	8,201	17.1	2.6	326,473	18.0	6.8	8.0
V00–V19 Contact re. communicable dis., personal, family history	9,777	9,049	92.6	0.5	11,607	0.6	1.2	3.5
V20–V39 Contact re. reproduction; liveborn infants	46,957	25,357	54.0	2.6	96,721	5.3	2.1	3.3
V40–V59 Contact re. condition, specific procedures or aftercare	554,779	496,789	89.5	30.5	1,548,881	85.3	2.8	18.1
V60–V82 Contact for other reasons	68,474	38,973	56.9	3.8	944,601	52.0	13.8	30.8
Not reported	1,594	233	14.6	0.1	115,363	6.4	136.5	163.9
Total	3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	7.4

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.2: Separation, same day separation, patient day and average length of stay statistics by principal diagnosis in ICD-9-CM groupings, private hospitals, Australia, 1995–96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
001–009 Intestinal infectious diseases	2,744	266	9.7	0.2	8,644	0.5	3.2	3.4
010–018 Tuberculosis	89	26	29.2	<0.1	713	<0.1	8.0	10.9
020–041 Other bacterial diseases	1,377	211	15.3	0.1	11,206	0.6	8.1	9.4
042 Human immunodeficiency virus infection	30	3	10.0	<0.1	476	<0.1	15.9	17.5
045–079 Viral & chlamydial diseases	5,520	2,811	50.9	0.3	18,765	1.0	3.4	5.9
080–139 Other & late effects of infectious & parasitic diseases	1,166	608	52.1	0.1	4,772	0.3	4.1	7.5
140–149 Mal. neoplasm—lip, oral cavity & pharynx	1,188	325	27.4	0.1	7,237	0.4	6.1	8.0
150–159 Mal. neoplasm—digestive organs & peritoneum	12,605	4,357	34.6	0.7	103,646	5.8	8.2	12.0
160–165 Mal. neoplasm—respiratory & intrathoracic organs	4,037	643	15.9	0.2	34,281	1.9	8.5	9.9
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	34,360	19,665	57.2	1.9	93,781	5.2	2.7	5.0
179–189 Mal. neoplasm—genitourinary organs	16,275	4,461	27.4	0.9	82,003	4.6	5.0	6.6
190–199 Mal. neoplasm—other & unspecified sites	10,576	1,275	12.1	0.6	93,338	5.2	8.8	9.9
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	7,229	2,802	38.8	0.4	35,219	2.0	4.9	7.3
210–229 Benign neoplasm	42,442	28,645	67.5	2.4	93,566	5.2	2.2	4.7
230–234 Carcinoma in situ	5,258	3,320	63.1	0.3	11,737	0.7	2.2	4.3
235–239 Other neoplasms	3,488	2,059	59.0	0.2	11,648	0.6	3.3	6.7
240–259 Diseases of thyroid and other endocrine glands	5,931	512	8.6	0.3	42,467	2.4	7.2	7.7
260–279 Nutritional def. & other metabolic, immunity disorders	6,069	2,270	37.4	0.3	26,566	1.5	4.4	6.4
280–289 Diseases of the blood & blood forming organs	11,075	5,549	50.1	0.6	31,717	1.8	2.9	4.7
290–319 Mental disorders	48,225	22,456	46.6	2.7	535,681	29.8	11.1	19.9
320–359 Diseases & disorders of the nervous system	23,172	9,998	43.1	1.3	139,196	7.7	6.0	9.8
360–379 Disorders of eye & adnexa	77,731	44,414	57.1	4.3	113,820	6.3	1.5	2.1
380–389 Diseases of ear & mastoid process	24,145	17,539	72.6	1.3	33,895	1.9	1.4	2.5
390–398 Rheumatic fever & rheumatic heart disease	420	105	25.0	<0.1	3,093	0.2	7.4	9.5
401–405 Hypertensive disease	1,997	104	5.2	0.1	19,831	1.1	9.9	10.4
410–414 Ischaemic heart disease	35,540	5,488	15.4	2.0	186,441	10.4	5.2	6.0
415–417 Diseases of pulmonary circulation	1,071	34	3.2	0.1	10,365	0.6	9.7	10.0
420–429 Other forms of heart disease	17,905	1,876	10.5	1.0	143,658	8.0	8.0	8.8
430–438 Cerebrovascular disease	9,893	297	3.0	0.5	123,019	6.8	12.4	12.8
440–459 Other diseases of the circulatory system	39,263	13,265	33.8	2.2	153,380	8.5	3.9	5.4
460–466 Acute respiratory infections	4,252	420	9.9	0.2	20,132	1.1	4.7	5.1
470–478 Other diseases of upper respiratory tract	33,977	4,970	14.6	1.9	50,577	2.8	1.5	1.6
480–487 Pneumonia and influenza	6,891	190	2.8	0.4	63,797	3.5	9.3	9.5

(continued)

Table 5.2 (continued): Separation, same day separation, patient day and average length of stay statistics by principal diagnosis in ICD-9-CM groupings, private hospitals, Australia, 1995–96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
490–496 Chronic obstructive pulmonary disease & allied	11,367	615	5.4	0.6	100,333	5.6	8.8	9.3
500–519 Other diseases of the respiratory system	5,234	561	10.7	0.3	43,802	2.4	8.4	9.3
520–529 Diseases of the oral cavity, salivary glands & jaws	53,403	35,792	67.0	3.0	61,690	3.4	1.2	1.5
530–537 Diseases of oesophagus, stomach & duodenum	85,904	79,328	92.3	4.8	117,299	6.5	1.4	5.8
540–543 Appendicitis	4,761	82	1.7	0.3	17,568	1.0	3.7	3.7
550–553 Hernia of abdominal cavity	32,742	9,612	29.4	1.8	82,316	4.6	2.5	3.1
555–558 Noninfectious enteritis & colitis	15,838	11,205	70.7	0.9	39,247	2.2	2.5	6.1
560–569 Other diseases of intestines, peritoneum	65,896	48,904	74.2	3.7	144,941	8.1	2.2	5.7
570–579 Other diseases of digestive system	27,792	8,145	29.3	1.5	98,367	5.5	3.5	4.6
580–599 Diseases of the urinary system	34,976	16,846	48.2	1.9	101,519	5.6	2.9	4.7
600–608 Diseases of male genital organs	20,480	7,672	37.5	1.1	59,974	3.3	2.9	4.1
610–611 Disorders of the breast	9,681	5,066	52.3	0.5	16,481	0.9	1.7	2.5
614–629 Dis. & disorders of female pelvic organs & genital tract	69,370	40,690	58.7	3.9	175,166	9.7	2.5	4.7
630–639 Pregnancy with abortive outcome	29,949	26,682	89.1	1.7	36,155	2.0	1.2	2.9
640–648 Complications mainly related to pregnancy	18,564	3,075	16.6	1.0	91,923	5.1	5.0	5.7
650–669 Other indications re. pregnancy, labour & delivery	47,802	1,423	3.0	2.7	288,412	16.0	6.0	6.2
670–676 Complications of the puerperium	1,856	462	24.9	0.1	7,169	0.4	3.9	4.8
680–709 Diseases of the skin & subcutaneous tissue	27,407	15,206	55.5	1.5	108,548	6.0	4.0	7.7
710–739 Diseases of the musculoskeletal system & conn. tissue	156,191	52,306	33.5	8.7	676,643	37.6	4.3	6.0
740–759 Congenital anomalies	9,743	4,330	44.4	0.5	25,322	1.4	2.6	3.9
760–779 Certain conditions originating in perinatal period	9,383	606	6.5	0.5	61,887	3.4	6.6	7.0
780–799 Symptoms, signs & ill-defined conditions	71,907	32,730	45.5	4.0	182,922	10.2	2.5	3.8
800–848 Fractures, dislocations, sprains & strains	34,990	9,043	25.8	1.9	192,811	10.7	5.5	7.1
850–904 Open wounds, intracranial, internal, blood vessel injury	8,883	3,437	38.7	0.5	28,110	1.6	3.2	4.5
905–959 Late effects, burns, superficial & other injuries	7,571	2,982	39.4	0.4	32,852	1.8	4.3	6.5
960–989 Poisoning, toxic effects	1,313	188	14.3	0.1	5,215	0.3	4.0	4.5
990–995 Other & unspecified effects of external causes	612	131	21.4	<0.1	2,601	0.1	4.3	5.1
996–999 Complications of surgical & medical care nec	17,615	2,383	13.5	1.0	121,738	6.8	6.9	7.8
V00–V19 Contact re. communicable dis., personal, family history	9,949	9,609	96.6	0.6	11,218	0.6	1.1	4.7
V20–V39 Contact re. reproduction; liveborn infants	39,708	26,098	65.7	2.2	88,568	4.9	2.2	4.6
V40–V59 Contact re. condition, specific procedures or aftercare	120,086	92,233	76.8	6.7	443,782	24.7	3.7	12.6
V60–V82 Contact for other reasons	28,833	22,218	77.1	1.6	108,903	6.1	3.8	13.1
Not reported	2,184	1,169	53.5	0.1	12,724	0.7	5.8	11.4
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	6.4

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.3: Separations by principal diagnosis in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	10,890	4,290	5,224	2,799	3,081	373	477	1,151	28,285
010–018 Tuberculosis	373	266	141	57	49	9	6	43	944
020–041 Other bacterial diseases	3,313	2,418	1,587	796	664	162	116	160	9,216
042 Human immunodeficiency virus infection	109	50	47	16	139	4	6	3	374
045–079 Viral & chlamydial diseases	11,950	5,506	4,795	2,735	2,553	497	342	248	28,626
080–139 Other & late effects of infectious & parasitic diseases	2,353	1,228	1,136	750	459	60	60	223	6,269
140–149 Mal. neoplasm—lip, oral cavity & pharynx	1,332	905	720	247	315	68	41	19	3,647
150–159 Mal. neoplasm—digestive organs & peritoneum	8,681	5,431	3,534	1,611	2,011	463	285	83	22,099
160–165 Mal. neoplasm—respiratory & intrathoracic organs	5,181	3,450	2,777	1,184	1,596	384	173	58	14,803
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	13,298	8,342	8,690	3,291	3,381	618	720	200	38,540
179–189 Mal. neoplasm—genitourinary organs	8,437	6,158	3,518	1,979	2,524	619	278	74	23,587
190–199 Mal. neoplasm—other & unspecified sites	11,193	8,163	4,867	2,436	2,411	693	365	108	30,236
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	6,895	5,927	3,742	1,860	2,294	325	350	37	21,430
210–229 Benign neoplasm	15,109	10,532	6,935	4,393	3,270	849	838	279	42,205
230–234 Carcinoma in situ	2,999	2,060	1,921	630	895	161	119	114	8,899
235–239 Other neoplasms	2,023	1,356	1,419	717	502	143	131	23	6,314
240–259 Diseases of thyroid and other endocrine glands	8,606	6,331	4,090	2,721	2,617	527	332	271	25,495
260–279 Nutritional def. & other metabolic, immunity disorders	6,969	5,737	3,912	2,548	2,954	365	349	343	23,177
280–289 Diseases of the blood & blood forming organs	16,201	13,330	5,427	3,917	4,695	1,042	769	306	45,687
290–319 Mental disorders	51,475	26,652	27,075	19,530	13,594	2,926	1,440	981	143,673
320–359 Diseases & disorders of the nervous system	19,494	14,935	9,517	6,120	4,722	976	917	400	57,081
360–379 Disorders of eye & adnexa	21,234	16,350	8,150	5,574	5,155	396	460	473	57,792
380–389 Diseases of ear & mastoid process	9,567	8,275	5,291	3,666	3,809	413	574	352	31,947
390–398 Rheumatic fever & rheumatic heart disease	469	241	345	199	117	34	12	83	1,500
401–405 Hypertensive disease	2,698	1,191	1,096	608	641	110	59	45	6,448
410–414 Ischaemic heart disease	44,451	28,130	18,789	9,665	10,825	3,028	1,853	455	117,196
415–417 Diseases of pulmonary circulation	2,291	976	804	307	378	89	96	37	4,978
420–429 Other forms of heart disease	28,227	18,305	12,564	6,092	6,696	1,470	881	402	74,637
430–438 Cerebrovascular disease	15,988	10,575	6,265	3,249	3,878	846	395	204	41,400
440–459 Other diseases of the circulatory system	22,204	14,929	9,164	5,555	6,119	1,229	1,034	309	60,543
460–466 Acute respiratory infections	16,036	8,247	8,650	4,650	4,648	802	618	620	44,271
470–478 Other diseases of upper respiratory tract	12,905	12,527	5,369	3,991	4,578	566	709	306	40,951
480–487 Pneumonia and influenza	15,246	10,156	6,966	4,023	3,415	769	466	1,297	42,338

(continued)

Table 5.3 (continued): Separations by principal diagnosis in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	33,214	16,068	14,562	8,346	8,929	1,430	885	866	84,300
500–519 Other diseases of the respiratory system	10,672	9,617	4,717	2,880	3,045	505	286	395	32,117
520–529 Diseases of the oral cavity, salivary glands & jaws	8,806	7,974	5,896	3,571	3,285	831	723	454	31,540
530–537 Diseases of oesophagus, stomach & duodenum	31,344	22,006	13,555	9,150	7,119	1,675	1,553	811	87,213
540–543 Appendicitis	6,524	4,524	2,931	1,909	1,301	347	372	211	18,119
550–553 Hernia of abdominal cavity	13,794	9,962	6,930	3,250	3,260	661	525	257	38,639
555–558 Noninfectious enteritis & colitis	10,604	6,547	4,634	2,596	2,469	684	446	323	28,303
560–569 Other diseases of intestines, peritoneum	24,623	16,778	12,056	6,957	6,087	1,447	1,156	493	69,597
570–579 Other diseases of digestive system	27,250	17,222	12,349	6,342	6,360	1,450	1,055	577	72,605
580–599 Diseases of the urinary system	27,901	17,330	12,047	7,425	6,456	1,510	885	914	74,468
600–608 Diseases of male genital organs	10,498	8,046	3,965	2,841	2,703	707	388	286	29,434
610–611 Disorders of the breast	3,039	3,172	1,631	995	690	268	127	164	10,086
614–629 Dis. & disorders of female pelvic organs & genital tract	36,602	30,772	16,690	9,893	9,434	1,820	1,685	1,111	108,007
630–639 Pregnancy with abortive outcome	14,167	13,298	5,613	4,280	7,509	998	697	1,471	48,033
640–648 Complications mainly related to pregnancy	35,918	28,828	21,653	8,794	8,542	2,130	1,468	1,437	108,770
650–669 Other indications re. pregnancy, labour & delivery	59,839	38,915	31,114	16,105	12,194	3,678	2,927	2,465	167,237
670–677 Complications of the puerperium	1,766	1,712	1,229	544	487	96	61	90	5,985
680–709 Diseases of the skin & subcutaneous tissue	22,051	13,076	12,135	6,737	6,185	1,210	799	1,494	63,687
710–739 Diseases of the musculoskeletal system & conn. tissue	47,120	34,327	21,676	14,455	14,593	2,776	1,924	1,063	137,934
740–759 Congenital anomalies	9,028	6,513	4,192	2,739	2,046	455	381	209	25,563
760–779 Certain conditions originating in perinatal period	14,612	9,296	7,853	5,370	2,416	670	785	768	41,770
780–799 Symptoms, signs & ill-defined conditions	73,174	49,988	39,139	17,266	17,728	4,070	2,083	1,969	205,417
800–848 Fractures, dislocations, sprains & strains	45,390	26,110	24,449	11,770	10,320	2,442	1,861	1,907	124,249
850–904 Open wounds, intracranial, internal, blood vessel injury	22,577	12,982	18,485	7,835	5,781	1,120	621	1,265	70,666
905–959 Late effects, burns, superficial & other injuries	14,102	7,676	7,649	4,413	3,164	673	395	602	38,674
960–989 Poisoning, toxic effects	10,900	7,873	8,062	3,667	3,070	688	424	326	35,010
990–995 Other & unspecified effects of external causes	2,036	1,441	1,574	650	473	123	59	61	6,417
996–999 Complications of surgical & medical care nec	16,316	12,843	7,270	5,176	4,359	978	714	341	47,997
V00–V19 Contact re. communicable dis., personal, family history	3,541	2,569	1,640	854	472	489	155	57	9,777
V20–V39 Contact re. reproduction; liveborn infants	17,724	10,394	6,455	4,438	5,627	831	1,006	482	46,957
V40–V59 Contact re. condition, specific procedures or aftercare	180,829	150,987	93,488	43,863	46,330	12,037	14,415	12,830	554,779
V60–V82 Contact for other reasons	21,964	10,839	21,820	4,146	6,442	1,978	696	589	68,474
Not reported	4	851	2	53	23	647	0	14	1,594
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.4: Separations by principal diagnosis in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	457	622	1,130	152	208	167	8	n.a.	2,744
010–018 Tuberculosis	32	25	21	5	4	2	0	n.a.	89
020–041 Other bacterial diseases	286	401	426	84	121	52	7	n.a.	1,377
042 Human immunodeficiency virus infection	5	2	13	2	8	0	0	n.a.	30
045–079 Viral & chlamydial diseases	1,518	1,235	1,358	549	450	378	32	n.a.	5,520
080–139 Other & late effects of infectious & parasitic diseases	344	224	364	91	79	53	11	n.a.	1,166
140–149 Mal. neoplasm—lip, oral cavity & pharynx	311	271	330	110	118	36	12	n.a.	1,188
150–159 Mal. neoplasm—digestive organs & peritoneum	3,080	4,123	2,875	909	1,172	393	53	n.a.	12,605
160–165 Mal. neoplasm—respiratory & intrathoracic organs	534	1,234	1,262	427	448	111	21	n.a.	4,037
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	11,255	7,664	9,138	1,925	3,137	795	446	n.a.	34,360
179–189 Mal. neoplasm—genitourinary organs	4,517	4,755	3,477	1,332	1,326	656	212	n.a.	16,275
190–199 Mal. neoplasm—other & unspecified sites	1,804	3,396	2,848	937	1,274	269	48	n.a.	10,576
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	1,073	2,190	2,824	433	527	151	31	n.a.	7,229
210–229 Benign neoplasm	16,125	10,635	8,027	3,187	2,802	1,267	399	n.a.	42,442
230–234 Carcinoma in situ	1,988	1,002	1,131	311	577	179	70	n.a.	5,258
235–239 Other neoplasms	1,038	831	1,050	222	180	109	58	n.a.	3,488
240–259 Diseases of thyroid and other endocrine glands	1,255	1,652	1,784	353	608	248	31	n.a.	5,931
260–279 Nutritional def. & other metabolic, immunity disorders	1,408	1,695	1,701	501	607	123	34	n.a.	6,069
280–289 Diseases of the blood & blood forming organs	2,511	3,476	2,948	832	913	330	65	n.a.	11,075
290–319 Mental disorders	17,764	10,817	12,540	2,384	3,364	1,320	36	n.a.	48,225
320–359 Diseases & disorders of the nervous system	6,115	6,410	5,375	1,774	2,313	957	228	n.a.	23,172
360–379 Disorders of eye & adnexa	28,031	16,592	18,894	4,835	6,121	2,935	323	n.a.	77,731
380–389 Diseases of ear & mastoid process	6,049	6,318	5,286	2,038	3,364	847	243	n.a.	24,145
390–398 Rheumatic fever & rheumatic heart disease	134	129	103	21	27	6	0	n.a.	420
401–405 Hypertensive disease	336	429	796	85	273	74	4	n.a.	1,997
410–414 Ischaemic heart disease	11,363	10,082	7,806	2,100	3,153	998	38	n.a.	35,540
415–417 Diseases of pulmonary circulation	183	303	380	43	117	37	8	n.a.	1,071
420–429 Other forms of heart disease	3,493	6,055	4,649	1,010	2,035	615	48	n.a.	17,905
430–438 Cerebrovascular disease	1,564	3,227	2,981	486	1,222	387	26	n.a.	9,893
440–459 Other diseases of the circulatory system	12,732	10,096	7,806	3,117	3,714	1,505	293	n.a.	39,263
460–466 Acute respiratory infections	722	957	1,665	299	314	287	8	n.a.	4,252
470–478 Other diseases of upper respiratory tract	10,226	8,098	6,911	2,932	4,427	927	456	n.a.	33,977
480–487 Pneumonia and influenza	1,144	2,282	2,094	418	657	259	37	n.a.	6,891

(continued)

Table 5.4 (continued): Separations by principal diagnosis in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	1,568	2,999	3,997	902	1,287	561	53	n.a.	11,367
500–519 Other diseases of the respiratory system	783	1,789	1,443	437	505	239	38	n.a.	5,234
520–529 Diseases of the oral cavity, salivary glands & jaws	14,897	15,871	9,337	5,820	5,204	1,332	942	n.a.	53,403
530–537 Diseases of oesophagus, stomach & duodenum	31,673	24,633	16,688	5,314	5,317	2,108	171	n.a.	85,904
540–543 Appendicitis	1,103	1,264	1,306	413	423	227	25	n.a.	4,761
550–553 Hernia of abdominal cavity	10,594	9,287	7,232	2,118	2,194	940	377	n.a.	32,742
555–558 Noninfectious enteritis & colitis	4,719	4,566	3,772	1,065	1,136	524	56	n.a.	15,838
560–569 Other diseases of intestines, peritoneum	21,355	17,946	15,980	4,263	4,375	1,706	271	n.a.	65,896
570–579 Other diseases of digestive system	8,320	7,111	6,651	1,959	2,535	985	231	n.a.	27,792
580–599 Diseases of the urinary system	11,490	8,384	7,946	2,604	2,892	1,249	411	n.a.	34,976
600–608 Diseases of male genital organs	6,592	5,870	3,716	1,831	1,278	852	341	n.a.	20,480
610–611 Disorders of the breast	3,007	3,127	1,650	847	635	310	105	n.a.	9,681
614–629 Dis. & disorders of female pelvic organs & genital tract	22,665	17,592	14,137	5,375	5,933	2,699	969	n.a.	69,370
630–639 Pregnancy with abortive outcome	17,557	3,953	1,987	4,607	1,149	584	112	n.a.	29,949
640–648 Complications mainly related to pregnancy	4,410	5,259	4,634	1,411	1,481	1,104	265	n.a.	18,564
650–669 Other indications re. pregnancy, labour & delivery	12,113	13,174	10,967	4,133	4,151	2,314	950	n.a.	47,802
670–677 Complications of the puerperium	358	918	269	92	157	29	33	n.a.	1,856
680–709 Diseases of the skin & subcutaneous tissue	9,966	6,574	5,304	1,828	2,495	997	243	n.a.	27,407
710–739 Diseases of the musculoskeletal system & conn. tissue	46,403	40,799	26,775	14,914	19,557	5,815	1,928	n.a.	156,191
740–759 Congenital anomalies	3,309	2,276	2,136	611	700	512	199	n.a.	9,743
760–779 Certain conditions originating in perinatal period	2,703	2,395	1,779	1,145	532	252	577	n.a.	9,383
780–799 Symptoms, signs & ill-defined conditions	19,540	19,405	20,184	4,627	5,107	2,862	182	n.a.	71,907
800–848 Fractures, dislocations, sprains & strains	10,045	9,376	8,000	1,679	3,958	1,688	244	n.a.	34,990
850–904 Open wounds, intracranial, internal, blood vessel injury	1,657	2,318	2,641	564	947	733	23	n.a.	8,883
905–959 Late effects, burns, superficial & other injuries	1,712	1,821	2,270	407	739	587	35	n.a.	7,571
960–989 Poisoning, toxic effects	137	401	463	73	121	117	1	n.a.	1,313
990–995 Other & unspecified effects of external causes	135	150	180	39	68	34	6	n.a.	612
996–999 Complications of surgical & medical care nec	4,763	5,084	3,508	1,635	1,875	583	167	n.a.	17,615
V00–V19 Contact re. communicable dis., personal, family history	4,378	2,546	1,953	538	368	144	22	n.a.	9,949
V20–V39 Contact re. reproduction; liveborn infants	17,454	8,343	7,035	2,482	2,177	1,393	824	n.a.	39,708
V40–V59 Contact re. condition, specific procedures or aftercare	30,465	42,361	29,401	4,830	10,706	1,657	666	n.a.	120,086
V60–V82 Contact for other reasons	9,959	6,793	6,467	1,502	2,981	1,060	71	n.a.	28,833
Not reported	13	1,738	105	0	180	148	0	n.a.	2,184
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.5: Patient days by principal diagnosis in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	25,109	10,056	12,285	8,332	7,107	909	1,258	9,089	74,145
010–018 Tuberculosis	4,263	2,930	2,029	883	671	102	93	855	11,826
020–041 Other bacterial diseases	28,506	21,766	14,457	6,963	5,494	1,703	1,161	2,049	82,099
042 Human immunodeficiency virus infection	1,540	543	480	126	354	47	23	29	3,142
045–079 Viral & chlamydial diseases	31,010	16,161	12,708	7,562	6,237	1,207	1,166	776	76,827
080–139 Other & late effects of infectious & parasitic diseases	12,182	5,740	6,510	3,858	1,783	364	350	1,504	32,291
140–149 Mal. neoplasm—lip, oral cavity & pharynx	13,743	6,341	7,018	1,998	3,152	625	467	76	33,420
150–159 Mal. neoplasm—digestive organs & peritoneum	102,550	53,338	34,075	15,476	20,351	4,623	3,207	832	234,452
160–165 Mal. neoplasm—respiratory & intrathoracic organs	50,827	26,541	20,328	8,630	11,602	3,253	1,834	566	123,581
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	59,090	27,688	28,015	10,072	11,778	2,389	1,802	594	141,428
179–189 Mal. neoplasm—genitourinary organs	67,449	33,333	22,889	10,535	12,797	4,818	2,085	360	154,266
190–199 Mal. neoplasm—other & unspecified sites	104,341	70,583	40,483	19,618	19,618	7,627	4,249	893	267,412
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	52,350	32,470	21,977	10,877	11,836	2,626	2,660	183	134,979
210–229 Benign neoplasm	43,536	28,783	19,358	11,377	8,737	2,614	2,320	759	117,484
230–234 Carcinoma in situ	6,870	3,716	3,780	1,506	1,645	521	242	201	18,481
235–239 Other neoplasms	10,954	5,520	4,476	2,891	1,671	602	468	81	26,663
240–259 Diseases of thyroid and other endocrine glands	66,535	41,226	29,185	14,247	16,143	4,015	2,526	2,186	176,063
260–279 Nutritional def. & other metabolic, immunity disorders	37,300	26,224	20,938	10,994	12,412	2,011	1,497	2,949	114,325
280–289 Diseases of the blood & blood forming organs	48,617	31,173	16,331	11,500	11,491	3,365	1,895	1,298	125,670
290–319 Mental disorders	1,135,857	285,504	288,798	261,090	288,040	39,271	19,162	8,514	2,326,236
320–359 Diseases & disorders of the nervous system	215,351	91,608	114,340	33,290	21,039	10,634	4,182	3,702	494,146
360–379 Disorders of eye & adnexa	41,565	24,897	14,716	11,019	8,176	1,285	667	1,228	103,553
380–389 Diseases of ear & mastoid process	18,406	13,345	9,157	6,213	6,219	849	863	672	55,724
390–398 Rheumatic fever & rheumatic heart disease	3,808	1,591	2,663	1,507	848	258	19	583	11,277
401–405 Hypertensive disease	25,354	5,060	6,535	2,835	2,929	476	398	214	43,801
410–414 Ischaemic heart disease	254,112	136,773	99,080	48,644	51,312	17,178	8,076	2,342	617,517
415–417 Diseases of pulmonary circulation	21,021	7,936	6,208	2,501	3,128	1,057	873	288	43,012
420–429 Other forms of heart disease	210,482	109,568	79,831	37,718	40,198	12,676	5,498	2,581	498,552
430–438 Cerebrovascular disease	208,095	108,649	93,591	43,597	38,511	15,280	7,208	3,190	518,121
440–459 Other diseases of the circulatory system	144,204	77,997	53,877	28,561	30,587	8,408	5,520	1,218	350,372
460–466 Acute respiratory infections	44,206	18,526	27,963	11,646	11,482	2,073	1,647	2,545	120,088
470–478 Other diseases of upper respiratory tract	23,623	18,407	8,002	6,950	7,838	1,142	1,073	514	67,549
480–487 Pneumonia and influenza	110,109	79,291	45,961	25,782	23,166	7,117	3,559	7,651	302,636

(continued)

Table 5.5 (continued): Patient days by principal diagnosis in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	186,608	62,480	68,605	39,153	37,487	10,479	4,223	4,407	413,442
500–519 Other diseases of the respiratory system	77,723	87,749	30,162	17,130	20,152	3,579	2,279	2,336	241,110
520–529 Diseases of the oral cavity, salivary glands & jaws	13,671	10,121	8,384	5,536	4,316	1,044	943	723	44,738
530–537 Diseases of oesophagus, stomach & duodenum	75,323	44,279	29,334	17,957	16,106	3,874	3,003	1,594	191,470
540–543 Appendicitis	24,574	15,506	10,482	6,613	4,493	1,408	1,513	832	65,421
550–553 Hernia of abdominal cavity	41,426	22,709	15,827	9,215	9,010	2,086	1,411	545	102,229
555–558 Noninfectious enteritis & colitis	37,740	22,642	14,780	9,508	8,456	2,380	1,845	1,938	99,289
560–569 Other diseases of intestines, peritoneum	100,887	58,619	44,464	23,592	21,116	5,623	4,234	1,831	260,366
570–579 Other diseases of digestive system	131,130	72,495	52,615	27,564	26,317	6,941	5,052	2,938	325,052
580–599 Diseases of the urinary system	113,837	70,144	58,171	28,340	23,619	7,680	5,224	5,503	312,518
600–608 Diseases of male genital organs	35,014	22,726	12,205	7,663	7,812	2,266	1,843	777	90,306
610–611 Disorders of the breast	4,802	4,415	2,641	1,760	1,247	469	182	357	15,873
614–629 Dis. & disorders of female pelvic organs & genital tract	85,859	62,109	35,908	25,008	22,254	4,964	4,305	2,435	242,842
630–639 Pregnancy with abortive outcome	19,086	15,674	8,342	5,912	8,530	1,333	1,027	1,875	61,779
640–648 Complications mainly related to pregnancy	131,758	92,329	65,453	31,330	31,502	6,879	6,121	6,339	371,711
650–669 Other indications re. pregnancy, labour & delivery	239,692	161,168	119,537	66,592	47,844	15,642	11,818	11,558	673,851
670–677 Complications of the puerperium	6,892	5,891	3,926	2,075	2,392	405	268	366	22,215
680–709 Diseases of the skin & subcutaneous tissue	118,113	78,884	66,733	34,645	27,660	7,358	3,558	9,333	346,284
710–739 Diseases of the musculoskeletal system & conn. tissue	281,217	151,775	111,539	71,848	55,468	16,965	9,173	5,932	703,917
740–759 Congenital anomalies	47,683	26,093	20,770	9,741	7,554	1,783	1,831	1,154	116,609
760–779 Certain conditions originating in perinatal period	124,106	90,884	67,621	40,014	33,355	7,662	8,295	8,995	380,932
780–799 Symptoms, signs & ill-defined conditions	253,863	146,550	105,672	50,306	45,349	12,351	6,238	7,990	628,319
800–848 Fractures, dislocations, sprains & strains	254,423	145,486	139,435	67,104	46,993	19,915	11,398	12,554	697,308
850–904 Open wounds, intracranial, internal, blood vessel injury	68,693	35,858	50,233	22,181	14,727	4,556	3,005	8,344	207,597
905–959 Late effects, burns, superficial & other injuries	49,575	24,953	27,743	17,643	10,685	3,182	1,651	2,666	138,098
960–989 Poisoning, toxic effects	25,304	15,397	17,221	7,881	6,217	2,389	2,009	978	77,396
990–995 Other & unspecified effects of external causes	5,551	3,542	3,452	1,470	1,133	369	240	139	15,896
996–999 Complications of surgical & medical care nec	122,117	77,422	51,850	35,212	24,762	7,481	5,389	2,240	326,473
V00–V19 Contact re. communicable dis., personal, family history	4,722	2,716	1,850	977	565	535	163	79	11,607
V20–V39 Contact re. reproduction; liveborn infants	42,907	18,956	11,468	8,284	9,692	1,640	2,723	1,051	96,721
V40–V59 Contact re. condition, specific procedures or aftercare	605,806	504,272	169,243	106,876	107,266	18,327	22,685	14,406	1,548,881
V60–V82 Contact for other reasons	420,169	79,602	175,702	22,396	184,980	48,440	10,283	3,029	944,601
Not reported	14	2,748	12	157	145	112,177	0	110	115,363
Total	6,973,250	3,659,478	2,769,424	1,500,481	1,567,556	503,307	231,980	185,876	17,391,352

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.6: Patient days by principal diagnosis in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	1,306	2,306	3,130	678	763	416	45	n.a.	8,644
010–018 Tuberculosis	211	231	174	38	4	55	0	n.a.	713
020–041 Other bacterial diseases	1,660	3,467	3,735	732	1,046	525	41	n.a.	11,206
042 Human immunodeficiency virus infection	21	7	320	18	110	0	0	n.a.	476
045–079 Viral & chlamydial diseases	5,729	4,101	4,533	1,645	1,762	897	98	n.a.	18,765
080–139 Other & late effects of infectious & parasitic diseases	974	949	1,705	480	381	250	33	n.a.	4,772
140–149 Mal. neoplasm—lip, oral cavity & pharynx	2,102	1,087	2,564	760	611	90	23	n.a.	7,237
150–159 Mal. neoplasm—digestive organs & peritoneum	22,950	30,805	26,473	8,883	10,354	3,610	571	n.a.	103,646
160–165 Mal. neoplasm—respiratory & intrathoracic organs	5,697	8,828	11,277	3,914	3,372	1,106	87	n.a.	34,281
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	30,283	21,349	22,681	7,751	8,290	2,273	1,154	n.a.	93,781
179–189 Mal. neoplasm—genitourinary organs	22,093	22,266	18,768	6,908	6,863	3,970	1,135	n.a.	82,003
190–199 Mal. neoplasm—other & unspecified sites	18,229	27,728	24,454	9,599	10,800	2,106	422	n.a.	93,338
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	6,502	10,935	11,039	2,599	3,018	907	219	n.a.	35,219
210–229 Benign neoplasm	32,248	23,009	18,219	8,235	7,010	3,731	1,114	n.a.	93,566
230–234 Carcinoma in situ	4,132	2,461	2,252	943	1,238	555	156	n.a.	11,737
235–239 Other neoplasms	3,278	2,771	3,749	712	691	345	102	n.a.	11,648
240–259 Diseases of thyroid and other endocrine glands	8,354	11,013	14,495	2,528	4,440	1,456	181	n.a.	42,467
260–279 Nutritional def. & other metabolic, immunity disorders	5,353	7,177	7,078	3,307	2,871	669	111	n.a.	26,566
280–289 Diseases of the blood & blood forming organs	6,267	9,182	9,193	2,627	3,222	1,037	189	n.a.	31,717
290–319 Mental disorders	160,096	106,411	164,010	37,900	57,350	9,425	489	n.a.	535,681
320–359 Diseases & disorders of the nervous system	24,833	23,768	71,357	6,722	8,605	3,263	648	n.a.	139,196
360–379 Disorders of eye & adnexa	37,940	21,646	33,027	7,992	8,609	4,088	518	n.a.	113,820
380–389 Diseases of ear & mastoid process	9,092	8,627	7,212	2,882	4,617	1,158	307	n.a.	33,895
390–398 Rheumatic fever & rheumatic heart disease	857	888	1,003	161	171	13	0	n.a.	3,093
401–405 Hypertensive disease	2,531	2,679	12,349	490	1,374	385	23	n.a.	19,831
410–414 Ischaemic heart disease	48,814	56,511	48,509	10,270	17,635	4,520	182	n.a.	186,441
415–417 Diseases of pulmonary circulation	1,819	3,131	3,529	426	1,072	328	60	n.a.	10,365
420–429 Other forms of heart disease	25,620	46,943	45,428	8,103	13,023	3,987	554	n.a.	143,658
430–438 Cerebrovascular disease	20,798	32,104	47,558	6,318	11,242	4,668	331	n.a.	123,019
440–459 Other diseases of the circulatory system	40,472	40,478	36,771	13,350	14,910	6,512	887	n.a.	153,380
460–466 Acute respiratory infections	3,141	4,725	7,575	2,277	1,554	824	36	n.a.	20,132
470–478 Other diseases of upper respiratory tract	15,052	12,305	8,950	4,634	7,520	1,530	586	n.a.	50,577
480–487 Pneumonia and influenza	10,769	21,518	17,995	4,433	6,060	2,678	344	n.a.	63,797

(continued)

Table 5.6 (continued): Patient days by principal diagnosis in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	14,765	23,861	36,455	9,619	9,919	5,215	499	n.a.	100,333
500–519 Other diseases of the respiratory system	6,278	15,871	11,702	4,236	3,887	1,485	343	n.a.	43,802
520–529 Diseases of the oral cavity, salivary glands & jaws	17,259	17,474	10,233	7,596	6,497	1,576	1,055	n.a.	61,690
530–537 Diseases of oesophagus, stomach & duodenum	37,371	31,581	26,938	9,713	8,160	3,257	279	n.a.	117,299
540–543 Appendicitis	3,861	4,797	4,805	1,480	1,649	857	119	n.a.	17,568
550–553 Hernia of abdominal cavity	27,757	21,192	16,456	6,635	6,934	2,349	993	n.a.	82,316
555–558 Noninfectious enteritis & colitis	9,024	11,783	10,587	2,578	3,691	1,374	210	n.a.	39,247
560–569 Other diseases of intestines, peritoneum	36,502	38,867	40,001	11,482	12,744	4,458	887	n.a.	144,941
570–579 Other diseases of digestive system	26,693	25,634	25,053	6,737	9,767	3,586	897	n.a.	98,367
580–599 Diseases of the urinary system	26,472	26,209	27,763	7,441	8,530	3,989	1,115	n.a.	101,519
600–608 Diseases of male genital organs	18,653	15,518	12,557	4,561	4,559	3,059	1,067	n.a.	59,974
610–611 Disorders of the breast	5,949	4,570	2,512	1,521	1,269	484	176	n.a.	16,481
614–629 Dis. & disorders of female pelvic organs & genital tract	56,703	40,683	33,687	15,284	18,780	7,401	2,628	n.a.	175,166
630–639 Pregnancy with abortive outcome	20,274	4,302	2,924	6,458	1,325	729	143	n.a.	36,155
640–648 Complications mainly related to pregnancy	23,834	27,786	20,926	7,429	6,629	4,043	1,276	n.a.	91,923
650–669 Other indications re. pregnancy, labour & delivery	71,619	83,446	66,350	26,458	23,762	10,967	5,810	n.a.	288,412
670–677 Complications of the puerperium	1,710	3,006	1,120	349	688	100	196	n.a.	7,169
680–709 Diseases of the skin & subcutaneous tissue	30,182	30,711	24,316	7,858	10,674	4,117	690	n.a.	108,548
710–739 Diseases of the musculoskeletal system & conn. tissue	191,511	175,704	146,683	61,418	69,075	24,754	7,498	n.a.	676,643
740–759 Congenital anomalies	9,961	5,303	5,147	1,664	1,569	1,042	636	n.a.	25,322
760–779 Certain conditions originating in perinatal period	16,910	13,226	15,648	8,453	2,727	1,583	3,340	n.a.	61,887
780–799 Symptoms, signs & ill-defined conditions	35,879	49,501	61,492	12,548	16,338	6,558	606	n.a.	182,922
800–848 Fractures, dislocations, sprains & strains	39,630	51,496	66,228	8,590	18,389	7,586	892	n.a.	192,811
850–904 Open wounds, intracranial, internal, blood vessel injury	5,546	8,878	7,883	1,379	2,695	1,701	28	n.a.	28,110
905–959 Late effects, burns, superficial & other injuries	7,687	8,781	9,921	1,714	3,316	1,340	93	n.a.	32,852
960–989 Poisoning, toxic effects	677	1,816	1,807	385	315	214	1	n.a.	5,215
990–995 Other & unspecified effects of external causes	762	653	580	267	234	89	16	n.a.	2,601
996–999 Complications of surgical & medical care nec	30,765	36,913	24,798	12,117	12,131	3,986	1,028	n.a.	121,738
V00–V19 Contact re. communicable dis., personal, family history	4,833	2,620	2,126	972	484	157	26	n.a.	11,218
V20–V39 Contact re. reproduction; liveborn infants	51,268	10,257	12,466	4,643	3,720	3,442	2,772	n.a.	88,568
V40–V59 Contact re. condition, specific procedures or aftercare	130,434	205,353	59,668	9,313	34,038	3,710	1,266	n.a.	443,782
V60–V82 Contact for other reasons	19,660	25,588	29,500	4,701	25,191	4,136	127	n.a.	108,903
Not reported	22	10,036	292	0	1,777	597	0	n.a.	12,724
Total	1,559,674	1,604,822	1,509,736	433,914	552,051	187,318	47,358	n.a.	5,894,873

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.7: Separations for males by age group and principal diagnosis in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
001–009 Intestinal infectious diseases	3,032	6,848	2,078	716	675	437	410	303	401	446	15,347
010–018 Tuberculosis	4	46	17	38	100	80	73	71	87	74	590
020–041 Other bacterial diseases	380	371	272	280	375	534	457	684	1,032	1,300	5,685
042 Human immunodeficiency virus infection	0	0	0	12	132	118	69	30	24	0	385
045–079 Viral & chlamydial diseases	1,361	2,323	2,039	2,158	3,249	2,690	1,499	827	688	552	17,386
080–139 Other & late effects of infectious & parasitic diseases	224	179	225	314	935	1,130	583	426	300	236	4,552
140–149 Mal. neoplasm—lip, oral cavity & pharynx	3	3	39	31	96	234	623	889	1,050	481	3,449
150–159 Mal. neoplasm—digestive organs & peritoneum	19	68	48	22	138	609	2,143	4,498	7,230	5,549	20,324
160–165 Mal. neoplasm—respiratory & intrathoracic organs	3	19	36	26	49	288	1,327	3,141	5,449	3,052	13,390
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	13	147	268	429	906	2,100	3,924	5,621	10,016	10,234	33,660
179–189 Mal. neoplasm—genitourinary organs	14	127	54	285	483	567	1,438	4,467	9,417	9,535	26,387
190–199 Mal. neoplasm—other & unspecified sites	114	510	497	282	636	1,040	2,451	4,134	5,919	4,279	19,862
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	38	435	1,008	758	1,112	1,596	2,719	2,969	3,887	2,216	16,738
210–229 Benign neoplasm	221	627	1,481	1,425	2,137	3,426	5,166	5,847	6,299	2,787	29,416
230–234 Carcinoma in situ	0	2	6	9	35	126	323	591	1,028	877	2,997
235–239 Other neoplasms	18	53	77	102	219	266	640	918	1,501	1,333	5,127
240–259 Diseases of thyroid and other endocrine glands	46	241	904	907	1,061	1,473	1,829	2,205	2,741	2,164	13,571
260–279 Nutritional def. & other metabolic, immunity disorders	419	824	1,401	1,056	1,169	1,828	1,856	1,738	1,986	1,753	14,030
280–289 Diseases of the blood & blood forming organs	230	1,241	2,342	2,146	2,089	1,820	2,202	2,978	5,994	7,134	28,176
290–319 Mental disorders	152	397	4,504	13,785	19,214	17,289	14,313	6,599	8,103	9,237	93,609
320–359 Diseases & disorders of the nervous system	630	1,518	2,127	2,674	4,421	5,554	5,308	4,396	5,058	4,656	36,342
360–379 Disorders of eye & adnexa	518	1,921	1,527	1,058	1,778	2,439	3,929	6,867	16,747	21,762	58,551
380–389 Diseases of ear & mastoid process	1,244	11,758	9,104	915	1,258	1,615	1,547	1,298	1,322	830	30,893
390–398 Rheumatic fever & rheumatic heart disease	0	4	75	55	62	70	84	129	144	105	728
401–405 Hypertensive disease	23	17	53	75	148	302	572	661	710	560	3,121
410–414 Ischaemic heart disease	0	6	5	43	602	5,347	17,410	25,735	32,271	18,138	99,557
415–417 Diseases of pulmonary circulation	32	0	4	37	108	242	354	512	694	593	2,576
420–429 Other forms of heart disease	157	96	205	698	1,380	2,227	4,573	7,803	14,646	17,246	49,031
430–438 Cerebrovascular disease	34	30	48	140	266	681	1,833	3,972	8,862	10,518	26,384
440–459 Other diseases of the circulatory system	47	106	226	1,175	3,419	6,288	8,168	8,808	12,586	9,066	49,889
460–466 Acute respiratory infections	9,287	10,315	3,094	1,207	767	517	422	506	690	1,015	27,820
470–478 Other diseases of upper respiratory tract	177	5,633	9,555	5,244	5,084	4,569	4,081	2,808	2,081	554	39,786
480–487 Pneumonia and influenza	1,113	3,044	1,418	878	1,380	1,689	1,796	2,664	5,064	7,945	26,991

(continued)

Table 5.7 (continued): Separations for males by age group and principal diagnosis in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
490–496 Chronic obstructive pulmonary disease & allied	1,476	11,481	8,171	2,096	1,233	1,241	2,019	4,237	9,509	9,225	50,689
500–519 Other diseases of the respiratory system	610	980	446	1,136	1,150	1,165	1,753	2,789	5,365	5,683	21,077
520–529 Diseases of the oral cavity, salivary glands & jaws	74	3,328	5,055	12,105	6,306	3,030	2,199	1,532	1,153	462	35,244
530–537 Diseases of oesophagus, stomach & duodenum	1,754	762	1,058	3,669	9,184	13,373	16,774	15,443	16,717	9,817	88,553
540–543 Appendicitis	3	92	3,044	3,635	2,286	1,453	768	388	306	134	12,109
550–553 Hernia of abdominal cavity	1,776	2,051	1,633	2,258	3,902	6,326	9,138	9,094	9,825	5,743	51,746
555–558 Noninfectious enteritis & colitis	480	1,020	671	2,061	3,058	2,756	2,577	2,006	2,189	1,862	18,680
560–569 Other diseases of intestines, peritoneum	621	1,021	1,544	1,505	4,206	6,998	10,894	11,457	13,549	9,266	61,063
570–579 Other diseases of digestive system	159	229	317	1,150	3,463	6,368	7,861	7,425	8,401	5,825	41,198
580–599 Diseases of the urinary system	1,173	1,156	1,383	1,776	3,881	6,383	9,419	9,939	12,463	10,435	58,008
600–608 Diseases of male genital organs	816	3,420	4,445	2,259	2,326	2,634	4,230	8,488	12,965	8,330	49,913
610–611 Disorders of the breast	7	5	81	503	330	184	188	143	148	102	1,691
614–629 Dis. & disorders of female pelvic organs & genital tract	..	..	..	..	..	..	..	..	..	..	..
630–677 Complications of pregnancy, childbirth & puerperium	..	..	..	..	..	..	..	..	..	..	..
680–709 Diseases of the skin & subcutaneous tissue	704	1,822	3,424	6,782	6,444	5,806	5,662	5,341	6,130	5,440	47,559
710–739 Diseases of the musculoskeletal system & conn. tissue	186	1,078	3,865	15,510	23,839	25,441	23,937	21,007	21,320	13,367	149,553
740–759 Congenital anomalies	5,672	5,721	4,399	1,276	869	681	505	362	355	224	20,064
760–779 Certain conditions originating in perinatal period	28,527	202	74	7	4	4	3	1	1	0	28,824
780–799 Symptoms, signs & ill-defined conditions	7,273	8,003	6,202	6,859	11,897	17,460	22,061	19,533	20,419	16,237	135,950
800–848 Fractures, dislocations, sprains & strains	256	2,660	15,278	22,061	16,365	11,014	7,708	5,067	4,569	6,362	91,342
850–904 Open wounds, intracranial, internal, blood vessel injury	340	3,864	7,715	14,742	10,711	6,806	4,747	2,833	2,031	1,970	55,761
905–959 Late effects, burns, superficial & other injuries	420	2,335	3,134	5,745	5,140	3,672	2,635	1,646	1,382	1,644	27,755
960–989 Poisoning, toxic effects	154	2,071	793	3,412	3,774	2,777	1,596	719	542	382	16,223
990–995 Other & unspecified effects of external causes	127	340	255	569	652	479	398	273	414	277	3,784
996–999 Complications of surgical & medical care nec	289	817	1,339	2,335	2,929	3,274	4,152	5,573	7,908	5,879	34,495
V00–V19 Contact re. communicable dis., personal, family history	141	219	285	248	881	2,012	2,430	1,607	1,213	451	9,487
V20–V39 Contact re. reproduction; liveborn infants	9,056	40	5	90	5,002	8,341	1,592	142	9	4	24,284
V40–V59 Contact re. condition, specific procedures or aftercare	5,442	5,099	7,799	17,661	29,643	38,732	54,906	71,537	92,231	39,827	362,877
V60–V82 Contact for other reasons	1,098	1,153	965	2,128	4,349	4,506	6,440	7,922	11,235	11,523	51,320
Not reported	65	17	34	192	271	233	248	243	292	303	1,903
Total	88,252	109,895	128,151	172,750	219,578	252,340	300,962	331,842	436,668	327,001	2,367,502

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

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.8: Separations for females by age group and principal diagnosis in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
001–009 Intestinal infectious diseases	2,621	6,218	1,912	1,064	931	523	453	463	573	924	15,682
010–018 Tuberculosis	0	9	7	66	82	76	37	43	68	55	443
020–041 Other bacterial diseases	370	346	236	218	273	297	413	485	857	1,413	4,908
042 Human immunodeficiency virus infection	0	0	0	2	13	3	1	0	0	0	19
045–079 Viral & chlamydial diseases	1,030	2,031	1,925	3,843	2,606	1,750	1,095	697	752	1,030	16,759
080–139 Other & late effects of infectious & parasitic diseases	223	148	193	316	370	410	362	318	317	226	2,883
140–149 Mal. neoplasm—lip, oral cavity & pharynx	0	2	22	18	36	90	204	314	356	344	1,386
150–159 Mal. neoplasm—digestive organs & peritoneum	10	64	2	28	147	513	1,462	2,542	4,457	5,154	14,380
160–165 Mal. neoplasm—respiratory & intrathoracic organs	4	22	23	8	53	166	810	1,118	1,964	1,282	5,450
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	24	113	360	491	1,389	4,254	7,457	6,880	8,332	9,938	39,240
179–189 Mal. neoplasm—genitourinary organs	1	74	53	147	430	1,015	1,936	2,681	3,765	3,373	13,475
190–199 Mal. neoplasm—other & unspecified sites	32	309	241	287	792	2,130	3,828	4,254	5,049	4,027	20,950
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	42	452	511	638	714	971	1,754	2,052	2,553	2,233	11,920
210–229 Benign neoplasm	227	648	1,589	3,364	6,008	12,554	14,599	6,953	6,038	3,249	55,230
230–234 Carcinoma in situ	2	1	2	1,109	2,821	2,106	1,487	1,192	1,267	1,172	11,159
235–239 Other neoplasms	12	25	82	182	287	407	613	612	1,007	1,448	4,675
240–259 Diseases of thyroid and other endocrine glands	74	204	1,000	1,567	2,044	2,107	2,457	2,358	2,932	3,108	17,852
260–279 Nutritional def. & other metabolic, immunity disorders	321	689	1,123	1,288	1,739	2,062	1,968	1,728	1,880	2,418	15,216
280–289 Diseases of the blood & blood forming organs	112	849	1,557	2,369	1,984	2,598	2,976	2,739	5,179	8,223	28,586
290–319 Mental disorders	131	187	2,086	13,151	19,434	20,498	14,622	6,866	8,617	12,646	98,255
320–349 Diseases & disorders of the nervous system	437	1,097	2,176	3,100	5,811	7,951	8,027	4,953	4,954	5,404	43,911
360–379 Disorders of eye & adnexa	435	1,874	1,386	1,030	1,434	2,124	3,456	6,722	21,155	37,349	76,971
380–389 Diseases of ear & mastoid process	814	7,559	6,694	1,020	1,399	1,670	1,679	1,477	1,449	1,437	25,199
390–398 Rheumatic fever & rheumatic heart disease	3	3	64	46	99	110	171	243	275	178	1,192
401–405 Hypertensive disease	5	4	44	71	165	349	719	870	1,329	1,768	5,324
410–414 Ischaemic heart disease	1	1	2	17	160	1,279	4,611	9,507	17,825	19,775	53,179
415–417 Diseases of pulmonary circulation	25	7	13	68	274	281	456	561	858	930	3,473
420–429 Other forms of heart disease	118	109	203	501	839	1,410	2,460	4,479	10,638	22,754	43,511
430–438 Cerebrovascular disease	16	19	33	103	314	610	1,275	2,327	6,073	14,138	24,909
440–459 Other diseases of the circulatory system	27	73	101	1,075	4,495	7,914	8,826	7,455	9,702	10,249	49,917
460–466 Acute respiratory infections	6,089	5,775	1,899	1,707	1,130	679	604	538	784	1,498	20,703
470–478 Other diseases of upper respiratory tract	126	3,641	9,456	7,675	4,359	3,390	2,755	1,981	1,245	514	35,142
480–487 Pneumonia and influenza	731	2,386	1,143	825	1,369	1,356	1,561	1,998	3,437	7,430	22,238

(continued)

Table 5.8 (continued): Separations for females by age group and principal diagnosis in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
490–496 Chronic obstructive pulmonary disease & allied	596	6,016	5,466	4,010	2,577	2,876	3,730	4,734	7,376	7,595	44,978
500–519 Other diseases of the respiratory system	370	756	362	606	833	1,027	1,468	2,015	3,708	5,129	16,274
520–529 Diseases of the oral cavity, salivary glands & jaws	62	2,931	5,832	22,892	9,047	3,749	2,188	1,298	1,011	689	49,699
530–537 Diseases of oesophagus, stomach & duodenum	1,437	552	880	3,557	6,885	11,540	15,846	15,404	15,902	12,556	84,563
540–543 Appendicitis	3	68	2,437	3,792	2,016	1,136	599	317	241	162	10,771
550–553 Hernia of abdominal cavity	420	963	676	387	1,346	2,395	3,225	3,300	3,822	3,100	19,635
555–558 Noninfectious enteritis & colitis	397	876	569	3,153	4,397	3,506	3,342	2,716	2,955	3,550	25,461
560–569 Other diseases of intestines, peritoneum	294	706	1,105	2,840	5,708	8,936	12,822	12,982	15,277	13,757	74,429
570–579 Other diseases of digestive system	104	208	345	3,755	8,223	9,346	10,776	9,695	8,973	7,774	59,199
580–599 Diseases of the urinary system	845	1,564	1,874	4,198	5,169	5,951	6,638	6,889	8,633	9,669	51,431
600–608 Diseases of male genital organs	..	..	..	..	..	..	..	..	..	..	..
610–611 Disorders of the breast	17	7	59	1,296	3,267	4,897	4,745	2,131	1,261	396	18,076
614–629 Dis. & disorders of female pelvic organs & genital tract	23	75	645	21,445	42,801	46,518	36,059	14,948	10,273	4,587	177,377
630–639 Pregnancy with abortive outcome	0	0	181	26,690	35,767	14,978	360	4	0	0	77,981
640–648 Complications mainly related to pregnancy	0	0	116	40,084	71,309	15,702	122	1	0	0	127,334
650–669 Other indications re. pregnancy, labour & delivery	0	0	100	51,798	133,956	29,063	118	4	0	0	215,039
670–677 Complications of the puerperium	0	0	2	1,732	4,940	1,160	7	0	0	0	7,841
680–709 Diseases of the skin & subcutaneous tissue	541	1,591	2,773	4,447	4,492	4,901	5,730	4,734	5,693	8,632	43,535
710–739 Diseases of the musculoskeletal system & conn. tissue	198	848	3,364	9,820	14,104	19,586	23,922	21,417	26,369	24,937	144,571
740–759 Congenital anomalies	3,833	2,467	2,426	1,905	1,631	1,089	694	456	385	347	15,233
760–779 Certain conditions originating in perinatal period	22,253	49	3	4	6	3	0	1	1	1	22,321
780–799 Symptoms, signs & ill-defined conditions	5,980	6,420	6,046	12,980	16,456	18,040	20,239	17,226	18,027	19,958	141,372
800–848 Fractures, dislocations, sprains & strains	210	1,902	8,637	5,451	5,135	4,845	4,793	5,402	8,716	22,805	67,897
850–904 Open wounds, intracranial, internal, blood vessel injury	303	2,781	3,411	3,988	3,180	2,416	1,718	1,067	1,405	3,516	23,788
905–959 Late effects, burns, superficial & other injuries	370	1,690	1,724	2,594	2,227	1,928	1,580	1,124	1,394	3,857	18,489
960–989 Poisoning, toxic effects	137	1,637	914	5,121	4,522	3,727	2,022	727	601	688	20,100
990–995 Other & unspecified effects of external causes	99	187	150	428	470	366	368	330	343	504	3,245
996–999 Complications of surgical & medical care nec	147	490	1,005	1,905	3,221	4,204	4,572	4,082	5,807	5,684	31,117
V00–V19 Contact re. communicable dis., personal, family history	94	104	188	273	782	2,087	2,833	2,092	1,311	471	10,238
V20–V39 Contact re. reproduction; liveborn infants	9,334	59	18	4,590	27,840	19,480	991	48	7	2	62,369
V40–V59 Contact re. condition, specific procedures or aftercare	676	2,566	3,730	9,584	22,514	35,784	53,269	63,665	77,767	42,430	311,985
V60–V82 Contact for other reasons	872	964	794	2,250	4,462	4,747	5,760	5,668	7,913	12,552	45,986
Not reported	38	17	14	131	250	248	223	207	290	409	1,854
Total	63,716	73,433	91,984	305,100	513,534	369,884	325,893	292,090	371,148	401,444	2,808,325

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

Note: Abbreviations: mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.9: Separations for National Health Priority Areas, all hospitals, Australia, 1995–96

Principal diagnosis or external cause		Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
Cancer									
140	Cancer of the lip	799	429	53.7	<0.1	1,955	0.1	2.4	4.1
141–149	Cancer of the oral cavity and pharynx	4,036	534	13.2	0.2	38,702	2.1	9.6	10.9
150	Cancer of the oesophagus	3,618	1,252	34.6	0.2	26,779	1.5	7.4	10.8
151	Cancer of the stomach	4,736	1,404	29.6	0.3	41,744	2.3	8.8	12.1
152	Cancer of the small intestine	315	44	14.0	<0.1	3,850	0.2	12.2	14.0
153	Cancer of colon	11,826	3,030	25.6	0.7	120,099	6.6	10.2	13.3
154	Cancer of rectum	7,872	2,050	26.0	0.4	82,157	4.5	10.4	13.8
155	Cancer of the liver	1,403	196	14.0	0.1	11,494	0.6	8.2	9.4
156–159	Other cancer of digestive organs and peritoneum	4,934	605	12.3	0.3	51,975	2.9	10.5	11.9
160	Cancer of the nasal cavity	422	55	13.0	<0.1	3,069	0.2	7.3	8.2
161	Cancer of the larynx	1,344	264	19.6	0.1	13,841	0.8	10.3	12.6
162	Cancer of trachea, bronchus and lung	15,920	2,717	17.1	0.9	131,548	7.2	8.3	9.8
163–165	Other cancer of respiratory and intrathoracic organs	1,154	226	19.6	0.1	9,404	0.5	8.1	9.9
170–171, 175	Cancer of bone, connective tissue, male breast	2,904	637	21.9	0.2	18,239	1.0	6.3	7.8
172	Malignant melanoma of skin	5,996	3,090	51.5	0.3	17,876	1.0	3.0	5.1
173	Other cancer of skin	47,143	31,840	67.5	2.6	101,919	5.6	2.2	4.6
174	Cancer of female breast	16,459	3,288	20.0	0.9	95,551	5.3	5.8	7.0
176	Kaposi's sarcoma	398	280	70.4	<0.1	1,624	0.1	4.1	11.4
180	Cancer of cervix uteri	1,948	377	19.4	0.1	11,664	0.6	6.0	7.2
179, 182	Cancer of the uterus	2,567	535	20.8	0.1	17,061	0.9	6.6	8.1
181, 183–184	Other cancer of female genital organs	4,298	397	9.2	0.2	29,246	1.6	6.8	7.4
185	Cancer of prostate	12,867	2,111	16.4	0.7	93,813	5.2	7.3	8.5
186	Cancer of the testis	1,096	117	10.7	0.1	3,336	0.2	3.0	3.3
187	Cancer of the penis, other male genital organs	142	22	15.5	<0.1	908	<0.1	6.4	7.4
188	Cancer of the bladder	13,754	5,432	39.5	0.8	48,771	2.7	3.5	5.2
189	Cancer of the kidney, other urinary organs	3,190	361	11.3	0.2	31,470	1.7	9.9	11.0
190	Cancer of the eye	522	200	38.3	<0.1	1,910	0.1	3.7	5.3
191–192	Cancer of the brain, nervous system	4,236	587	13.9	0.2	50,300	2.8	11.9	13.6
193	Cancer of the thyroid	1,707	40	2.3	0.1	7,616	0.4	4.5	4.5
194	Cancer of other endocrine glands	465	187	40.2	<0.1	2,815	0.2	6.1	9.5
195–199	Other unspecified and secondary cancers	33,882	4,312	12.7	1.9	298,109	16.4	8.8	9.9
200–202	Cancer of lymphoid and histiolytic tissue	13,786	4,742	34.4	0.8	79,620	4.4	5.8	8.3
203	Multiple myeloma	4,128	1,620	39.2	0.2	28,107	1.5	6.8	10.6
204–208	Leukaemia	10,745	5,722	53.3	0.6	62,471	3.4	5.8	11.3
<i>Cancer total</i>		<i>240,612</i>	<i>78,703</i>	<i>32.7</i>	<i>13.2</i>	<i>1,539,043</i>	<i>84.7</i>	<i>6.4</i>	<i>9.0</i>

(continued)

Table 5.9 (continued): Separations for National Health Priority Areas, all hospitals, Australia, 1995–96

Principal diagnosis or external cause		Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
Cardiovascular disease									
390–398	Rheumatic heart disease	1,920	302	15.7	0.1	14,370	0.8	7.5	8.7
401–405	Hypertensive disease	8,445	841	10.0	0.5	63,632	3.5	7.5	8.3
410	Acute myocardial infarction	33,001	2,502	7.6	1.8	235,997	13.0	7.2	7.7
414	Chronic ischaemic heart disease	34,115	9,267	27.2	1.9	169,083	9.3	5.0	6.4
411–413	Other ischaemic heart disease	85,620	9,358	10.9	4.7	398,878	22.0	4.7	5.1
415–417	Diseases of pulmonary circulation	6,049	309	5.1	0.3	53,377	2.9	8.8	9.2
420–427	Forms of heart disease, nec	51,043	9,656	18.9	2.8	236,501	13.0	4.6	5.5
428	Heart failure	40,710	2,077	5.1	2.2	391,942	21.6	9.6	10.1
429	Ill-defined heart disease	789	232	29.4	<0.1	13,767	0.8	17.4	24.3
430–432	Intracranial haemorrhage	6,874	1,013	14.7	0.4	86,857	4.8	12.6	14.6
435	Transient cerebral ischaemia	11,056	1,005	9.1	0.6	62,564	3.4	5.7	6.1
436	Acute, ill-defined cerebrovascular disease	11,149	757	6.8	0.6	209,844	11.6	18.8	20.1
433–434, 437–438	Other cerebrovascular disease	22,214	1,037	4.7	1.2	281,875	15.5	12.7	13.3
440–448	Diseases of arteries, arterioles and capillaries	29,595	4,353	14.7	1.6	254,974	14.0	8.6	9.9
454	Varicose veins of lower extremities	21,925	2,895	13.2	1.2	75,218	4.1	3.4	3.8
455	Haemorrhoids	30,108	18,187	60.4	1.7	58,280	3.2	1.9	3.4
451–453, 456–459	Other dis. of veins, lymphatics, circulatory system	18,178	2,741	15.1	1.0	115,280	6.3	6.3	7.3
<i>Cardiovascular disease total</i>		<i>412,791</i>	<i>66,532</i>	<i>16.1</i>	<i>22.7</i>	<i>2,722,439</i>	<i>149.9</i>	<i>6.6</i>	<i>7.7</i>
Mental disorders									
290, 294.1, 331.0	Dementia	11,417	607	5.3	0.6	746,942	41.1	66.9	69.0
291–294	Other organic psychotic conditions(a)	11,136	1,039	9.3	0.6	201,389	11.1	18.5	19.8
295	Schizophrenic disorders	29,772	6,885	23.1	1.6	743,860	40.9	27.0	32.2
296.2–296.3	Major depressive disorder	30,931	14,841	48.0	1.7	333,135	18.3	11.0	19.8
296	Other affective psychoses(b)	13,059	2,463	18.9	0.7	198,150	10.9	16.0	18.5
297	Paranoid states	1,745	398	22.8	0.1	25,603	1.4	15.4	18.7
298–299	Other psychoses	4,309	945	21.9	0.2	45,488	2.5	11.0	13.2
300	Neurotic disorders	19,122	8,054	42.1	1.1	124,271	6.8	6.5	10.5
301	Personality disorders	7,810	2,684	34.4	0.4	51,422	2.8	7.0	9.5
302	Sexual deviations and disorders	238	42	17.6	<0.1	1,398	0.1	5.9	6.9
303	Alcohol dependence syndrome	13,284	3,120	23.5	0.7	95,448	5.3	7.2	9.1
304	Drug dependence	5,899	922	15.6	0.3	36,246	2.0	6.2	7.1
305	Non-dependent drug use disorder	5,953	2,318	38.9	0.3	19,980	1.1	3.4	4.9
311	Depressive disorder, nec	8,746	2,287	26.1	0.5	71,775	4.0	8.3	10.8
306–310, 312–316	Other non-psychotic mental disorders	29,180	10,924	37.4	1.6	231,583	12.7	8.1	12.1
<i>Mental health total</i>		<i>192,601</i>	<i>57,529</i>	<i>29.9</i>	<i>10.6</i>	<i>2,179,748</i>	<i>120.0</i>	<i>11.3</i>	<i>15.7</i>

(continued)

Table 5.9 (continued): Separations for National Health Priority Areas, all hospitals, Australia, 1995–96

Principal diagnosis or external cause		Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
Diabetes									
250.x1 or 3	Diabetes mellitus type I(c)	11,220	1,270	11.3	0.6	72,675	4.0	6.5	7.2
250.x0 or 2	Diabetes mellitus type II(d)	10,343	1,260	12.2	0.6	101,317	5.6	9.8	11.0
<i>Diabetes total</i>		<i>21,563</i>	<i>2,530</i>	<i>11.7</i>	<i>1.2</i>	<i>173,992</i>	<i>9.6</i>	<i>8.1</i>	<i>9.0</i>
External cause of injury or poisoning									
E810–E819	Motor vehicle traffic accidents	32,297	7,307	22.6	1.8	193,112	10.6	6.0	7.4
E826–E829	Other road vehicle accidents	10,499	2,552	24.3	0.6	28,714	1.6	2.7	3.3
E800–E807, E820–E825, E830–E848	Other transport & vehicle accidents	8,748	1,778	20.3	0.5	33,340	1.8	3.8	4.5
E850–E858	Accidental poisoning by drugs, medicines, biologicals	11,029	3,633	32.9	0.6	21,634	1.2	2.0	2.4
E860–E869	Other accidental poisoning	3,449	1,197	34.7	0.2	5,240	0.3	1.5	1.8
E870–E876	Misadventure during surgical or medical care	446	66	14.8	<0.1	5,240	0.3	11.7	13.6
E878–E879	Abnormal reaction following surgical or medical care	65,569	10,622	16.2	3.6	454,715	25.0	6.9	8.1
E880–E884	Accidental fall from one level to another	33,354	7,296	21.9	1.8	145,590	8.0	4.4	5.3
E885–E886	Accidental fall on same level	35,258	6,856	19.4	1.9	231,645	12.8	6.6	7.9
E887	Fracture, cause unspecified	8,153	3,387	41.5	0.4	37,320	2.1	4.6	7.1
E888	Other and unspecified fall	31,557	5,610	17.8	1.7	257,608	14.2	8.2	9.7
E890–E899, E924.0	Accidents caused by fire and flames, scalds	4,807	906	18.8	0.3	33,350	1.8	6.9	8.3
E900–E909	Accidents due to natural, environmental factors	9,703	3,627	37.4	0.5	21,203	1.2	2.2	2.9
E910	Accidental drowning and submersion	642	122	19.0	<0.1	1,549	0.1	2.4	2.7
E911–E915	Other submersion, suffocation, foreign bodies	6,181	2,772	44.8	0.3	10,369	0.6	1.7	2.2
E916–E928	Other accidents (excluding scalds E924.0)	86,409	28,678	33.2	4.8	212,797	11.7	2.5	3.2
E929	Late effects of accidental injury	1,880	981	52.2	0.1	19,174	1.1	10.2	20.2
E930–E949	Adverse effects of therapeutic drugs, medicines, biologicals	3,748	601	16.0	0.2	19,107	1.1	5.1	5.9
E950	Suicide, self-inflicted poisoning by solids, liquids	16,818	4,025	23.9	0.9	43,548	2.4	2.6	3.1
E951–E959	Suicide, self-inflicted injury by other means	2,660	756	28.4	0.1	13,497	0.7	5.1	6.7
E960–E978	Homicide and injury purposely inflicted by others	19,367	6,781	35.0	1.1	51,723	2.8	2.7	3.6
E980–E999	Injuries from operations of war and other	944	311	32.9	0.1	3,046	0.2	3.2	4.3
	External cause unknown	479	137	28.6	<0.1	2,574	0.1	5.4	7.1
<i>Injury and poisoning total</i>		<i>393,997</i>	<i>100,001</i>	<i>25.4</i>	<i>21.7</i>	<i>1,846,095</i>	<i>101.6</i>	<i>4.7</i>	<i>5.9</i>
Total separations for National Health Priority Areas		1,261,564	305,295	24.2	69.4	8,461,317	465.8	6.7	8.5

(a) Excludes *Dementia in conditions classified elsewhere* (294.1).

(b) Excludes major depressive disorder 296.2–296.3.

(c) Insulin dependent type. Includes diagnoses where the fifth digit is 1 or 3.

(d) Non-insulin dependent type. Includes diagnoses where the fifth digit is 0 or 2.

Note: Abbreviations: dis.—diseases, nec.—not elsewhere classified.

Table 5.10: Separations for public patients as a percentage of total separations from public hospitals, by principal diagnosis in ICD-9-CM groupings, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	85.0	86.9	89.1	87.7	85.4	84.7	83.9	99.1	86.9
010–018 Tuberculosis	81.8	84.6	95.0	73.7	79.6	77.8	83.3	95.3	84.5
020–041 Other bacterial diseases	79.1	82.0	89.9	87.2	81.8	74.1	78.4	97.5	82.8
042 Human immunodeficiency virus infection	98.2	96.0	100.0	100.0	96.4	100.0	83.3	100.0	97.3
045–079 Viral & chlamydial diseases	88.2	88.2	88.5	87.1	88.4	90.1	84.2	94.4	88.2
080–139 Other & late effects of infectious & parasitic diseases	88.6	84.0	92.2	94.1	91.7	81.7	78.3	96.9	89.4
140–149 Mal. neoplasm—lip, oral cavity & pharynx	74.2	80.4	90.4	87.9	86.7	86.8	85.4	94.7	81.4
150–159 Mal. neoplasm—digestive organs & peritoneum	73.1	77.3	83.1	86.2	81.0	82.3	78.2	91.6	77.7
160–165 Mal. neoplasm—respiratory & intrathoracic organs	73.3	79.1	90.6	82.7	80.6	79.4	83.8	96.6	79.8
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	76.7	78.5	88.3	90.0	80.9	90.6	93.3	87.0	81.8
179–189 Mal. neoplasm—genitourinary organs	72.3	79.5	85.2	87.1	81.9	80.3	80.9	93.2	78.7
190–199 Mal. neoplasm—other & unspecified sites	68.1	78.0	87.1	78.1	79.3	75.8	83.8	94.4	76.0
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	71.2	79.9	86.3	83.3	80.0	82.8	82.3	94.6	78.6
210–229 Benign neoplasm	79.0	81.7	82.0	89.2	86.1	93.2	89.7	84.6	82.3
230–234 Carcinoma in situ	82.0	82.6	87.6	92.4	89.3	93.8	95.0	91.2	85.3
235–239 Other neoplasms	74.5	79.2	87.8	85.1	83.7	90.2	84.7	91.3	81.1
240–259 Diseases of thyroid and other endocrine glands	80.5	85.1	89.6	88.6	84.3	84.1	83.7	96.7	84.6
260–279 Nutritional def. & other metabolic, immunity disorders	76.6	81.9	90.3	90.4	80.7	84.9	78.8	97.7	82.7
280–289 Diseases of the blood & blood forming organs	72.3	82.5	90.6	87.3	81.4	83.9	84.1	99.0	80.3
290–319 Mental disorders	84.9	92.7	97.5	95.6	92.6	91.5	92.9	97.8	91.1
320–359 Diseases & disorders of the nervous system	81.0	81.7	85.4	84.2	82.8	84.2	83.0	96.3	82.6
360–379 Disorders of eye & adnexa	81.8	62.0	55.7	91.0	80.1	96.2	94.1	89.6	73.5
380–389 Diseases of ear & mastoid process	84.1	78.2	73.6	87.9	75.5	93.9	92.7	92.9	80.7
390–398 Rheumatic fever & rheumatic heart disease	73.6	77.6	89.3	76.9	90.5	64.7	50.0	100.0	80.7
401–405 Hypertensive disease	78.6	79.8	81.1	81.7	80.7	80.0	76.3	95.6	79.9
410–414 Ischaemic heart disease	74.5	80.5	88.0	72.3	78.8	69.8	75.7	96.5	78.3
415–417 Diseases of pulmonary circulation	71.6	78.8	92.0	83.4	78.3	79.8	77.1	91.9	77.9
420–429 Other forms of heart disease	74.1	78.0	87.5	78.3	78.7	74.1	73.1	98.0	78.2
430–438 Cerebrovascular disease	74.3	78.2	86.2	80.9	78.1	74.1	80.8	97.1	78.1
440–459 Other diseases of the circulatory system	77.4	81.6	82.8	87.4	81.8	81.9	78.1	86.7	80.8
460–466 Acute respiratory infections	87.4	87.9	90.5	88.8	82.8	84.0	86.2	97.3	87.8
470–478 Other diseases of upper respiratory tract	84.9	80.1	62.7	85.7	83.5	96.6	92.4	90.2	80.8
480–487 Pneumonia and influenza	78.5	81.5	88.8	87.9	80.5	75.2	80.9	98.3	82.5

(continued)

Table 5.10 (continued): Separations for public patients as a percentage of total separations from public hospitals, by principal diagnosis in ICD-9-CM groupings, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	81.7	85.3	90.4	87.6	81.0	75.5	84.5	98.7	84.5
500–519 Other diseases of the respiratory system	77.8	81.0	89.3	86.7	81.1	78.6	81.8	98.0	81.8
520–529 Diseases of the oral cavity, salivary glands & jaws	84.7	67.5	81.8	75.1	87.5	98.4	96.7	92.5	79.8
530–537 Diseases of oesophagus, stomach & duodenum	80.7	84.0	85.6	89.5	81.3	86.7	87.3	95.4	83.6
540–543 Appendicitis	82.3	88.9	89.6	86.1	86.9	91.6	79.0	91.9	86.1
550–553 Hernia of abdominal cavity	81.1	80.9	77.3	87.2	82.9	91.7	89.9	83.3	81.3
555–558 Noninfectious enteritis & colitis	83.0	85.7	86.8	87.9	83.3	87.3	83.0	95.7	85.0
560–569 Other diseases of intestines, peritoneum	78.8	82.8	83.0	84.7	82.3	84.3	84.3	91.3	81.7
570–579 Other diseases of digestive system	81.8	85.9	85.9	88.1	85.4	88.1	83.4	96.2	84.6
580–599 Diseases of the urinary system	80.2	84.2	88.9	86.3	84.9	86.6	86.4	97.2	84.0
600–608 Diseases of male genital organs	81.0	82.5	80.3	87.7	80.9	92.5	86.3	93.7	82.4
610–611 Disorders of the breast	83.2	85.4	76.0	92.6	90.7	97.8	92.9	89.0	84.8
614–629 Dis. & disorders of female pelvic organs & genital tract	83.0	81.4	80.1	90.3	87.9	97.4	88.4	88.7	83.6
630–639 Pregnancy with abortive outcome	84.9	71.1	90.6	90.0	95.1	96.4	83.8	91.2	84.2
640–648 Complications mainly related to pregnancy	85.2	88.6	93.6	92.6	90.6	86.0	86.2	96.4	89.0
650–669 Other indications re. pregnancy, labour & delivery	81.2	85.6	87.9	92.2	89.9	75.5	86.6	91.9	85.3
670–677 Complications of the puerperium	85.8	86.8	93.8	90.3	90.8	79.2	93.4	91.1	88.6
680–709 Diseases of the skin & subcutaneous tissue	83.0	83.1	90.7	88.9	87.0	88.3	92.0	96.3	86.0
710–739 Diseases of the musculoskeletal system & conn. tissue	81.2	80.1	77.5	86.9	81.6	87.6	83.1	85.0	81.2
740–759 Congenital anomalies	75.4	72.4	84.1	77.2	81.9	88.8	83.7	96.2	77.3
760–779 Certain conditions originating in perinatal period	87.8	87.2	93.3	78.8	82.8	76.7	80.0	97.8	87.1
780–799 Symptoms, signs & ill-defined conditions	82.9	86.7	88.6	85.2	82.2	83.4	82.0	96.8	85.2
800–848 Fractures, dislocations, sprains & strains	73.7	73.2	90.8	73.9	74.5	72.9	75.3	83.5	77.2
850–904 Open wounds, intracranial, internal, blood vessel injury	77.2	72.4	93.2	76.9	73.6	66.3	73.4	89.1	80.2
905–959 Late effects, burns, superficial & other injuries	76.7	72.9	89.9	77.1	74.3	68.4	75.9	88.5	78.4
960–989 Poisoning, toxic effects	92.8	94.8	96.2	91.0	90.9	92.0	93.4	96.3	93.7
990–995 Other & unspecified effects of external causes	83.7	80.4	85.8	80.7	70.6	77.2	81.4	83.6	82.1
996–999 Complications of surgical & medical care nec	74.6	77.9	87.0	82.1	79.8	76.5	80.0	94.1	78.9
V00–V19 Contact re. communicable dis., personal, family history	76.8	86.8	88.7	89.8	73.5	53.4	88.4	96.5	81.5
V20–V39 Contact re. reproduction; liveborn infants	82.7	78.2	87.2	83.5	81.4	95.4	88.2	92.1	82.7
V40–V59 Contact re. condition, specific procedures or aftercare	77.1	86.5	91.1	85.2	83.3	78.7	93.3	98.8	84.1
V60–V82 Contact for other reasons	76.6	82.6	95.0	88.0	83.6	75.6	88.9	94.7	85.0
Not reported	75.0	97.8	100.0	..	100.0	81.0	..	92.9	90.6
Total	79.7	82.6	88.0	85.9	83.3	82.2	86.7	95.0	83.1

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.11: Patient days for public patients as a percentage of total patient days in public hospitals, by principal diagnosis in ICD-9-CM groupings, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
001–009 Intestinal infectious diseases	83.0	85.3	88.9	90.3	84.2	86.8	81.3	99.5	87.3
010–018 Tuberculosis	83.0	85.7	97.2	63.0	79.0	96.1	84.9	97.7	85.6
020–041 Other bacterial diseases	74.0	81.2	93.4	86.1	77.8	70.7	85.4	98.7	81.3
042 Human immunodeficiency virus infection	98.4	96.9	100.0	100.0	98.6	100.0	82.6	100.0	98.4
045–079 Viral & chlamydial diseases	84.1	87.1	89.7	87.1	82.7	84.4	84.6	97.2	86.0
080–139 Other & late effects of infectious & parasitic diseases	85.4	85.3	96.0	94.2	82.8	75.5	89.4	98.2	89.0
140–149 Mal. neoplasm—lip, oral cavity & pharynx	74.4	70.1	90.3	85.1	88.8	82.6	86.5	98.7	79.3
150–159 Mal. neoplasm—digestive organs & peritoneum	73.3	77.2	82.9	84.9	81.8	82.0	76.7	94.1	77.4
160–165 Mal. neoplasm—respiratory & intrathoracic organs	72.4	77.5	90.3	82.7	79.8	79.5	84.4	98.9	78.4
170–176 Mal. neoplasm—bone, conn. tissue, skin & breast	75.0	80.3	78.0	88.7	77.3	89.7	90.3	91.4	78.3
179–189 Mal. neoplasm—genitourinary organs	72.2	76.8	87.3	86.2	79.7	73.0	83.5	97.2	77.2
190–199 Mal. neoplasm—other & unspecified sites	67.8	75.5	88.3	79.3	79.4	75.4	85.1	92.0	75.2
200–208 Mal. neoplasm—lymphatic & haematopoietic tissue	73.5	75.3	86.8	80.4	77.6	83.4	80.1	92.3	77.4
210–229 Benign neoplasm	76.4	79.1	82.6	85.1	82.8	90.9	85.0	88.1	80.0
230–234 Carcinoma in situ	80.2	82.9	88.6	93.1	87.0	79.1	96.7	83.6	84.3
235–239 Other neoplasms	80.4	80.9	84.0	82.2	82.0	69.4	85.9	97.5	81.3
240–259 Diseases of thyroid and other endocrine glands	81.7	82.1	90.2	83.4	80.9	78.5	77.0	99.3	83.4
260–279 Nutritional def. & other metabolic, immunity disorders	77.4	81.1	92.1	91.3	86.9	84.9	74.1	98.5	84.0
280–289 Diseases of the blood & blood forming organs	73.2	80.0	91.9	84.9	77.3	76.9	84.0	99.3	79.3
290–319 Mental disorders	85.0	90.4	93.8	91.1	96.1	84.0	92.8	98.7	88.7
320–359 Diseases & disorders of the nervous system	86.2	79.8	89.2	75.5	81.6	65.0	85.7	98.4	84.4
360–379 Disorders of eye & adnexa	78.7	66.1	69.0	88.9	81.3	84.6	91.8	95.7	76.0
380–389 Diseases of ear & mastoid process	83.0	80.0	81.0	89.5	80.5	88.6	87.0	95.2	82.7
390–398 Rheumatic fever & rheumatic heart disease	71.3	75.9	89.7	75.6	96.0	68.6	31.6	100.0	80.1
401–405 Hypertensive disease	87.2	78.0	81.4	80.1	80.7	77.3	86.9	94.4	84.3
410–414 Ischaemic heart disease	74.3	79.7	88.6	75.3	78.4	66.0	77.7	96.9	78.1
415–417 Diseases of pulmonary circulation	72.5	78.1	92.1	83.3	81.1	76.6	77.0	96.9	77.9
420–429 Other forms of heart disease	76.2	76.4	84.0	81.9	79.2	65.0	73.8	98.5	78.0
430–438 Cerebrovascular disease	78.6	77.4	85.7	81.0	80.3	64.4	77.9	98.4	79.6
440–459 Other diseases of the circulatory system	73.0	77.6	84.9	85.5	78.3	81.9	74.1	89.9	77.6
460–466 Acute respiratory infections	84.3	85.4	91.4	88.8	83.0	83.8	85.0	98.4	86.7
470–478 Other diseases of upper respiratory tract	84.4	82.6	71.3	87.5	85.6	95.9	92.6	90.5	83.2
480–487 Pneumonia and influenza	76.2	81.1	89.0	87.0	79.1	72.2	84.5	98.5	81.1

(continued)

Table 5.11 (continued): Patient days for public patients as a percentage of total patient days in public hospitals, by principal diagnosis in ICD-9-CM groupings, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
490–496 Chronic obstructive pulmonary disease & allied	77.3	81.1	88.6	88.0	78.1	64.8	84.5	99.4	80.8
500–519 Other diseases of the respiratory system	78.7	83.9	90.0	84.4	79.4	72.6	80.7	98.1	82.6
520–529 Diseases of the oral cavity, salivary glands & jaws	84.4	70.1	85.6	74.3	86.9	98.4	95.1	93.8	81.1
530–537 Diseases of oesophagus, stomach & duodenum	78.8	82.2	87.3	87.0	81.7	86.3	84.8	93.9	82.3
540–543 Appendicitis	81.5	88.2	90.8	85.0	86.3	84.4	79.1	93.4	85.4
550–553 Hernia of abdominal cavity	80.0	79.9	82.5	85.9	80.4	93.6	91.1	88.8	81.4
555–558 Noninfectious enteritis & colitis	78.9	84.1	87.5	75.2	78.1	78.0	73.8	98.7	81.2
560–569 Other diseases of intestines, peritoneum	76.1	80.8	87.4	83.4	79.8	76.9	78.9	94.3	80.2
570–579 Other diseases of digestive system	80.1	84.3	89.5	87.7	84.1	88.7	80.2	97.7	83.9
580–599 Diseases of the urinary system	77.6	81.2	88.7	86.0	82.6	79.2	84.8	99.0	82.2
600–608 Diseases of male genital organs	77.6	81.2	85.6	89.5	80.8	89.5	87.1	96.3	81.5
610–611 Disorders of the breast	83.2	82.3	80.6	90.8	92.6	98.1	91.8	92.2	84.8
614–629 Dis. & disorders of female pelvic organs & genital tract	82.9	80.8	83.5	90.3	88.6	94.6	90.3	91.5	84.2
630–639 Pregnancy with abortive outcome	84.7	73.5	92.2	91.1	94.4	95.6	84.1	92.6	85.3
640–648 Complications mainly related to pregnancy	82.9	83.7	91.3	89.8	87.9	82.4	85.2	97.5	85.8
650–669 Other indications re. pregnancy, labour & delivery	80.8	81.6	85.4	90.3	88.1	68.3	86.5	91.9	83.3
670–677 Complications of the puerperium	84.6	86.0	92.5	91.6	91.8	71.9	94.4	92.6	87.8
680–709 Diseases of the skin & subcutaneous tissue	79.3	79.3	92.2	87.1	83.7	71.3	87.0	96.8	83.3
710–739 Diseases of the musculoskeletal system & conn. tissue	79.6	78.0	81.2	86.3	81.0	79.7	84.4	92.3	80.5
740–759 Congenital anomalies	79.2	72.5	91.0	76.5	83.3	83.0	85.4	99.2	80.2
760–779 Certain conditions originating in perinatal period	85.4	82.0	91.4	77.6	74.8	66.2	87.6	95.8	83.8
780–799 Symptoms, signs & ill-defined conditions	75.0	83.8	88.8	86.1	82.1	78.2	83.3	98.7	81.2
800–848 Fractures, dislocations, sprains & strains	69.4	67.3	88.5	66.3	68.0	67.4	68.0	78.0	72.5
850–904 Open wounds, intracranial, internal, blood vessel injury	71.0	61.7	91.1	73.9	66.5	50.8	70.5	88.0	74.5
905–959 Late effects, burns, superficial & other injuries	73.1	72.7	82.1	78.5	78.2	70.1	71.0	91.6	76.2
960–989 Poisoning, toxic effects	88.8	93.3	96.1	91.2	89.4	82.8	93.8	98.2	91.7
990–995 Other & unspecified effects of external causes	83.4	78.0	85.7	83.2	72.9	64.2	68.3	89.2	81.3
996–999 Complications of surgical & medical care nec	73.7	75.6	87.6	82.9	77.5	70.6	81.6	95.5	77.8
V00–V19 Contact re. communicable dis., personal, family history	79.9	86.5	84.2	89.8	77.0	56.6	87.1	97.5	82.0
V20–V39 Contact re. reproduction; liveborn infants	82.1	85.3	89.2	83.2	84.1	95.3	88.8	95.0	84.4
V40–V59 Contact re. condition, specific procedures or aftercare	74.1	80.4	89.8	81.2	78.5	74.9	89.2	98.1	79.1
V60–V82 Contact for other reasons	74.4	82.4	85.1	83.0	87.1	13.0	96.8	97.4	76.9
Not reported	92.9	74.1	100.0	..	100.0	84.6	..	99.1	84.3
Total	78.3	80.3	88.1	83.7	84.1	71.4	84.2	95.1	81.3

Note: Abbreviations: ALOS—average length of stay, mal.—malignant, dis.—diseases, def.—deficiency, nec—not elsewhere classified, conn.—connective, re.—related to.

Table 5.12: Separations by number of diagnoses reported and hospital sector, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT(b)	Total
Hospital sector	(number)								
Public hospitals									
Separations(a)	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006
One diagnosis code only	412,535	250,842	250,305	96,941	104,861	26,789	29,870	11,112	1,183,255
Two diagnosis codes only	322,963	230,124	165,680	100,187	90,417	25,485	13,269	22,132	970,257
Three diagnosis codes only	182,813	148,616	88,231	52,026	46,117	9,336	6,539	5,158	538,836
Four diagnosis codes only	113,996	83,258	49,779	28,148	28,393	4,738	3,510	3,141	314,963
Five or more diagnosis codes	223,817	159,815	77,992	59,871	54,086	5,446	3,640	4,452	589,119
Mean diagnosis codes per case	2.8	2.9	2.5	2.9	2.8	2.2	1.9	2.4	2.8
Maximum number of diagnosis codes	10	12	15	19	21	14	9	8	..
Private hospitals									
Separations(a)	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931
One diagnosis code only	227,028	172,011	153,891	50,312	50,003	24,272	5,031	n.a.	682,548
Two diagnosis codes only	139,776	107,758	98,597	34,374	40,884	15,135	3,829	n.a.	440,353
Three diagnosis codes only	59,644	63,652	49,781	14,298	20,992	6,879	2,278	n.a.	217,524
Four diagnosis codes only	28,763	30,027	24,377	6,752	11,657	3,169	1,212	n.a.	105,957
Five or more diagnosis codes	30,027	48,165	23,175	8,233	15,124	3,219	1,474	n.a.	129,417
Mean diagnosis codes per case	2.0	2.4	2.1	2.1	2.4	2.0	2.3	n.a.	2.2
Maximum number of diagnosis codes	10	12	15	18	20	14	5	n.a.	..
(per cent)									
Public hospitals									
One diagnosis code only	32.8	28.7	39.6	28.8	32.4	37.3	52.6	24.2	32.9
Two diagnosis codes only	25.7	26.4	26.2	29.7	27.9	35.5	23.3	48.1	27.0
Three diagnosis codes only	14.6	17.0	14.0	15.4	14.2	13.0	11.5	11.2	15.0
Four diagnosis codes only	9.1	9.5	7.9	8.3	8.8	6.6	6.2	6.8	8.8
Five or more diagnosis codes	17.8	18.3	12.3	17.8	16.7	7.6	6.4	9.7	16.4
Private hospitals									
One diagnosis code only	46.8	40.8	44.0	44.1	36.1	46.1	36.4	n.a.	43.3
Two diagnosis codes only	28.8	25.6	28.2	30.2	29.5	28.7	27.7	n.a.	27.9
Three diagnosis codes only	12.3	15.1	14.2	12.5	15.1	13.1	16.5	n.a.	13.8
Four diagnosis codes only	5.9	7.1	7.0	5.9	8.4	6.0	8.8	n.a.	6.7
Five or more diagnosis codes	6.2	11.4	6.6	7.2	10.9	6.1	10.7	n.a.	8.2

(a) This includes separations for which no diagnosis codes were reported.

(b) A maximum of 10 diagnosis codes were permitted in the Northern Territory administrative system, although only 8 diagnosis codes were reported to the Institute.

Table 5.13: Separation, same day separation, patient day and average length of stay statistics for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, Australia, 1995-96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Rank by patient days
V56 Encounter for dialysis	314,856	313,478	99.6	17.3	318,009	17.5	1.0	7
V58 Encounter for other and unspecified procedures and aftercare	145,272	133,955	92.2	8.0	231,633	12.8	1.6	9
V57 Care involving use of rehabilitation procedures	61,341	27,298	44.5	3.4	917,495	50.5	15.0	1
493 Asthma	56,315	5,915	10.5	3.1	178,374	9.8	3.2	15
789 Other symptoms involving abdomen and pelvis	50,364	20,979	41.7	2.8	108,456	6.0	2.2	28
780 General symptoms	46,696	9,529	20.4	2.6	137,838	7.6	3.0	22
786 Symptoms involving respiratory system and other chest symptoms	45,659	14,219	31.1	2.5	102,285	5.6	2.2	34
411 Other acute and subacute forms of ischaemic heart disease	43,767	3,571	8.2	2.4	226,727	12.5	5.2	10
664 Trauma to perineum and vulva during delivery	39,764	944	2.4	2.2	143,491	7.9	3.6	21
530 Diseases of oesophagus	39,496	28,436	72.0	2.2	78,768	4.3	2.0	46
366 Cataract	34,346	19,450	56.6	1.9	45,045	2.5	1.3	88
428 Heart failure	33,782	1,961	5.8	1.9	309,958	17.1	9.2	8
574 Cholelithiasis	32,947	3,392	10.3	1.8	128,965	7.1	3.9	25
V67 Follow-up examination	29,183	26,338	90.3	1.6	33,042	1.8	1.1	125
410 Acute myocardial infarction	28,798	2,309	8.0	1.6	204,265	11.2	7.1	12
296 Affective psychoses	28,176	8,969	31.8	1.6	357,531	19.7	13.3	7
650 Single spontaneous vaginal delivery	27,956	1,120	4.0	1.5	86,005	4.7	3.1	41
427 Cardiac dysrhythmias	27,940	6,114	21.9	1.5	104,985	5.8	3.8	33
486 Pneumonia, organism unspecified	27,706	1,327	4.8	1.5	185,439	10.2	6.7	13
813 Fracture of radius and ulna	25,863	6,769	26.2	1.4	51,364	2.8	2.0	79
295 Schizophrenic disorders	25,826	4,470	17.3	1.4	706,637	38.9	29.9	3
535 Gastritis and duodenitis	25,718	19,219	74.7	1.4	42,857	2.4	1.7	95
644 Early or threatened labour	24,172	9,232	38.2	1.3	56,946	3.1	2.4	62
413 Angina pectoris	23,925	4,752	19.9	1.3	79,181	4.4	3.3	45
626 Disorders of menstruation and other abnormal bleeding	23,785	16,177	68.0	1.3	43,506	2.4	1.8	92
599 Other disorders of urethra and urinary tract	23,387	7,155	30.6	1.3	100,287	5.5	4.3	36
173 Other malignant neoplasm of skin	23,105	15,017	65.0	1.3	58,044	3.2	2.5	61
642 Hypertension complicating pregnancy, childbirth, and the puerperium	22,487	2,845	12.7	1.2	105,750	5.8	4.7	32
550 Inguinal hernia	22,361	4,284	19.2	1.2	53,660	3.0	2.4	72
996 Complications peculiar to certain specified procedures	21,612	4,437	20.5	1.2	162,891	9.0	7.5	18
Other	2,219,807	696,645	31.4	122.2	11,916,555	656.0	5.4	..
Not reported	1,594	233	14.6	0.1	115,363	6.4	136.5	..
Total	3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	

Note A similar listing of the top 200 principal diagnoses in 3 digit ICD-9-CM groupings is provided on diskette.

Table 5.14: Separation, same day separation, patient day and average length of stay statistics for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, Australia, 1995-96

Principal diagnosis	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Rank by patient days
366 Cataract	57,241	31,810	55.6	3.2	75,705	4.2	1.3	8
V58 Encounter for other and unspecified procedures and aftercare	43,092	38,040	88.3	2.4	79,410	4.4	1.8	6
530 Diseases of oesophagus	39,315	36,331	92.4	2.2	53,615	3.0	1.4	14
520 Disorders of tooth development and eruption	34,882	23,299	66.8	1.9	36,920	2.1	1.1	38
V56 Encounter for dialysis	32,657	32,617	99.9	1.8	32,799	1.8	1.0	42
717 Internal derangement of knee	32,626	18,508	56.7	1.8	44,426	2.5	1.4	23
535 Gastritis and duodenitis	26,631	25,026	94.0	1.5	32,334	1.8	1.2	44
715 Osteoarthritis and allied disorders	25,015	4,282	17.1	1.4	206,231	11.5	8.2	2
789 Other symptoms involving abdomen and pelvis	24,589	17,696	72.0	1.4	41,394	2.3	1.7	29
173 Other malignant neoplasm of skin	24,038	16,823	70.0	1.3	43,875	2.4	1.8	24
635 Legally induced abortion	21,466	21,087	98.2	1.2	21,685	1.2	1.0	79
562 Diverticula of intestine	21,129	17,106	81.0	1.2	42,882	2.4	2.0	26
569 Other disorders of intestine	20,931	18,178	86.8	1.2	33,585	1.9	1.6	40
V57 Care involving use of rehabilitation procedures	20,224	9,032	44.7	1.1	276,436	15.4	13.7	1
550 Inguinal hernia	18,489	1,629	8.8	1.0	48,365	2.7	2.6	18
724 Other and unspecified disorders of back	17,290	5,585	32.3	1.0	88,030	4.9	5.1	4
V26 Procreative management	17,277	15,860	91.8	1.0	19,198	1.1	1.1	89
V67 Follow-up examination	17,123	14,858	86.8	1.0	19,935	1.1	1.2	87
211 Benign neoplasm of other parts of digestive system	16,992	15,160	89.2	0.9	24,383	1.4	1.4	73
296 Affective psychoses	15,814	8,335	52.7	0.9	173,754	9.7	11.0	3
455 Haemorrhoids	15,628	10,575	67.7	0.9	28,939	1.6	1.9	57
780 General symptoms	14,544	689	4.7	0.8	39,082	2.2	2.7	34
474 Chronic disease of tonsils and adenoids	14,385	1,280	8.9	0.8	19,236	1.1	1.3	88
626 Disorders of menstruation and other abnormal bleeding	13,674	9,687	70.8	0.8	27,865	1.5	2.0	62
553 Other hernia of abdominal cavity without obstruction or gangrene	13,438	7,930	59.0	0.7	29,963	1.7	2.2	52
414 Other forms of chronic ischaemic heart disease	13,425	4,268	31.8	0.7	61,762	3.4	4.6	10
381 Nonsuppurative otitis media and Eustachian tube disorders	13,356	11,959	89.5	0.7	14,310	0.8	1.1	111
574 Cholelithiasis	13,282	546	4.1	0.7	52,918	2.9	4.0	15
722 Intervertebral disc disorders	12,730	2,189	17.2	0.7	76,662	4.3	6.0	7
600 Hyperplasia of prostate	12,434	3,355	27.0	0.7	45,058	2.5	3.6	22
Other	912,030	346,884	38.0	50.7	4,091,392	227.4	4.5	..
Not reported	2,184	1,169	53.5	0.1	12,724	0.7	5.8	..
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	

Note A similar listing of the top 200 principal diagnoses in 3 digit ICD-9-CM groupings is provided on diskette.

Table 5.15: Separations for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
V56 Encounter for dialysis	100,383	82,259	48,714	25,502	28,884	6,323	10,405	12,386	314,856
V58 Encounter for other and unspecified procedures and aftercare	44,515	39,631	26,922	14,151	11,646	4,835	3,447	125	145,272
V57 Care involving use of rehabilitation procedures	24,719	20,296	12,292	1,652	2,007	140	210	25	61,341
493 Asthma	20,769	11,485	9,492	6,154	6,601	668	617	529	56,315
789 Other symptoms involving abdomen and pelvis	17,962	11,878	9,917	4,759	3,662	1,106	599	481	50,364
780 General symptoms	16,592	11,670	9,109	3,226	4,363	915	360	461	46,696
786 Symptoms involving respiratory system and other chest symptoms	17,959	10,124	7,849	3,628	4,313	749	613	424	45,659
411 Other acute and subacute forms of ischaemic heart disease	17,327	10,993	7,163	3,539	2,921	1,061	595	168	43,767
664 Trauma to perineum and vulva during delivery	14,753	8,683	7,482	3,906	2,688	926	743	583	39,764
530 Diseases of oesophagus	14,199	9,455	6,284	3,823	3,890	842	762	241	39,496
366 Cataract	13,162	9,594	4,548	3,276	3,155	109	309	193	34,346
428 Heart failure	12,424	8,938	4,878	3,058	3,357	630	297	200	33,782
574 Cholelithiasis	12,465	7,991	5,548	2,710	2,900	631	491	211	32,947
V67 Follow-up examination	7,139	5,009	11,884	1,625	2,376	863	182	105	29,183
410 Acute myocardial infarction	10,877	7,043	4,714	2,373	2,588	638	391	174	28,798
296 Affective psychoses	8,009	5,495	5,171	5,520	2,981	539	361	100	28,176
650 Single spontaneous vaginal delivery	11,037	4,873	6,468	2,383	1,550	346	636	663	27,956
427 Cardiac dysrhythmias	11,044	6,540	4,885	2,143	2,246	565	381	136	27,940
486 Pneumonia, organism unspecified	10,560	6,259	4,364	2,401	2,212	504	315	1,091	27,706
813 Fracture of radius and ulna	10,017	5,097	4,880	2,456	2,178	395	391	449	25,863
295 Schizophrenic disorders	7,903	5,439	5,800	2,655	2,807	640	376	206	25,826
535 Gastritis and duodenitis	9,453	6,455	4,300	2,874	1,327	461	423	425	25,718
644 Early or threatened labour	7,401	5,775	5,888	2,024	1,768	562	414	340	24,172
413 Angina pectoris	8,514	4,903	5,359	2,715	1,827	223	293	91	23,925
626 Disorders of menstruation and other abnormal bleeding	7,794	6,720	3,737	2,264	2,325	297	452	196	23,785
599 Other disorders of urethra and urinary tract	8,519	5,035	4,367	2,439	2,034	529	241	223	23,387
173 Other malignant neoplasm of skin	7,409	4,419	6,036	2,118	2,133	387	462	141	23,105
642 Hypertension complicating pregnancy, childbirth, and the puerperium	8,837	5,247	3,727	1,768	1,919	479	290	220	22,487
550 Inguinal hernia	7,954	5,690	3,890	1,993	1,983	340	361	150	22,361
996 Complications peculiar to certain specified procedures	7,287	5,807	3,102	2,469	2,021	454	316	156	21,612
Other	779,139	533,851	383,216	215,569	207,199	44,636	31,095	25,102	2,219,807
Not reported	4	851	2	53	23	647	0	14	1,594
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

(a) Chemotherapy (V58.1) accounts for 84% of this group.

Table 5.16: Separations for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
366 Cataract	20,438	11,713	14,592	3,348	4,780	2,173	197	n.a.	57,241
V58 Encounter for other and unspecified procedures and aftercare	7,470	16,684	12,313	2,751	2,686	773	415	n.a.	43,092
530 Diseases of oesophagus	13,725	10,958	8,348	2,217	2,853	1,127	87	n.a.	39,315
520 Disorders of tooth development and eruption	10,266	10,184	5,925	3,394	3,470	921	722	n.a.	34,882
V56 Encounter for dialysis	8,325	12,038	6,298	0	5,996	0	0	n.a.	32,657
717 Internal derangement of knee	10,423	8,893	4,919	3,148	3,800	921	522	n.a.	32,626
535 Gastritis and duodenitis	11,020	6,994	5,169	1,794	1,095	506	53	n.a.	26,631
715 Osteoarthritis and allied disorders	8,066	6,064	4,169	2,508	3,090	759	359	n.a.	25,015
789 Other symptoms involving abdomen and pelvis	6,268	7,897	6,761	1,446	1,263	913	41	n.a.	24,589
173 Other malignant neoplasm of skin	8,478	4,464	6,809	1,256	2,266	473	292	n.a.	24,038
635 Legally induced abortion	14,951	1,951	83	3,895	396	188	2	n.a.	21,466
562 Diverticula of intestine	5,949	5,818	6,479	1,325	1,053	447	58	n.a.	21,129
569 Other disorders of intestine	8,946	4,357	4,363	1,616	1,136	451	62	n.a.	20,931
V57 Care involving use of rehabilitation procedures	7,262	6,398	5,769	24	753	18	0	n.a.	20,224
550 Inguinal hernia	6,187	4,790	3,746	1,399	1,439	633	295	n.a.	18,489
724 Other and unspecified disorders of back	3,839	4,601	2,920	1,671	3,128	1,092	39	n.a.	17,290
V26 Procreative management	5,695	4,875	4,403	1,202	791	158	153	n.a.	17,277
V67 Follow-up examination	6,673	4,295	3,254	1,030	1,236	587	48	n.a.	17,123
211 Benign neoplasm of other parts of digestive system	6,906	4,506	3,148	1,206	886	297	43	n.a.	16,992
296 Affective psychoses	4,935	4,272	4,035	878	1,393	294	7	n.a.	15,814
455 Haemorrhoids	6,406	3,504	2,767	1,409	1,001	427	114	n.a.	15,628
780 General symptoms	5,512	3,028	3,938	721	802	519	24	n.a.	14,544
474 Chronic disease of tonsils and adenoids	4,481	3,287	3,101	1,354	1,556	387	219	n.a.	14,385
626 Disorders of menstruation and other abnormal bleeding	4,305	3,229	2,600	1,096	1,764	442	238	n.a.	13,674
553 Other hernia of abdominal cavity without obstruction or gangrene	4,140	4,300	3,288	674	676	285	75	n.a.	13,438
414 Other forms of chronic ischaemic heart disease	6,732	1,416	2,409	628	1,871	363	6	n.a.	13,425
381 Nonsuppurative otitis media and Eustachian tube disorders	3,323	3,646	2,810	1,122	1,796	527	132	n.a.	13,356
574 Cholelithiasis	4,079	3,309	2,925	1,017	1,374	416	162	n.a.	13,282
722 Intervertebral disc disorders	3,689	3,657	2,513	1,022	1,361	330	158	n.a.	12,730
600 Hyperplasia of prostate	3,826	3,802	2,162	1,140	773	482	249	n.a.	12,434
Other	262,912	246,683	207,785	67,678	82,159	35,761	9,052	n.a.	912,030
Not reported	13	1,738	105	0	180	148	0	n.a.	2,184
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

(a) Chemotherapy (V58.1) accounts for 84% of this group.

Table 5.17: Average length of stay (days) for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
V56 Encounter for dialysis	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
V58 Encounter for other and unspecified procedures and aftercare	1.4	1.9	1.2	1.9	1.8	1.2	1.2	3.6	1.6
V57 Care involving use of rehabilitation procedures	16.3	16.2	6.0	29.2	25.6	31.7	33.8	22.8	15.0
493 Asthma	3.4	2.7	3.0	3.4	3.1	3.8	3.1	3.6	3.2
789 Other symptoms involving abdomen and pelvis	2.4	1.8	2.0	2.4	2.1	2.4	2.6	2.4	2.2
780 General symptoms	3.1	3.1	2.6	3.0	2.6	3.1	3.8	3.5	3.0
786 Symptoms involving respiratory system and other chest symptoms	2.4	1.9	2.4	2.4	2.1	2.7	2.2	2.7	2.2
411 Other acute and subacute forms of ischaemic heart disease	5.4	4.9	5.2	5.3	4.6	5.6	5.0	4.3	5.2
664 Trauma to perineum and vulva during delivery	3.6	3.7	3.6	3.6	3.5	3.8	3.2	4.1	3.6
530 Diseases of oesophagus	2.1	1.9	2.0	1.7	2.0	1.9	1.7	2.0	2.0
366 Cataract	1.3	1.2	1.3	1.5	1.2	2.4	1.2	2.0	1.3
428 Heart failure	10.7	7.7	9.1	8.2	7.9	12.1	10.4	7.2	9.2
574 Cholelithiasis	4.2	3.7	3.5	4.3	3.6	3.8	3.8	4.6	3.9
V67 Follow-up examination	1.2	1.1	1.1	1.3	1.1	1.3	1.2	2.0	1.1
410 Acute myocardial infarction	7.5	6.6	7.1	6.7	6.8	7.2	7.6	7.3	7.1
296 Affective psychoses	14.4	12.9	10.8	9.8	21.3	14.1	16.4	16.2	13.3
650 Single spontaneous vaginal delivery	3.0	3.3	3.0	3.2	3.1	3.2	3.4	3.3	3.1
427 Cardiac dysrhythmias	4.0	3.6	3.7	3.2	3.4	5.0	4.1	4.4	3.8
486 Pneumonia, organism unspecified	6.9	7.2	5.9	5.9	6.6	8.9	7.6	5.6	6.7
813 Fracture of radius and ulna	2.0	1.9	2.0	2.1	1.9	2.7	2.0	3.4	2.0
295 Schizophrenic disorders	46.0	19.8	11.6	31.7	39.1	15.0	16.3	10.9	29.9
535 Gastritis and duodenitis	1.8	1.4	1.8	1.6	1.7	1.6	1.6	1.8	1.7
644 Early or threatened labour	2.8	1.9	2.0	2.7	2.3	1.9	3.0	3.4	2.4
413 Angina pectoris	3.4	2.8	3.6	3.4	3.0	4.2	3.3	3.0	3.3
626 Disorders of menstruation and other abnormal bleeding	1.8	1.7	1.8	1.9	2.4	2.2	2.4	1.7	1.8
599 Other disorders of urethra and urinary tract	4.2	4.1	5.0	4.2	3.5	5.2	5.5	4.4	4.3
173 Other malignant neoplasm of skin	3.2	2.3	2.1	2.2	2.4	2.8	1.3	2.1	2.5
642 Hypertension complicating pregnancy, childbirth, and the puerperium	4.8	4.4	4.8	4.5	4.9	4.4	6.5	6.0	4.7
550 Inguinal hernia	2.8	2.1	2.0	2.5	2.4	2.9	2.1	1.8	2.4
996 Complications peculiar to certain specified procedures	8.2	6.4	8.6	7.6	6.2	7.6	8.5	8.4	7.5
Total(a)	5.6	4.2	4.4	4.4	4.8	6.9	4.1	4.0	4.8

(a) For all separations.

Table 5.18: Average length of stay (days) for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, States and Territories, 1995–96

Principal diagnosis	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
366 Cataract	1.3	1.2	1.4	1.6	1.3	1.3	1.7	n.a.	1.3
V58 Encounter for other and unspecified procedures and aftercare	3.2	1.6	1.1	1.5	3.4	2.3	2.0	n.a.	1.8
530 Diseases of oesophagus	1.2	1.3	1.5	2.2	1.5	1.5	1.3	n.a.	1.4
520 Disorders of tooth development and eruption	1.1	1.0	1.0	1.3	1.0	1.0	1.0	n.a.	1.1
V56 Encounter for dialysis	1.0	1.0	1.0	..	1.0	..	..	n.a.	1.0
717 Internal derangement of knee	1.4	1.4	1.3	1.4	1.4	1.3	1.3	n.a.	1.4
535 Gastritis and duodenitis	1.1	1.2	1.4	1.6	1.3	1.5	2.1	n.a.	1.2
715 Osteoarthritis and allied disorders	8.2	8.3	9.2	9.0	6.5	9.0	6.7	n.a.	8.2
789 Other symptoms involving abdomen and pelvis	1.5	1.5	1.8	2.1	2.4	2.0	3.2	n.a.	1.7
173 Other malignant neoplasm of skin	1.7	1.9	1.8	3.1	1.5	1.8	1.8	n.a.	1.8
635 Legally induced abortion	1.0	1.0	1.8	1.0	1.1	1.0	1.5	n.a.	1.0
562 Diverticula of intestine	1.8	1.9	2.1	2.7	2.7	2.5	3.4	n.a.	2.0
569 Other disorders of intestine	1.3	1.8	1.7	2.2	2.1	2.0	2.5	n.a.	1.6
V57 Care involving use of rehabilitation procedures	10.9	23.9	5.0	17.9	19.9	22.7	..	n.a.	13.7
550 Inguinal hernia	2.8	2.5	2.2	2.8	3.0	2.5	2.5	n.a.	2.6
724 Other and unspecified disorders of back	6.0	5.8	5.6	4.0	3.4	4.2	8.6	n.a.	5.1
V26 Procreative management	1.1	1.0	1.0	1.8	1.1	1.8	1.1	n.a.	1.1
V67 Follow-up examination	1.2	1.1	1.3	1.2	1.2	1.2	1.1	n.a.	1.2
211 Benign neoplasm of other parts of digestive system	1.3	1.4	1.5	1.8	1.7	1.5	2.1	n.a.	1.4
296 Affective psychoses	11.0	8.2	9.8	17.6	19.1	8.9	12.6	n.a.	11.0
455 Haemorrhoids	1.5	1.8	2.0	2.4	2.6	2.2	2.2	n.a.	1.9
780 General symptoms	1.5	2.7	3.7	4.5	4.2	2.1	4.2	n.a.	2.7
474 Chronic disease of tonsils and adenoids	1.4	1.3	1.1	1.5	1.5	1.4	1.2	n.a.	1.3
626 Disorders of menstruation and other abnormal bleeding	2.1	1.7	1.8	2.2	2.7	2.3	2.1	n.a.	2.0
553 Other hernia of abdominal cavity without obstruction or gangrene	2.2	1.9	2.2	3.3	3.3	2.5	3.2	n.a.	2.2
414 Other forms of chronic ischaemic heart disease	3.1	6.0	7.4	3.3	6.0	2.6	3.2	n.a.	4.6
381 Nonsuppurative otitis media and Eustachian tube disorders	1.1	1.0	1.0	1.3	1.0	1.0	1.0	n.a.	1.1
574 Cholelithiasis	4.1	3.8	4.1	3.8	4.0	3.8	3.7	n.a.	4.0
722 Intervertebral disc disorders	6.3	6.6	4.8	5.9	5.4	7.0	8.5	n.a.	6.0
600 Hyperplasia of prostate	3.6	3.2	4.2	2.6	4.7	4.7	3.7	n.a.	3.6
Total(a)	3.2	3.8	4.3	3.8	4.0	3.5	3.4	n.a.	3.7

(a) For all separations.

Table 5.19: Separations for males for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, by age group, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
V56 Encounter for dialysis	0	57	1,095	8,821	18,002	24,559	33,391	40,278	53,004	17,062	196,269
V58 Encounter for other and unspecified procedures and aftercare	732	2,468	3,558	2,672	4,653	7,943	13,980	22,651	26,813	10,148	95,618
530 Diseases of oesophagus	1,636	526	592	1,626	4,322	6,519	8,406	7,228	7,995	4,489	43,340
V57 Care involving use of rehabilitation procedures	6	12	72	1,789	2,977	3,135	4,354	5,536	9,258	10,536	37,675
550 Inguinal hernia	1,714	1,521	1,251	1,889	2,785	4,057	5,944	6,354	7,052	4,457	37,024
366 Cataract	22	17	51	78	159	450	1,603	4,063	12,266	17,544	36,258
780 General symptoms	3,173	5,544	1,407	1,289	2,298	3,445	4,946	4,269	4,549	3,910	34,831
411 Other acute and subacute forms of ischaemic heart disease	0	0	3	7	142	1,557	4,958	7,795	10,217	6,645	31,324
717 Internal derangement of knee	1	5	298	5,491	7,718	6,815	5,257	3,219	1,808	524	31,139
786 Symptoms involving respiratory system & other chest symptoms	668	317	233	619	1,908	4,900	7,256	6,184	5,696	3,222	31,005
493 Asthma	1,343	11,265	8,056	1,968	1,045	934	1,140	1,348	1,838	1,405	30,342
173 Other malignant neoplasm of skin	1	8	35	91	421	1,441	3,193	4,769	8,929	9,383	28,273
V67 Follow-up examination	120	306	196	1,202	2,544	2,402	3,970	5,639	7,168	4,694	28,241
789 Other symptoms involving abdomen and pelvis	241	322	2,419	2,879	3,952	4,182	4,102	3,345	3,244	1,999	26,685
600 Hyperplasia of prostate	0	0	0	18	58	227	1,742	6,151	10,698	7,105	25,999
535 Gastritis and duodenitis	72	199	293	1,194	2,818	3,939	4,724	4,605	4,687	2,397	24,928
414 Other forms of chronic ischaemic heart disease	0	4	2	8	128	1,228	4,769	7,185	8,638	2,782	24,744
410 Acute myocardial infarction	0	2	0	20	212	1,403	3,919	5,017	6,159	5,086	21,818
413 Angina pectoris	0	0	0	8	119	1,157	3,761	5,731	7,255	3,623	21,654
715 Osteoarthritis and allied disorders	1	0	7	237	926	1,839	2,954	4,726	6,408	4,031	21,129
428 Heart failure	41	18	28	45	107	216	800	2,290	6,279	10,363	20,187
569 Other disorders of intestine	43	126	135	309	904	2,055	3,657	4,172	4,594	2,319	18,314
427 Cardiac dysrhythmias	92	48	110	316	622	1,111	2,286	3,507	5,630	4,368	18,090
295 Schizophrenic disorders	0	1	17	4,496	6,081	3,838	1,975	675	573	109	17,768
486 Pneumonia, organism unspecified	683	2,047	949	548	860	1,089	1,196	1,684	3,243	5,036	17,335
520 Disorders of tooth development and eruption	17	106	1,669	9,540	3,850	1,067	430	164	125	41	17,009
724 Other and unspecified disorders of back	1	7	54	559	2,448	3,576	3,293	2,434	2,504	1,945	16,821
474 Chronic disease of tonsils and adenoids	33	5,005	7,663	2,145	1,020	387	129	61	21	6	16,470
296 Affective psychoses	0	0	65	1,491	2,788	3,280	2,952	1,817	1,949	1,969	16,313
455 Haemorrhoids	2	13	21	403	1,922	3,885	4,318	2,837	2,051	824	16,276
Other	77,545	79,934	97,838	120,800	141,518	149,471	155,309	155,865	205,725	178,676	1,362,720
Not reported	65	17	34	192	271	233	248	243	292	303	1,903
Total	88,252	109,895	128,151	172,750	219,578	252,340	300,962	331,842	436,668	327,001	2,367,502

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

(b) Chemotherapy (V58.1) accounts for 84% of this group.

Table 5.20: Separations for females for the 30 principal diagnoses in 3 digit ICD-9-CM groupings with the highest number of separations, by age group, all hospitals, Australia, 1995–96

Principal diagnosis	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
V56 Encounter for dialysis	2	55	362	4,141	12,895	17,758	23,970	35,574	45,655	10,832	151,244
V58 Encounter for other and unspecified procedures and aftercare	499	2,036	1,988	2,073	4,498	11,308	21,467	20,933	19,847	8,097	92,746
366 Cataract	6	17	38	49	108	364	1,311	4,353	17,141	31,936	55,328
664 Trauma to perineum and vulva during delivery	0	0	30	12,078	32,182	6,517	18	0	0	0	50,825
789 Other symptoms involving abdomen and pelvis	183	242	2,913	8,282	8,370	8,220	7,349	5,114	4,268	3,325	48,266
V57 Care involving use of rehabilitation procedures	5	10	134	960	1,976	2,845	3,455	4,096	9,374	21,035	43,890
635 Legally induced abortion	0	0	150	17,646	14,664	5,933	121	3	0	0	38,517
626 Disorders of menstruation and other abnormal bleeding	2	3	68	2,262	7,715	15,227	11,250	748	119	65	37,459
530 Diseases of oesophagus	1,370	334	381	1,149	2,458	4,574	6,486	6,491	6,872	5,353	35,470
650 Single spontaneous vaginal delivery	0	0	18	10,178	20,135	3,248	7	0	0	0	33,586
574 Cholelithiasis	1	3	55	2,362	5,305	5,332	5,917	5,357	4,754	3,548	32,634
493 Asthma	520	5,878	5,373	3,870	2,375	2,468	2,628	2,482	2,965	2,579	31,138
520 Disorders of tooth development and eruption	14	85	2,282	19,024	6,079	1,311	435	154	91	56	29,531
644 Early or threatened labour	0	0	30	10,115	14,737	2,844	19	0	0	0	27,745
296 Affective psychoses	3	2	62	2,568	4,701	6,525	5,460	2,631	3,111	2,606	27,676
535 Gastritis and duodenitis	51	178	342	1,367	2,581	3,888	5,414	5,250	5,004	3,346	27,421
642 Hypertension complicating pregnancy, childbirth, puerperium	0	0	13	7,135	15,822	3,644	39	1	0	0	26,654
786 Symptoms involving respiratory system & other chest symptoms	551	249	258	577	1,218	3,019	5,516	5,453	5,433	4,209	26,483
780 General symptoms	2,302	4,287	1,229	1,478	2,956	2,088	1,973	2,050	2,886	5,160	26,409
656 Other foetal & placental problems	0	0	13	7,262	15,412	3,256	11	0	0	0	25,954
715 Osteoarthritis and allied disorders	0	2	11	93	380	1,097	2,710	4,567	7,622	6,714	23,196
562 Diverticula of intestine	4	1	1	9	106	898	2,902	4,789	6,815	5,692	21,217
V26 Procreative management	2	0	1	797	10,769	8,799	287	2	1	0	20,658
428 Heart failure	29	27	25	19	73	146	410	1,280	4,335	14,179	20,523
648 Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth or the puerperium	0	0	16	5,298	11,621	3,408	13	0	0	0	20,356
724 Other and unspecified disorders of back	0	1	88	659	2,117	3,631	3,956	2,663	3,516	3,646	20,277
622 Noninflammatory disorders of cervix	0	1	4	4,415	6,005	4,362	3,232	1,382	613	144	20,159
411 Other acute and subacute forms of ischaemic heart disease	0	1	0	9	46	422	1,661	3,432	6,628	7,768	19,968
474 Chronic disease of tonsils and adenoids	18	3,290	8,353	5,270	1,483	425	119	66	41	14	19,079
599 Other disorders of urethra and urinary tract	637	869	801	1,383	1,391	1,665	1,837	2,107	2,874	5,315	18,879
Other	57,479	55,845	66,931	172,441	303,106	234,414	205,697	170,905	210,893	255,416	1,733,183
Not reported	38	17	14	131	250	248	223	207	290	409	1,854
Total	63,716	73,433	91,984	305,100	513,534	369,884	325,893	292,090	371,148	401,444	2,808,325

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

(b) Chemotherapy (V58.1) accounts for 84% of this group.

6. Principal procedures for admitted patients

Introduction

The *National Health Data Dictionary* defines the principal procedure as the most significant procedure that was performed for treatment of the principal diagnosis. A procedure is one that is surgical in nature, carries a procedural risk, carries an anaesthetic risk, requires specialised training, or requires special facilities or equipment only available in an acute setting. The procedures encompassed in the ICD-9-CM classification include surgical procedures and also non-surgical investigative and therapeutic procedures such as X-rays and chemotherapy.

Procedures are not undertaken for all hospital admissions so only a proportion of the separation records includes principal procedure data. For example, fewer than 40% of the reports for separations with principal diagnoses within the *Mental disorders* and *Infectious and parasitic diseases* chapters included principal procedures in 1995–96.

The tables and figures in this chapter use the information on the principal procedure reported for the separations using ICD-9-CM codes. The tables include the numerical codes and abbreviated descriptions of the categories. Full descriptions are available in the Australian edition of ICD-9-CM, implemented in July 1995 (National Coding Centre 1995).

Information in this chapter is presented using three methods of grouping records based on the ICD-9-CM principal procedure code. Tables and figures using the first two methods incorporate all separations, while those using the third do not:

- ICD-9-CM chapters—these 16 groups provide information aggregated at the ICD-9-CM chapter level (Figures 6.1 and 6.2);
- ICD-9-CM procedure groups—these groupings were chosen to provide more detailed information than ICD-9-CM chapter headings, but still at a manageable level (Tables 6.1 to 6.10). Note that these groups vary slightly from those used in previous Hospital Utilisation and Costs Study reports (for example, Cook 1996);
- 3-digit ICD-9-CM codes that accounted for the highest numbers of separations in the public and private sectors—this method provides information at a level enabling analysis of more specific procedures rather than groups of procedures (Tables 6.11 to 6.18 and Tables D3 and D4 on the diskette). Information in the National Hospital Morbidity Database includes even finer detail (that is, at the 4-digit code level as detailed in ICD-9-CM).

Tables are presented with summary national separation, patient day and length of stay statistics for public and private hospitals. In addition, the data are presented by State and Territory and by age group and sex. Separations for which procedures other than the principal procedure were reported have been analysed by principal procedure only.

Highlights

National

Overall, there were 3.5 million separations for which a principal procedure was reported, 67% of total separations. In terms of patient days, 12 million patient days were reported for separations with a principal procedure, 52% of the total.

Principal procedures were reported for varying proportions of separations in the ICD-9-CM chapter principal diagnoses groups. High proportions of separations for the *Neoplasms* (86%), *Diseases of the blood and blood-forming organs* (83%), *Diseases of the nervous system and sense organs* (82%) and *Diseases of the genitourinary system* (83%) chapters had principal procedures reported. In contrast, principal procedures were reported for smaller proportions of separations with principal diagnoses in the *Mental disorders* (23%), *Infectious and parasitic diseases* (34%) and *Diseases of the respiratory system* (35%) chapters.

Figures 6.1 and 6.2 provide a summary by principal procedure (using ICD-9-CM chapters) of separations from Australian hospitals during 1995–96. Comparing separations for males and females, in both the public and private sectors males had higher proportions of separations for *Operations on the cardiovascular system* and, as expected, *Operations on the male genital organs*. Females dominated the *Operations on female genital organs* and the *Obstetrical procedures* group. Overall, *Miscellaneous diagnostic and therapeutic procedures* accounted for the largest proportion of public hospital separations for which a principal procedure was reported, and *Operations on the digestive system* dominated the private sector separations.

Sector

Public hospitals accounted for 64% of the separations with reported principal procedures, although they accounted for 70% of the separations overall. Similarly, although 75% of overall patient days were in public hospitals, only 70% of patient days associated with principal procedures were in public hospitals. This reflected the higher proportion of separations in the private sector that were reported with a principal procedure, compared with the public sector. In public hospitals, 62% of total separations involved a principal procedure, and these separations were associated with 49% of total patient days (Table 6.1). In contrast, in private hospitals, 81% of total separations involved a principal procedure, and these separations were associated with 62% of total patient days (Table 6.2).

The group of principal procedures which accounted for the most separations in public hospitals was *Other operations on vessels* (390–399). The principal procedure which was responsible for most of these separations was *Haemodialysis* (39.95); this accounted for 95% of this group.

In private hospitals the largest group of principal procedures was *Incision, excision and anastomosis of intestine* (450–459). This group also ranked third in public hospitals and second when combining public and private hospitals. The principal procedures which accounted for most of the separations in this group were diagnostic endoscopies (45.11–45.14, 45.16, 45.21–45.25), 85% of the group overall.

The third largest group for public and private hospitals combined, and second largest in both public and private hospitals was *Other nonoperative procedures* (990–999). The single principal procedure which was responsible for most of these separations was *Chemotherapy* (99.25), 57% of the group overall.

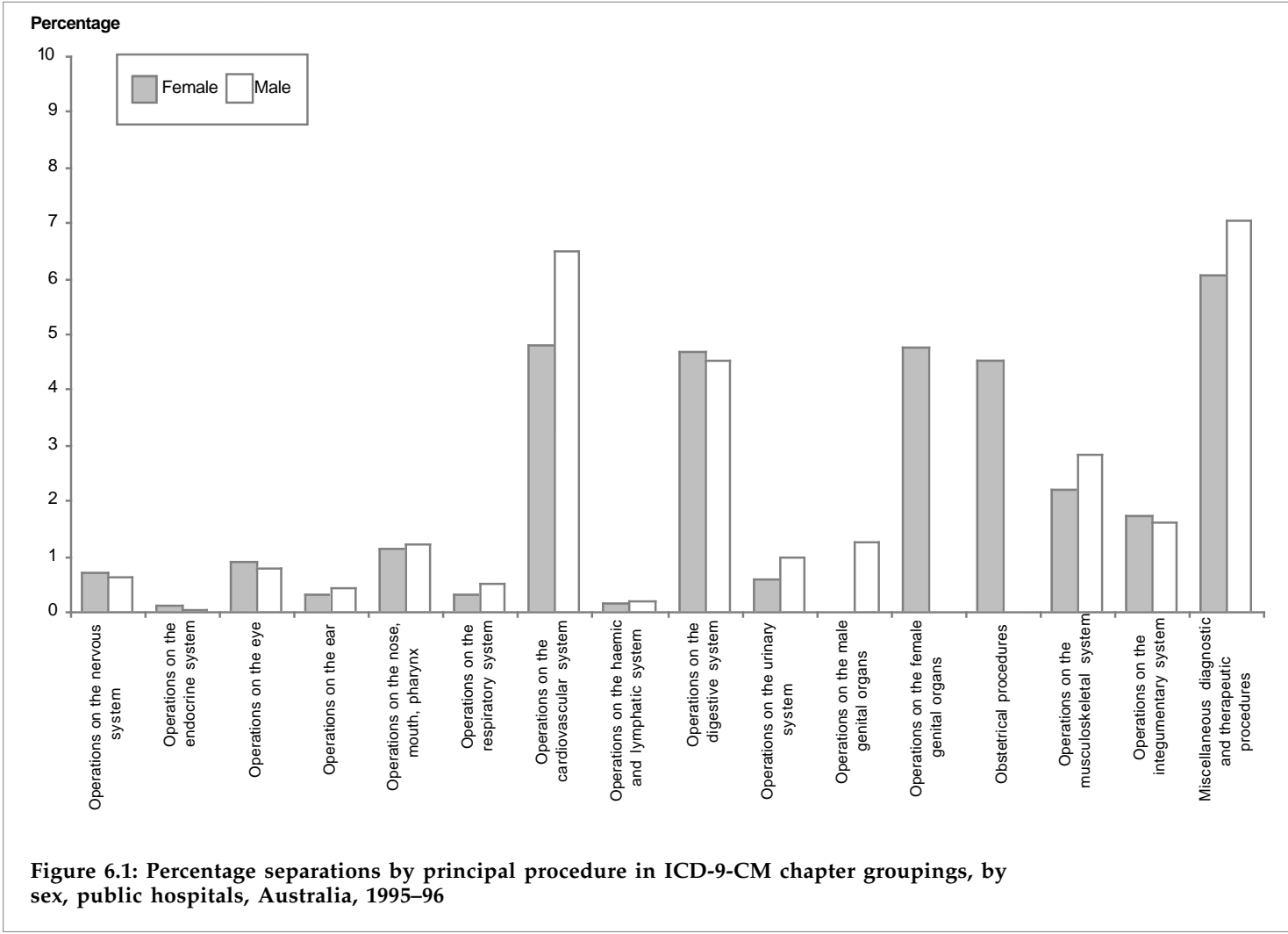
It should be noted, however, that the rankings of these principal procedure groups depend to some extent on the chosen groups of procedure codes.

Age and sex

There was no difference between males and females in the proportion of separations with principal procedures, with both groups recording 67% (Tables 6.7 and 6.8). For both males and females, the two groups of principal procedures with the most separations were *Other operations on vessels* and *Incision, excision and anastomosis of intestine*.

For males, the age group for which the highest number of separations with principal procedures was reported was the 65 to 74 years age group (Table 6.17). However, there was a great variation in the age distribution for the different 3-digit procedures, with males under the age of 5 years dominating the *Respiratory therapy* and *Circumcision* groups, for example.

For females the age group with the largest number of separations with principal procedures was the 25 to 34 years age group (Table 6.18). Older females were more frequently reported for principal procedure groups such as *Extracapsular extraction of lens by fragmentation and aspiration technique* (134) and *Transfusion of blood and blood components* (990).



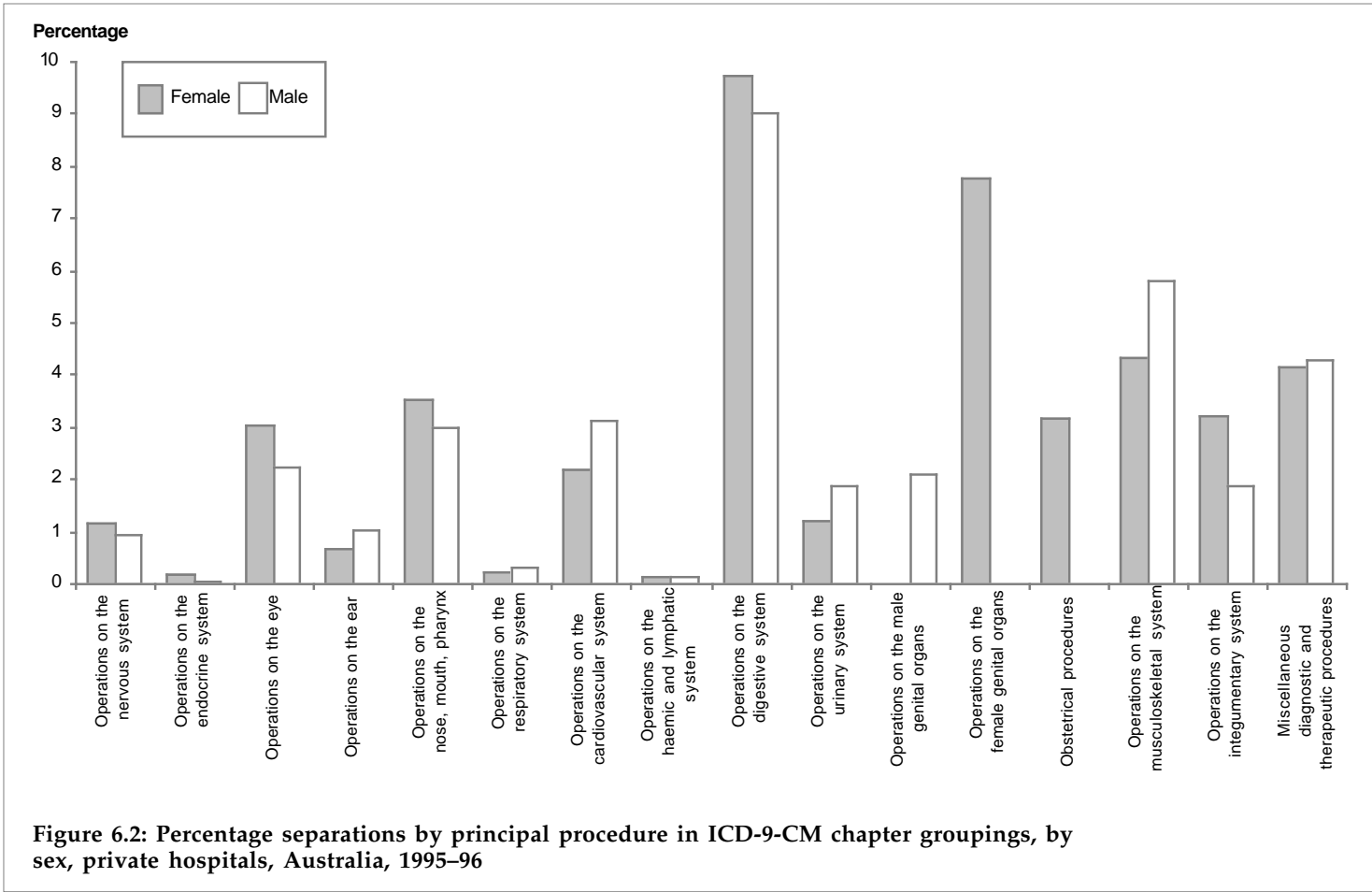


Table 6.1: Separation, same day separation, patient day and average length of stay statistics by principal procedure in ICD-9-CM groupings, public hospitals, Australia, 1995–96

Principal procedure	Separation	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
010–029 Op. on skull, brain & cerebral meninges	7,203	153	2.1	0.4	96,808	5.3	13.4	13.7
030–039 Op. on spinal cord & spinal canal structures	20,875	6,748	32.3	1.1	104,412	5.7	5.0	6.9
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	20,067	11,633	58.0	1.1	43,943	2.4	2.2	3.8
060–079 Op. on thyroid, parathyroid & other endocrine glands	5,425	116	2.1	0.3	26,874	1.5	5.0	5.0
080–129, 140–169 Op. on the eye (excluding lens)	25,599	13,347	52.1	1.4	57,470	3.2	2.2	3.6
130–139 Op. on lens	34,541	19,433	56.3	1.9	46,762	2.6	1.4	1.8
180–189 Op. on external ear	6,106	3,829	62.7	0.3	13,054	0.7	2.1	4.1
190–209 Reconstructive & other op. on middle & inner ear	20,845	14,837	71.2	1.1	27,200	1.5	1.3	2.1
210–229 Op. on nose & nasal sinuses	25,248	9,109	36.1	1.4	44,341	2.4	1.8	2.2
230–249 Operations on teeth, gums & alveoli	25,487	21,090	82.7	1.4	31,486	1.7	1.2	2.4
250–269 Op. on tongue, salivary glands & ducts	3,730	1,528	41.0	0.2	11,565	0.6	3.1	4.6
270–279 Other operations on mouth & face	6,482	3,178	49.0	0.4	16,339	0.9	2.5	4.0
280–299 Op. on tonsils, adenoids & pharynx	24,538	2,131	8.7	1.4	40,677	2.2	1.7	1.7
300–319 Op. on larynx & trachea	5,922	1,869	31.6	0.3	74,778	4.1	12.6	18.0
320–339 Op. on lung & bronchus	14,166	6,614	46.7	0.8	82,880	4.6	5.9	10.1
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	9,850	1,094	11.1	0.5	82,811	4.6	8.4	9.3
350–359 Op. on valves & septa of heart	3,287	14	0.4	0.2	39,007	2.1	11.9	11.9
360–369 Op. on vessels of heart	17,461	68	0.4	1.0	142,906	7.9	8.2	8.2
370–379 Other op. on heart & pericardium	35,722	11,682	32.7	2.0	127,411	7.0	3.6	4.8
380–389 Incision, excision & occlusion of vessels	27,312	7,547	27.6	1.5	146,239	8.1	5.4	7.0
390–399 Other op. on vessels	322,007	306,837	95.3	17.7	451,881	24.9	1.4	9.6
400–419 Op. on the haemic & lymphatic system	13,228	5,125	38.7	0.7	97,245	5.4	7.4	11.4
420–429 Op. on oesophagus	8,814	5,301	60.1	0.5	29,813	1.6	3.4	7.0
430–449 Op. on stomach	15,773	7,187	45.6	0.9	114,831	6.3	7.3	12.5
450–459 Incision, excision & anastomosis of intestine	153,692	113,944	74.1	8.5	473,010	26.0	3.1	9.0
460–469 Other op. on intestine	3,507	170	4.8	0.2	44,531	2.5	12.7	13.3
470–479 Op. on appendix	18,714	49	0.3	1.0	69,363	3.8	3.7	3.7
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	25,124	8,700	34.6	1.4	89,751	4.9	3.6	4.9
500–529 Op. on liver, gallbladder, biliary tract & pancreas	40,904	6,735	16.5	2.3	204,697	11.3	5.0	5.8
530–539 Repair of hernia	32,283	6,491	20.1	1.8	93,028	5.1	2.9	3.4
540–549 Other op. on abdominal region	32,509	15,272	47.0	1.8	143,699	7.9	4.4	7.5
550–559 Op. on kidney	7,077	633	8.9	0.4	54,577	3.0	7.7	8.4
560–599 Op. on the urinary bladder & other urinary tract	50,347	24,002	47.7	2.8	167,908	9.2	3.3	5.5

(continued)

Table 6.1 (continued): Separation, same day separation, patient day and average length of stay statistics by principal procedure in ICD-9-CM groupings, public hospitals, Australia, 1995–96

Principal procedure	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
600–609 Op. on prostate & seminal vesicles	14,217	829	5.8	0.8	81,730	4.5	5.7	6.0
610–629 Op. on scrotum, tunica vaginalis & testes	7,842	2,833	36.1	0.4	16,187	0.9	2.1	2.7
630–639 Op. on spermatic cord, epididymis & vas deferens	10,574	8,496	80.3	0.6	12,348	0.7	1.2	1.9
640–649 Op. on penis	12,376	9,829	79.4	0.7	17,066	0.9	1.4	2.8
650–669 Op. on ovary & fallopian tubes	30,385	16,626	54.7	1.7	66,167	3.6	2.2	3.6
670–676 Op. on cervix	21,666	18,779	86.7	1.2	25,825	1.4	1.2	2.4
680–689 Other incision & excision of uterus	32,943	10,039	30.5	1.8	141,970	7.8	4.3	5.8
690–699 Other op. on uterus & supporting structures	69,286	49,944	72.1	3.8	83,190	4.6	1.2	1.7
700–719 Op. on vagina, cul-de-sac, vulva & perineum	16,509	7,506	45.5	0.9	50,429	2.8	3.1	4.8
720–729 Forceps, vacuum & breech delivery	17,567	174	1.0	1.0	89,194	4.9	5.1	5.1
730–739 Other procedures inducing or assisting delivery	57,619	1,865	3.2	3.2	228,632	12.6	4.0	4.1
740–749 Caesarean section & removal of foetus	34,079	65	0.2	1.9	243,369	13.4	7.1	7.2
750–759 Other obstetric operations	53,370	4,879	9.1	2.9	189,946	10.5	3.6	3.8
760–769 Op. on facial bones & joints	5,593	757	13.5	0.3	20,664	1.1	3.7	4.1
770–789 Op. on bones, except facial bone	26,345	8,725	33.1	1.5	114,284	6.3	4.3	6.0
790–799 Reduction of fracture & dislocation	60,108	8,740	14.5	3.3	311,584	17.2	5.2	5.9
800–809 Incision & excision of joint structures	28,049	14,816	52.8	1.5	83,043	4.6	3.0	5.2
810–819 Repair & plastic op. on joint structures	32,546	3,757	11.5	1.8	304,220	16.7	9.3	10.4
820–839 Op. on muscle, tendon, fascia & bursa	22,988	8,979	39.1	1.3	57,986	3.2	2.5	3.5
840–849 Other procedures on musculoskeletal system	5,976	499	8.4	0.3	93,434	5.1	15.6	17.0
850–859 Op. on the breast	22,241	9,702	43.6	1.2	66,839	3.7	3.0	4.6
860–869 Op. on skin & subcutaneous tissue	98,330	49,152	50.0	5.4	424,108	23.3	4.3	7.6
870–889 Diagnostic radiology & related techniques	91,248	13,234	14.5	5.0	709,904	39.1	7.8	8.9
890–919 Interview, evaluation, consultation & other examination	12,736	1,561	12.3	0.7	57,573	3.2	4.5	5.0
920–922 Nuclear medicine	21,143	1,511	7.1	1.2	198,161	10.9	9.4	10.0
930–939 Physical & respiratory therapy, rehabilitation & related	38,566	9,954	25.8	2.1	396,637	21.8	10.3	13.5
940–949 Procedures related to the psyche	27,582	13,563	49.2	1.5	245,135	13.5	8.9	16.5
950–954 Ophthalmologic & otologic diagnosis & treatment	1,059	853	80.5	0.1	2,407	0.1	2.3	7.5
960–967 Nonoperative intubation & irrigation	23,106	5,708	24.7	1.3	285,422	15.7	12.4	16.1
970–978 Replacement & removal of therapeutic appliances	7,633	5,066	66.4	0.4	25,533	1.4	3.3	8.0
980–985 Nonoperative removal of foreign body or calculus	5,316	2,956	55.6	0.3	7,435	0.4	1.4	1.9
990–999 Other nonoperative procedures	242,531	175,044	72.2	13.4	564,211	31.1	2.3	5.8
No principal procedure or not reported	1,382,632	317,632	23.0	76.1	8,885,422	489.1	6.5	8.1
Total	3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	7.4

Note: Abbreviations: ALOS—average length of stay, op.—operation.

Table 6.2: Separation, same day separation, patient day and average length of stay statistics by principal procedure in ICD-9-CM groupings, private hospitals, Australia, 1995–96

Principal procedure	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
010–029 Op. on skull, brain & cerebral meninges	1,367	32	2.3	0.1	14,763	0.8	10.8	11.0
030–039 Op. on spinal cord & spinal canal structures	13,462	5,321	39.5	0.7	64,514	3.6	4.8	7.3
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	18,409	10,479	56.9	1.0	32,504	1.8	1.8	2.8
060–079 Op. on thyroid, parathyroid & other endocrine glands	3,237	53	1.6	0.2	13,437	0.7	4.2	4.2
080–129, 140–169 Op. on the eye (excluding lens)	25,159	16,200	64.4	1.4	35,524	2.0	1.4	2.2
130–139 Op. on lens	57,903	32,180	55.6	3.2	79,983	4.4	1.4	1.9
180–189 Op. on external ear	5,667	3,691	65.1	0.3	7,404	0.4	1.3	1.9
190–209 Reconstructive & other op. on middle & inner ear	20,991	16,500	78.6	1.2	25,705	1.4	1.2	2.0
210–229 Op. on nose & nasal sinuses	29,452	9,358	31.8	1.6	47,654	2.6	1.6	1.9
230–249 Operations on teeth, gums & alveoli	49,439	34,304	69.4	2.7	54,004	3.0	1.1	1.3
250–269 Op. on tongue, salivary glands & ducts	2,297	915	39.8	0.1	5,403	0.3	2.4	3.2
270–279 Other operations on mouth & face	4,421	2,806	63.5	0.2	6,754	0.4	1.5	2.4
280–299 Op. on tonsils, adenoids & pharynx	17,469	2,085	11.9	1.0	24,974	1.4	1.4	1.5
300–319 Op. on larynx & trachea	2,543	1,572	61.8	0.1	7,366	0.4	2.9	6.0
320–339 Op. on lung & bronchus	3,887	1,861	47.9	0.2	22,876	1.3	5.9	10.4
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	2,196	314	14.3	0.1	16,712	0.9	7.6	8.7
350–359 Op. on valves & septa of heart	1,211	38	3.1	0.1	15,281	0.8	12.6	13.0
360–369 Op. on vessels of heart	10,531	702	6.7	0.6	90,225	5.0	8.6	9.1
370–379 Other op. on heart & pericardium	18,807	4,742	25.2	1.0	44,539	2.5	2.4	2.8
380–389 Incision, excision & occlusion of vessels	15,252	1,922	12.6	0.8	63,513	3.5	4.2	4.6
390–399 Other op. on vessels	37,618	32,597	86.7	2.1	73,981	4.1	2.0	8.2
400–419 Op. on the haemic & lymphatic system	4,852	2,232	46.0	0.3	20,522	1.1	4.2	7.0
420–429 Op. on oesophagus	4,154	3,231	77.8	0.2	9,531	0.5	2.3	6.8
430–449 Op. on stomach	18,070	14,935	82.7	1.0	43,237	2.4	2.4	9.0
450–459 Incision, excision & anastomosis of intestine	193,119	174,426	90.3	10.7	317,663	17.7	1.6	7.7
460–469 Other op. on intestine	1,315	119	9.0	0.1	13,484	0.7	10.3	11.2
470–479 Op. on appendix	5,037	38	0.8	0.3	18,228	1.0	3.6	3.6
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	18,857	7,747	41.1	1.0	66,106	3.7	3.5	5.3
500–529 Op. on liver, gallbladder, biliary tract & pancreas	17,998	1,742	9.7	1.0	74,291	4.1	4.1	4.5
530–539 Repair of hernia	24,937	2,619	10.5	1.4	71,609	4.0	2.9	3.1
540–549 Other op. on abdominal region	12,775	6,176	48.3	0.7	43,520	2.4	3.4	5.7
550–559 Op. on kidney	1,921	96	5.0	0.1	14,133	0.8	7.4	7.7
560–599 Op. on the urinary bladder & other urinary tract	46,857	28,137	60.0	2.6	108,581	6.0	2.3	4.3

(continued)

Table 6.2 (continued): Separation, same day separation, patient day and average length of stay statistics by principal procedure in ICD-9-CM groupings, private hospitals, Australia, 1995–96

Principal procedure	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
600–609 Op. on prostate & seminal vesicles	14,564	2,173	14.9	0.8	69,099	3.8	4.7	5.4
610–629 Op. on scrotum, tunica vaginalis & testes	3,358	1,272	37.9	0.2	6,915	0.4	2.1	2.7
630–639 Op. on spermatic cord, epididymis & vas deferens	9,646	7,276	75.4	0.5	11,737	0.7	1.2	1.9
640–649 Op. on penis	5,591	3,766	67.4	0.3	11,436	0.6	2.0	4.2
650–669 Op. on ovary & fallopian tubes	26,315	18,427	70.0	1.5	44,640	2.5	1.7	3.3
670–676 Op. on cervix	9,792	8,496	86.8	0.5	11,317	0.6	1.2	2.2
680–689 Other incision & excision of uterus	25,874	8,998	34.8	1.4	110,206	6.1	4.3	6.0
690–699 Other op. on uterus & supporting structures	50,380	44,414	88.2	2.8	61,159	3.4	1.2	2.8
700–719 Op. on vagina, cul-de-sac, vulva & perineum	10,361	4,329	41.8	0.6	38,283	2.1	3.7	5.6
720–729 Forceps, vacuum & breech delivery	8,252	12	0.1	0.5	54,922	3.1	6.7	6.7
730–739 Other procedures inducing or assisting delivery	15,274	91	0.6	0.8	90,485	5.0	5.9	6.0
740–749 Caesarean section & removal of foetus	12,977	26	0.2	0.7	105,426	5.9	8.1	8.1
750–759 Other obstetric operations	13,400	732	5.5	0.7	71,974	4.0	5.4	5.6
760–769 Op. on facial bones & joints	2,814	594	21.1	0.2	6,591	0.4	2.3	2.7
770–789 Op. on bones, except facial bone	23,474	7,055	30.1	1.3	76,370	4.2	3.3	4.2
790–799 Reduction of fracture & dislocation	12,500	2,207	17.7	0.7	62,570	3.5	5.0	5.9
800–809 Incision & excision of joint structures	49,010	25,083	51.2	2.7	102,442	5.7	2.1	3.2
810–819 Repair & plastic op. on joint structures	50,068	8,949	17.9	2.8	333,480	18.5	6.7	7.9
820–839 Op. on muscle, tendon, fascia & bursa	20,172	8,441	41.8	1.1	39,698	2.2	2.0	2.7
840–849 Other procedures on musculoskeletal system	1,774	252	14.2	0.1	23,123	1.3	13.0	15.0
850–859 Op. on the breast	22,002	8,293	37.7	1.2	56,946	3.2	2.6	3.5
860–869 Op. on skin & subcutaneous tissue	58,261	36,443	62.6	3.2	151,937	8.4	2.6	5.3
870–889 Diagnostic radiology & related techniques	20,019	3,142	15.7	1.1	125,509	7.0	6.3	7.3
890–919 Interview, evaluation, consultation & other examination	8,406	784	9.3	0.5	16,821	0.9	2.0	2.1
920–922 Nuclear medicine	3,332	95	2.9	0.2	39,124	2.2	11.7	12.1
930–939 Physical & respiratory therapy, rehabilitation & related	18,039	9,994	55.4	1.0	106,627	5.9	5.9	12.0
940–949 Procedures related to the psyche	10,919	5,731	52.5	0.6	111,298	6.2	10.2	20.3
950–954 Ophthalmologic & otologic diagnosis & treatment	103	85	82.5	<0.1	171	<0.1	1.7	4.8
960–967 Nonoperative intubation & irrigation	3,681	2,124	57.7	0.2	15,923	0.9	4.3	8.9
970–978 Replacement & removal of therapeutic appliances	2,760	1,908	69.1	0.2	5,077	0.3	1.8	3.7
980–985 Nonoperative removal of foreign body or calculus	3,791	2,486	65.6	0.2	4,602	0.3	1.2	1.6
990–999 Other nonoperative procedures	62,543	45,042	72.0	3.5	123,809	6.9	2.0	4.5
No principal procedure or not reported	307,269	83,903	27.3	17.1	2,257,135	125.5	7.3	9.7
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	6.4

Note: Abbreviations: ALOS—average length of stay, op.—operation.

Table 6.3: Separations by principal procedure in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	2,629	1,744	1,147	711	582	172	175	43	7,203
030–039 Op. on spinal cord & spinal canal structures	7,504	3,343	3,991	2,468	2,343	467	458	301	20,875
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	6,434	4,951	3,227	2,594	2,050	387	317	107	20,067
060–079 Op. on thyroid, parathyroid & other endocrine glands	2,241	1,421	810	349	351	132	85	36	5,425
080–129, 140–169 Op. on the eye (excluding lens)	8,804	7,397	3,882	2,532	2,280	272	208	224	25,599
130–139 Op. on lens	13,143	9,694	4,625	3,269	3,239	75	310	186	34,541
180–189 Op. on external ear	1,702	1,433	1,400	672	654	94	104	47	6,106
190–209 Reconstructive & other op. on middle & inner ear	5,679	6,331	2,673	2,525	2,640	272	462	263	20,845
210–229 Op. on nose & nasal sinuses	7,138	7,422	4,339	2,434	2,817	425	482	191	25,248
230–249 Operations on teeth, gums & alveoli	6,946	6,694	4,684	2,822	2,603	747	616	375	25,487
250–269 Op. on tongue, salivary glands & ducts	1,331	900	652	369	349	58	53	18	3,730
270–279 Other operations on mouth & face	2,114	1,426	1,239	731	646	148	129	49	6,482
280–299 Op. on tonsils, adenoids & pharynx	7,779	6,987	3,617	2,452	2,819	330	404	150	24,538
300–319 Op. on larynx & trachea	2,316	1,125	1,183	442	648	103	67	38	5,922
320–339 Op. on lung & bronchus	5,714	1,959	2,819	1,302	1,487	535	258	92	14,166
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	3,392	2,098	1,963	1,055	886	184	184	88	9,850
350–359 Op. on valves & septa of heart	1,205	816	735	254	193	84	0	0	3,287
360–369 Op. on vessels of heart	6,956	3,940	2,126	2,115	1,652	669	3	0	17,461
370–379 Other op. on heart & pericardium	15,763	3,340	5,157	4,372	4,549	1,080	1,451	10	35,722
380–389 Incision, excision & occlusion of vessels	8,421	7,164	5,538	2,187	3,112	550	268	72	27,312
390–399 Other op. on vessels	105,839	80,527	49,380	25,854	30,535	6,426	10,692	12,754	322,007
400–419 Op. on the haemic & lymphatic system	4,600	2,203	2,918	1,391	1,199	429	405	83	13,228
420–429 Op. on oesophagus	3,174	2,072	1,460	719	843	348	163	35	8,814
430–449 Op. on stomach	8,202	2,345	2,585	647	973	482	179	360	15,773
450–459 Incision, excision & anastomosis of intestine	61,587	20,154	29,458	18,901	14,930	3,860	3,700	1,102	153,692
460–469 Other op. on intestine	1,295	891	617	293	265	62	59	25	3,507
470–479 Op. on appendix	6,711	4,768	2,858	2,028	1,321	413	403	212	18,714
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	9,536	5,833	3,768	2,807	2,218	434	306	222	25,124
500–529 Op. on liver, gallbladder, biliary tract & pancreas	15,982	8,811	6,670	3,760	3,776	937	744	224	40,904
530–539 Repair of hernia	11,342	8,151	5,722	2,979	2,916	475	468	230	32,283
540–549 Other op. on abdominal region	11,745	6,780	6,381	3,312	2,534	645	771	341	32,509
550–559 Op. on kidney	2,826	1,376	1,054	627	720	176	184	114	7,077
560–599 Op. on the urinary bladder & other urinary tract	19,291	8,709	7,981	5,995	6,179	1,406	514	272	50,347

(continued)

Table 6.3 (continued): Separations by principal procedure in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	4,979	4,489	1,506	1,013	1,513	390	278	49	14,217
610–629 Op. on scrotum, tunica vaginalis & testes	2,586	2,072	1,351	803	636	207	117	70	7,842
630–639 Op. on spermatic cord, epididymis & vas deferens	3,700	3,119	915	1,267	1,299	169	43	62	10,574
640–649 Op. on penis	4,768	3,405	1,183	1,275	1,227	191	71	256	12,376
650–669 Op. on ovary & fallopian tubes	9,855	8,685	4,021	3,786	2,645	590	451	352	30,385
670–676 Op. on cervix	7,139	5,944	4,235	1,308	2,091	303	331	315	21,666
680–689 Other incision & excision of uterus	12,202	7,844	5,036	3,203	3,271	661	451	275	32,943
690–699 Other op. on uterus & supporting structures	20,529	20,580	8,493	6,633	9,031	1,418	992	1,610	69,286
700–719 Op. on vagina, cul-de-sac, vulva & perineum	5,370	3,857	2,984	1,320	2,366	279	186	147	16,509
720–729 Forceps, vacuum & breech delivery	5,997	4,527	2,514	2,192	1,363	431	383	160	17,567
730–739 Other procedures inducing or assisting delivery	20,535	12,622	11,815	4,121	5,874	1,116	918	618	57,619
740–749 Caesarean section & removal of foetus	11,684	8,330	6,179	3,141	2,849	707	640	549	34,079
750–759 Other obstetric operations	17,982	10,047	12,219	5,045	5,179	1,410	859	629	53,370
760–769 Op. on facial bones & joints	1,689	1,084	1,213	579	609	130	174	115	5,593
770–789 Op. on bones, except facial bone	9,300	6,568	4,562	2,452	2,213	620	430	200	26,345
790–799 Reduction of fracture & dislocation	22,268	13,422	10,141	6,175	4,874	1,251	1,129	848	60,108
800–809 Incision & excision of joint structures	8,751	6,780	5,062	2,587	3,497	566	491	315	28,049
810–819 Repair & plastic op. on joint structures	11,233	7,730	4,835	3,761	3,458	612	709	208	32,546
820–839 Op. on muscle, tendon, fascia & bursa	7,724	5,648	3,949	2,429	2,190	438	383	227	22,988
840–849 Other procedures on musculoskeletal system	2,109	1,289	1,066	607	545	175	100	85	5,976
850–859 Op. on the breast	7,669	6,191	3,586	2,096	1,636	497	342	224	22,241
860–869 Op. on skin & subcutaneous tissue	31,261	19,875	23,117	10,304	9,099	1,868	1,363	1,443	98,330
870–889 Diagnostic radiology & related techniques	38,295	8,500	19,443	10,402	9,038	3,314	1,345	911	91,248
890–919 Interview, evaluation, consultation & other examination	6,448	1,225	2,309	1,940	433	336	24	21	12,736
920–922 Nuclear medicine	9,690	3,728	2,325	1,786	2,232	809	472	101	21,143
930–939 Physical & respiratory therapy, rehabilitation & related	11,113	7,806	9,553	5,036	3,702	1,190	93	73	38,566
940–949 Procedures related to the psyche	6,141	2,294	8,405	6,877	2,776	1,036	32	21	27,582
950–954 Ophthalmologic & otologic diagnosis & treatment	423	98	263	81	179	4	4	7	1,059
960–967 Nonoperative intubation & irrigation	6,292	5,990	4,396	2,597	2,803	592	236	200	23,106
970–978 Replacement & removal of therapeutic appliances	2,277	1,808	1,232	1,606	464	157	58	31	7,633
980–985 Nonoperative removal of foreign body or calculus	2,006	1,081	838	794	459	29	26	83	5,316
990–999 Other nonoperative procedures	80,826	61,112	37,107	27,226	24,760	6,353	4,777	370	242,531
No principal procedure or not reported	483,944	382,950	249,476	107,816	105,264	21,714	14,298	17,170	1,382,632
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

Note: Abbreviation: op.—operation.

Table 6.4: Separations by principal procedure in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	274	455	389	42	126	75	6	n.a.	1,367
030–039 Op. on spinal cord & spinal canal structures	3,436	3,936	1,934	1,534	1,774	784	64	n.a.	13,462
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	5,499	4,758	3,478	1,858	1,877	778	161	n.a.	18,409
060–079 Op. on thyroid, parathyroid & other endocrine glands	961	838	714	275	284	151	14	n.a.	3,237
080–129, 140–169 Op. on the eye (excluding lens)	9,316	5,780	5,495	1,823	1,647	914	184	n.a.	25,159
130–139 Op. on lens	20,572	11,946	14,755	3,405	4,847	2,174	204	n.a.	57,903
180–189 Op. on external ear	1,910	1,208	1,269	411	590	178	101	n.a.	5,667
190–209 Reconstructive & other op. on middle & inner ear	5,445	5,696	4,016	1,857	3,044	718	215	n.a.	20,991
210–229 Op. on nose & nasal sinuses	9,344	6,863	6,190	2,325	3,671	681	378	n.a.	29,452
230–249 Operations on teeth, gums & alveoli	13,785	14,643	8,732	5,581	4,591	1,215	892	n.a.	49,439
250–269 Op. on tongue, salivary glands & ducts	739	571	442	207	222	78	38	n.a.	2,297
270–279 Other operations on mouth & face	1,548	1,051	926	250	409	183	54	n.a.	4,421
280–299 Op. on tonsils, adenoids & pharynx	5,184	3,866	4,248	1,505	1,911	514	241	n.a.	17,469
300–319 Op. on larynx & trachea	836	483	564	235	297	110	18	n.a.	2,543
320–339 Op. on lung & bronchus	551	559	1,692	364	437	266	18	n.a.	3,887
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	368	599	637	191	282	88	31	n.a.	2,196
350–359 Op. on valves & septa of heart	354	423	281	51	102	0	0	n.a.	1,211
360–369 Op. on vessels of heart	3,401	3,707	1,803	650	968	2	0	n.a.	10,531
370–379 Other op. on heart & pericardium	9,034	2,064	4,420	1,246	1,508	534	1	n.a.	18,807
380–389 Incision, excision & occlusion of vessels	4,389	4,314	3,405	978	1,305	737	124	n.a.	15,252
390–399 Other op. on vessels	9,567	13,805	7,080	364	6,667	135	0	n.a.	37,618
400–419 Op. on the haemic & lymphatic system	1,210	832	1,874	356	315	222	43	n.a.	4,852
420–429 Op. on oesophagus	1,193	980	1,124	178	501	156	22	n.a.	4,154
430–449 Op. on stomach	10,973	2,246	3,889	284	464	176	38	n.a.	18,070
450–459 Incision, excision & anastomosis of intestine	77,916	32,120	49,348	14,489	13,052	5,649	545	n.a.	193,119
460–469 Other op. on intestine	351	385	356	68	109	42	4	n.a.	1,315
470–479 Op. on appendix	1,167	1,363	1,359	425	435	260	28	n.a.	5,037
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	7,063	4,228	3,624	1,701	1,528	574	139	n.a.	18,857
500–529 Op. on liver, gallbladder, biliary tract & pancreas	5,618	4,347	4,218	1,387	1,646	596	186	n.a.	17,998
530–539 Repair of hernia	8,266	6,362	5,342	1,888	1,893	810	376	n.a.	24,937
540–549 Other op. on abdominal region	3,709	2,668	3,736	817	1,140	527	178	n.a.	12,775
550–559 Op. on kidney	564	481	377	177	136	122	64	n.a.	1,921
560–599 Op. on the urinary bladder & other urinary tract	16,456	10,990	9,175	4,546	3,426	1,735	529	n.a.	46,857

(continued)

Table 6.4 (continued): Separations by principal procedure in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	4,460	4,119	2,732	1,219	1,006	698	330	n.a.	14,564
610–629 Op. on scrotum, tunica vaginalis & testes	931	868	722	242	266	266	63	n.a.	3,358
630–639 Op. on spermatic cord, epididymis & vas deferens	3,503	2,657	1,362	816	777	411	120	n.a.	9,646
640–649 Op. on penis	2,065	1,422	1,039	454	291	231	89	n.a.	5,591
650–669 Op. on ovary & fallopian tubes	7,714	6,913	6,642	2,069	1,692	915	370	n.a.	26,315
670–676 Op. on cervix	3,838	2,278	1,777	745	551	486	117	n.a.	9,792
680–689 Other incision & excision of uterus	8,656	5,233	5,621	2,257	2,718	1,073	316	n.a.	25,874
690–699 Other op. on uterus & supporting structures	25,290	9,471	5,389	6,282	2,319	1,175	454	n.a.	50,380
700–719 Op. on vagina, cul-de-sac, vulva & perineum	3,739	2,326	2,092	859	889	346	110	n.a.	10,361
720–729 Forceps, vacuum & breech delivery	2,274	2,161	1,783	864	751	226	193	n.a.	8,252
730–739 Other procedures inducing or assisting delivery	3,524	4,665	3,597	1,050	1,417	745	276	n.a.	15,274
740–749 Caesarean section & removal of foetus	3,230	3,080	3,495	1,131	1,278	477	286	n.a.	12,977
750–759 Other obstetric operations	3,759	4,023	2,795	1,051	1,020	550	202	n.a.	13,400
760–769 Op. on facial bones & joints	760	907	499	105	417	74	52	n.a.	2,814
770–789 Op. on bones, except facial bone	7,565	6,698	3,479	2,002	2,502	799	429	n.a.	23,474
790–799 Reduction of fracture & dislocation	3,031	3,535	3,227	803	1,128	697	79	n.a.	12,500
800–809 Incision & excision of joint structures	16,006	12,040	8,356	4,118	5,996	1,871	623	n.a.	49,010
810–819 Repair & plastic op. on joint structures	16,212	11,930	7,775	5,343	6,454	1,514	840	n.a.	50,068
820–839 Op. on muscle, tendon, fascia & bursa	6,204	5,272	3,637	1,715	2,330	738	276	n.a.	20,172
840–849 Other procedures on musculoskeletal system	486	402	473	151	165	89	8	n.a.	1,774
850–859 Op. on the breast	6,973	5,821	4,590	2,061	1,554	734	269	n.a.	22,002
860–869 Op. on skin & subcutaneous tissue	21,036	13,460	12,268	3,788	5,354	1,861	494	n.a.	58,261
870–889 Diagnostic radiology & related techniques	4,574	2,273	5,384	2,321	3,826	1,530	111	n.a.	20,019
890–919 Interview, evaluation, consultation & other examination	5,033	672	1,607	408	199	487	0	n.a.	8,406
920–922 Nuclear medicine	592	1,100	810	71	559	187	13	n.a.	3,332
930–939 Physical & respiratory therapy, rehabilitation & related	4,764	1,771	9,677	478	1,025	291	33	n.a.	18,039
940–949 Procedures related to the psyche	4,715	1,286	3,544	728	582	64	0	n.a.	10,919
950–954 Ophthalmologic & otologic diagnosis & treatment	27	7	54	3	6	4	2	n.a.	103
960–967 Nonoperative intubation & irrigation	473	938	1,485	327	238	208	12	n.a.	3,681
970–978 Replacement & removal of therapeutic appliances	736	887	536	266	140	180	15	n.a.	2,760
980–985 Nonoperative removal of foreign body or calculus	1,356	732	1,167	37	448	28	23	n.a.	3,791
990–999 Other nonoperative procedures	8,774	23,868	18,763	4,343	5,237	1,010	548	n.a.	62,543
No principal procedure or not reported	61,941	125,969	66,637	14,394	24,484	11,669	2,175	n.a.	307,269
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Note: Abbreviation: op.—operation.

Table 6.5: Patient days by principal procedure in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	32,081	22,216	18,482	10,984	6,966	2,423	2,798	858	96,808
030–039 Op. on spinal cord & spinal canal structures	39,410	16,092	19,387	11,522	10,252	2,704	2,965	2,080	104,412
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	14,039	9,238	7,929	5,933	4,712	1,091	790	211	43,943
060–079 Op. on thyroid, parathyroid & other endocrine glands	11,033	6,304	4,370	1,671	1,767	950	570	209	26,874
080–129, 140–169 Op. on the eye (excluding lens)	23,451	12,568	8,937	6,393	4,683	689	304	445	57,470
130–139 Op. on lens	17,998	12,156	6,394	5,096	4,088	287	374	369	46,762
180–189 Op. on external ear	3,379	2,126	4,726	1,212	1,213	187	128	83	13,054
190–209 Reconstructive & other op. on middle & inner ear	8,179	7,847	3,300	3,047	3,448	422	575	382	27,200
210–229 Op. on nose & nasal sinuses	14,638	11,617	6,608	4,498	5,109	898	677	296	44,341
230–249 Operations on teeth, gums & alveoli	8,756	7,323	6,206	3,886	3,272	826	643	574	31,486
250–269 Op. on tongue, salivary glands & ducts	3,860	2,728	2,247	1,186	1,135	228	152	29	11,565
270–279 Other operations on mouth & face	5,571	2,768	3,666	1,971	1,403	507	229	224	16,339
280–299 Op. on tonsils, adenoids & pharynx	14,170	10,327	5,672	4,016	5,036	629	645	182	40,677
300–319 Op. on larynx & trachea	32,036	13,333	12,912	4,478	7,652	996	782	2,589	74,778
320–339 Op. on lung & bronchus	31,056	12,276	17,486	7,965	8,285	3,041	1,904	867	82,880
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	28,125	17,354	16,162	8,910	7,535	1,979	1,905	841	82,811
350–359 Op. on valves & septa of heart	14,121	9,114	8,812	3,452	2,223	1,285	0	0	39,007
360–369 Op. on vessels of heart	56,691	33,328	18,412	16,987	12,452	5,020	16	0	142,906
370–379 Other op. on heart & pericardium	56,940	14,053	20,118	13,445	14,110	4,017	4,701	27	127,411
380–389 Incision, excision & occlusion of vessels	56,115	31,413	28,176	11,438	13,286	2,870	2,398	543	146,239
390–399 Other op. on vessels	157,496	111,008	68,719	35,341	41,544	9,045	13,489	15,239	451,881
400–419 Op. on the haemic & lymphatic system	43,565	14,880	17,356	8,169	8,258	1,979	2,395	643	97,245
420–429 Op. on oesophagus	10,349	6,674	5,693	2,584	2,385	1,234	779	115	29,813
430–449 Op. on stomach	49,029	21,372	18,110	8,175	9,465	3,057	2,211	3,412	114,831
450–459 Incision, excision & anastomosis of intestine	196,258	65,961	91,693	50,806	43,132	10,982	11,174	3,004	473,010
460–469 Other op. on intestine	17,267	10,436	7,814	3,297	3,395	1,057	939	326	44,531
470–479 Op. on appendix	25,868	16,628	10,462	7,297	4,903	1,664	1,653	888	69,363
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	32,670	20,724	12,772	10,329	9,196	1,713	1,271	1,076	89,751
500–529 Op. on liver, gallbladder, biliary tract & pancreas	82,446	43,451	32,141	18,751	18,379	4,580	3,556	1,393	204,697
530–539 Repair of hernia	37,130	19,752	14,724	9,032	9,074	1,640	1,189	487	93,028
540–549 Other op. on abdominal region	57,546	26,705	27,735	12,574	10,911	3,573	3,145	1,510	143,699
550–559 Op. on kidney	21,879	11,060	8,287	4,234	5,135	1,398	1,738	846	54,577
560–599 Op. on the urinary bladder & other urinary tract	61,857	26,937	30,406	22,638	16,752	4,969	3,050	1,299	167,908

(continued)

Table 6.5 (continued): Patient days by principal procedure in ICD-9-CM groupings, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	31,867	22,122	8,885	6,156	7,402	2,608	2,212	478	81,730
610–629 Op. on scrotum, tunica vaginalis & testes	5,648	3,813	2,983	1,521	1,290	478	282	172	16,187
630–639 Op. on spermatic cord, epididymis & vas deferens	4,463	3,360	1,176	1,466	1,480	237	91	75	12,348
640–649 Op. on penis	6,563	3,938	1,903	1,973	1,609	286	162	632	17,066
650–669 Op. on ovary & fallopian tubes	23,371	16,199	10,012	8,129	5,028	1,401	1,259	768	66,167
670–676 Op. on cervix	8,835	6,568	4,889	1,815	2,414	392	430	482	25,825
680–689 Other incision & excision of uterus	51,458	34,989	20,613	14,789	13,150	3,433	2,288	1,250	141,970
690–699 Other op. on uterus & supporting structures	25,257	23,041	11,151	8,524	10,149	1,837	1,328	1,903	83,190
700–719 Op. on vagina, cul-de-sac, vulva & perineum	19,721	12,201	6,968	4,272	5,054	1,055	790	368	50,429
720–729 Forceps, vacuum & breech delivery	30,226	23,138	12,658	11,221	6,811	2,286	1,901	953	89,194
730–739 Other procedures inducing or assisting delivery	81,544	51,694	45,848	16,008	22,702	4,466	3,454	2,916	228,632
740–749 Caesarean section & removal of foetus	84,514	59,311	41,439	22,152	21,169	5,597	4,632	4,555	243,369
750–759 Other obstetric operations	68,265	38,854	38,114	18,814	15,379	4,745	3,001	2,774	189,946
760–769 Op. on facial bones & joints	6,732	3,271	4,245	2,186	2,628	498	646	458	20,664
770–789 Op. on bones, except facial bone	44,646	22,940	20,322	11,499	7,194	3,849	2,279	1,555	114,284
790–799 Reduction of fracture & dislocation	107,812	69,122	58,941	31,124	21,919	9,551	5,815	7,300	311,584
800–809 Incision & excision of joint structures	28,696	18,234	16,213	8,291	6,445	1,780	1,969	1,415	83,043
810–819 Repair & plastic op. on joint structures	113,895	66,437	51,845	30,819	23,689	7,465	8,715	1,355	304,220
820–839 Op. on muscle, tendon, fascia & bursa	21,935	11,288	10,399	6,924	4,560	1,287	912	681	57,986
840–849 Other procedures on musculoskeletal system	32,010	18,660	18,072	9,760	7,869	3,471	1,630	1,962	93,434
850–859 Op. on the breast	24,154	16,190	12,480	6,198	5,014	1,380	870	553	66,839
860–869 Op. on skin & subcutaneous tissue	144,254	82,274	94,600	45,789	34,446	8,007	4,486	10,252	424,108
870–889 Diagnostic radiology & related techniques	314,886	54,886	147,021	76,127	66,593	29,855	13,328	7,208	709,904
890–919 Interview, evaluation, consultation & other examination	29,988	3,798	9,219	9,750	3,545	1,074	102	97	57,573
920–922 Nuclear medicine	95,349	34,087	22,104	14,272	17,565	8,244	5,939	601	198,161
930–939 Physical & respiratory therapy, rehabilitation & related	144,449	89,540	83,976	29,324	38,435	8,095	1,613	1,205	396,637
940–949 Procedures related to the psyche	64,044	24,203	42,787	16,622	90,954	5,253	1,079	193	245,135
950–954 Ophthalmologic & otologic diagnosis & treatment	1,248	121	570	183	209	13	10	53	2,407
960–967 Nonoperative intubation & irrigation	82,287	81,558	49,711	25,431	32,488	4,640	4,872	4,435	285,422
970–978 Replacement & removal of therapeutic appliances	8,668	4,868	4,646	5,056	1,332	445	137	381	25,533
980–985 Nonoperative removal of foreign body or calculus	2,786	1,444	1,388	1,012	604	53	31	117	7,435
990–999 Other nonoperative procedures	193,335	122,099	80,175	78,949	62,525	16,750	8,581	1,797	564,211
No principal procedure or not reported	3,805,335	1,985,461	1,268,157	653,008	724,749	284,836	77,991	85,885	8,885,422
Total	6,973,250	3,659,478	2,769,424	1,500,481	1,567,556	503,307	231,980	185,876	17,391,352

Note: Abbreviation: op.—operation.

Table 6.6: Patient days by principal procedure in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	2,707	4,973	4,456	432	1,222	923	50	n.a.	14,763
030–039 Op. on spinal cord & spinal canal structures	16,817	19,667	11,572	6,119	6,655	3,158	526	n.a.	64,514
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	9,444	7,877	6,393	3,615	3,581	1,354	240	n.a.	32,504
060–079 Op. on thyroid, parathyroid & other endocrine glands	3,497	3,573	3,213	966	1,278	855	55	n.a.	13,437
080–129, 140–169 Op. on the eye (excluding lens)	12,207	8,105	7,848	3,269	2,539	1,330	226	n.a.	35,524
130–139 Op. on lens	26,330	14,743	23,414	5,690	6,492	2,929	385	n.a.	79,983
180–189 Op. on external ear	2,494	1,533	1,618	663	699	267	130	n.a.	7,404
190–209 Reconstructive & other op. on middle & inner ear	7,474	6,447	4,571	2,377	3,724	857	255	n.a.	25,705
210–229 Op. on nose & nasal sinuses	14,171	11,031	10,609	3,978	6,209	1,131	525	n.a.	47,654
230–249 Operations on teeth, gums & alveoli	15,370	14,879	9,007	7,230	5,212	1,386	920	n.a.	54,004
250–269 Op. on tongue, salivary glands & ducts	1,640	1,230	1,247	393	658	166	69	n.a.	5,403
270–279 Other operations on mouth & face	1,992	1,512	1,443	640	672	425	70	n.a.	6,754
280–299 Op. on tonsils, adenoids & pharynx	7,459	5,667	5,168	2,479	3,115	797	289	n.a.	24,974
300–319 Op. on larynx & trachea	1,853	1,419	2,119	400	1,316	240	19	n.a.	7,366
320–339 Op. on lung & bronchus	3,108	3,831	9,715	2,782	1,753	1,599	88	n.a.	22,876
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	2,674	4,376	4,938	1,533	2,213	722	256	n.a.	16,712
350–359 Op. on valves & septa of heart	4,062	5,578	3,653	558	1,430	0	0	n.a.	15,281
360–369 Op. on vessels of heart	27,014	30,625	18,107	4,631	9,839	9	0	n.a.	90,225
370–379 Other op. on heart & pericardium	17,922	6,722	11,391	2,565	4,393	1,538	8	n.a.	44,539
380–389 Incision, excision & occlusion of vessels	15,672	16,463	17,408	4,792	6,041	2,902	235	n.a.	63,513
390–399 Other op. on vessels	18,286	24,909	16,164	3,131	10,017	1,474	0	n.a.	73,981
400–419 Op. on the haemic & lymphatic system	5,040	3,356	6,912	2,089	1,836	1,009	280	n.a.	20,522
420–429 Op. on oesophagus	2,483	2,499	2,423	641	1,082	245	158	n.a.	9,531
430–449 Op. on stomach	16,564	8,559	11,670	2,120	3,193	938	193	n.a.	43,237
450–459 Incision, excision & anastomosis of intestine	104,955	54,828	91,126	29,972	24,681	10,567	1,534	n.a.	317,663
460–469 Other op. on intestine	3,163	4,124	3,708	713	1,094	652	30	n.a.	13,484
470–479 Op. on appendix	4,005	5,072	4,857	1,491	1,720	975	108	n.a.	18,228
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	19,449	16,066	14,476	6,355	7,046	2,310	404	n.a.	66,106
500–529 Op. on liver, gallbladder, biliary tract & pancreas	21,936	18,275	17,533	5,803	7,627	2,396	721	n.a.	74,291
530–539 Repair of hernia	24,694	17,808	13,687	6,087	6,189	2,152	992	n.a.	71,609
540–549 Other op. on abdominal region	9,527	10,985	12,786	3,240	4,726	1,816	440	n.a.	43,520
550–559 Op. on kidney	4,018	3,837	2,767	1,244	1,144	836	287	n.a.	14,133
560–599 Op. on the urinary bladder & other urinary tract	32,061	22,004	23,391	13,761	10,611	5,416	1,337	n.a.	108,581

(continued)

Table 6.6 (continued): Patient days by principal procedure in ICD-9-CM groupings, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	21,008	18,738	13,626	5,091	5,261	3,912	1,463	n.a.	69,099
610–629 Op. on scrotum, tunica vaginalis & testes	1,804	1,690	1,581	529	456	711	144	n.a.	6,915
630–639 Op. on spermatic cord, epididymis & vas deferens	4,395	2,839	1,617	1,304	921	504	157	n.a.	11,737
640–649 Op. on penis	4,651	1,813	2,789	994	477	429	283	n.a.	11,436
650–669 Op. on ovary & fallopian tubes	12,862	10,538	9,900	5,385	3,516	1,844	595	n.a.	44,640
670–676 Op. on cervix	4,633	2,453	1,992	947	627	531	134	n.a.	11,317
680–689 Other incision & excision of uterus	35,268	25,158	21,521	9,881	11,385	5,067	1,926	n.a.	110,206
690–699 Other op. on uterus & supporting structures	30,290	10,593	7,217	8,261	2,788	1,490	520	n.a.	61,159
700–719 Op. on vagina, cul-de-sac, vulva & perineum	13,085	8,619	7,468	3,157	4,052	1,348	554	n.a.	38,283
720–729 Forceps, vacuum & breech delivery	14,860	15,024	11,721	6,063	4,596	1,364	1,294	n.a.	54,922
730–739 Other procedures inducing or assisting delivery	20,776	29,288	21,637	6,205	7,350	3,757	1,472	n.a.	90,485
740–749 Caesarean section & removal of foetus	25,744	26,790	27,755	9,839	9,397	3,484	2,417	n.a.	105,426
750–759 Other obstetric operations	20,459	22,759	14,207	5,793	5,164	2,523	1,069	n.a.	71,974
760–769 Op. on facial bones & joints	1,729	2,028	900	257	1,294	220	163	n.a.	6,591
770–789 Op. on bones, except facial bone	20,312	19,817	17,645	7,068	8,100	2,374	1,054	n.a.	76,370
790–799 Reduction of fracture & dislocation	11,933	18,242	20,417	3,459	4,981	3,273	265	n.a.	62,570
800–809 Incision & excision of joint structures	31,802	25,433	18,663	9,218	11,871	3,974	1,481	n.a.	102,442
810–819 Repair & plastic op. on joint structures	101,493	84,157	57,872	36,547	36,484	12,836	4,091	n.a.	333,480
820–839 Op. on muscle, tendon, fascia & bursa	12,424	9,860	7,168	3,674	4,487	1,456	629	n.a.	39,698
840–849 Other procedures on musculoskeletal system	3,772	4,842	9,438	1,841	2,289	756	185	n.a.	23,123
850–859 Op. on the breast	18,709	15,009	10,366	5,452	4,917	1,824	669	n.a.	56,946
860–869 Op. on skin & subcutaneous tissue	46,159	37,876	33,161	14,138	14,305	5,246	1,052	n.a.	151,937
870–889 Diagnostic radiology & related techniques	30,083	12,203	39,773	15,048	17,869	9,423	1,110	n.a.	125,509
890–919 Interview, evaluation, consultation & other examination	7,518	1,086	4,159	2,212	1,022	824	0	n.a.	16,821
920–922 Nuclear medicine	9,609	9,950	9,835	981	5,188	3,358	203	n.a.	39,124
930–939 Physical & respiratory therapy, rehabilitation & related	51,807	14,841	24,765	3,777	10,191	1,110	136	n.a.	106,627
940–949 Procedures related to the psyche	39,849	18,892	38,075	4,338	9,718	426	0	n.a.	111,298
950–954 Ophthalmologic & otologic diagnosis & treatment	27	12	107	3	9	11	2	n.a.	171
960–967 Nonoperative intubation & irrigation	2,298	4,235	5,343	1,903	1,733	394	17	n.a.	15,923
970–978 Replacement & removal of therapeutic appliances	1,538	1,432	1,036	468	322	253	28	n.a.	5,077
980–985 Nonoperative removal of foreign body or calculus	1,670	958	1,340	38	533	31	32	n.a.	4,602
990–999 Other nonoperative procedures	20,021	43,146	32,954	11,931	11,267	3,056	1,434	n.a.	123,809
No principal procedure or not reported	476,998	741,928	654,298	116,353	199,474	56,135	11,949	n.a.	2,257,135
Total	1,559,674	1,604,822	1,509,736	433,914	552,051	187,318	47,358	n.a.	5,894,873

Note: Abbreviation: op.—operation.

Table 6.7: Separations for males by age group and principal procedure in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
010–029 Op. on skull, brain & cerebral meninges	277	215	387	546	525	507	577	611	753	503	4,901
030–039 Op. on spinal cord & spinal canal structures	848	764	784	846	1,730	2,362	2,277	1,990	2,128	1,286	15,015
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	3	65	200	1,431	2,414	3,086	3,196	2,479	2,545	1,928	17,347
060–079 Op. on thyroid, parathyroid & other endocrine glands	5	57	78	97	215	336	429	408	331	103	2,059
080–129, 140–169 Op. on the eye (excluding lens)	482	1,958	1,549	1,302	1,864	2,296	2,770	3,421	5,360	5,000	26,002
130–139 Op. on lens	46	32	89	109	203	509	1,659	4,157	12,358	17,649	36,816
180–189 Op. on external ear	54	240	891	610	534	648	809	1,005	1,688	1,785	8,264
190–209 Reconstructive & other op. on middle & inner ear	733	10,075	8,267	638	737	925	879	675	563	220	23,714
210–229 Op. on nose & nasal sinuses	17	378	2,346	5,037	5,010	4,656	4,353	3,442	3,366	2,140	30,746
230–249 Operations on teeth, gums & alveoli	15	3,279	4,777	11,326	5,515	2,282	1,486	849	638	287	30,454
250–269 Op. on tongue, salivary glands & ducts	148	459	305	176	274	375	462	461	428	242	3,330
270–279 Other operations on mouth & face	292	559	559	533	618	693	833	798	818	512	6,215
280–299 Op. on tonsils, adenoids & pharynx	66	5,702	8,518	2,442	1,316	891	737	451	296	123	20,542
300–319 Op. on larynx & trachea	174	172	235	211	321	494	875	1,113	1,355	499	5,449
320–339 Op. on lung & bronchus	98	116	104	270	466	682	1,503	2,405	3,657	1,974	11,275
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	63	35	70	784	633	604	732	1,045	1,810	1,429	7,205
350–359 Op. on valves & septa of heart	210	143	87	71	83	133	266	461	689	362	2,505
360–369 Op. on vessels of heart	2	5	2	0	78	1,146	4,209	6,426	7,363	1,994	21,225
370–379 Other op. on heart & pericardium	70	167	154	264	581	2,389	6,945	9,583	10,808	4,531	35,492
380–389 Incision, excision & occlusion of vessels	547	159	232	443	1,114	2,153	2,946	3,834	5,313	2,945	19,686
390–399 Other op. on vessels	62	128	1,215	8,967	18,177	24,760	34,194	41,367	55,759	19,001	203,630
400–419 Op. on the haemic & lymphatic system	53	357	561	702	807	1,008	1,310	1,424	1,857	1,319	9,398
420–429 Op. on oesophagus	72	193	221	122	274	625	1,051	1,406	2,155	1,455	7,574
430–449 Op. on stomach	508	148	205	552	1,515	2,357	2,928	2,876	3,300	2,382	16,771
450–459 Incision, excision & anastomosis of intestine	371	656	1,211	4,971	12,642	21,764	32,542	32,671	36,774	20,902	164,506
460–469 Other op. on intestine	152	65	48	91	147	200	302	482	686	415	2,588
470–479 Op. on appendix	11	84	3,108	3,654	2,254	1,440	748	364	275	118	12,056
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	332	212	264	912	3,377	5,233	5,380	4,021	3,421	1,666	24,818
500–529 Op. on liver, gallbladder, biliary tract & pancreas	51	50	90	374	1,467	2,964	3,837	4,001	4,880	2,952	20,666
530–539 Repair of hernia	1,723	2,501	1,805	2,093	3,427	5,438	7,818	7,777	8,254	4,792	45,628
540–549 Other op. on abdominal region	101	126	242	536	766	1,186	1,552	2,061	2,524	1,424	10,518
550–559 Op. on kidney	158	128	148	305	469	631	871	936	915	429	4,990
560–599 Op. on the urinary bladder & other urinary tract	548	1,388	943	1,064	2,451	4,244	7,629	10,667	17,369	14,657	60,960

(continued)

Table 6.7 (continued): Separations for males by age group and principal procedure in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
600–609 Op. on prostate & seminal vesicles	2	4	8	16	29	112	1,396	6,466	12,046	8,702	28,781
610–629 Op. on scrotum, tunica vaginalis & testes	341	1,881	2,830	1,203	1,079	877	517	511	941	1,020	11,200
630–639 Op. on spermatic cord, epididymis & vas deferens	35	328	362	721	5,680	9,048	2,415	837	590	203	20,219
640–649 Op. on penis	5,625	4,327	3,838	933	859	563	492	582	474	274	17,967
650–759 Op. on female genital organs; obstetrical procedures	..	..	..	..	..	..	..	..	..	..	..
760–769 Op. on facial bones & joints	1	18	251	2,213	1,603	787	483	202	123	59	5,740
770–789 Op. on bones, except facial bone	35	338	2,430	5,611	5,105	3,933	3,246	2,385	1,802	1,008	25,893
790–799 Reduction of fracture & dislocation	32	1,571	11,340	9,589	5,975	3,787	2,721	1,758	1,639	2,273	40,686
800–809 Incision & excision of joint structures	41	91	821	7,324	10,192	10,188	8,330	5,882	3,917	1,478	48,267
810–819 Repair & plastic op. on joint structures	12	59	466	5,723	6,780	5,320	5,001	5,682	7,840	5,440	42,324
820–839 Op. on muscle, tendon, fascia & bursa	202	595	1,208	3,684	3,936	3,894	3,795	3,514	3,254	1,228	25,310
840–849 Other procedures on musculoskeletal system	18	86	99	418	474	520	583	786	1,100	1,180	5,264
850–859 Op. on the breast	8	5	81	517	347	223	223	187	200	134	1,925
860–869 Op. on skin & subcutaneous tissue	524	2,985	6,891	11,802	10,825	9,839	10,129	9,552	12,456	11,099	86,106
870–889 Diagnostic radiology & related techniques	1,247	2,157	2,232	3,574	4,724	5,850	7,440	8,622	12,620	11,580	60,046
890–919 Interview, evaluation, consultation & other examination	534	495	454	359	832	1,797	2,772	2,430	2,409	1,377	13,459
920–922 Nuclear medicine	251	445	283	209	473	748	1,290	2,049	3,126	2,683	11,557
930–939 Physical & respiratory therapy, rehabilitation & related	3,633	1,888	1,647	1,700	2,600	3,002	3,560	3,232	4,386	4,315	29,963
940–949 Procedures related to the psyche	2	6	693	2,398	3,974	4,675	4,245	1,870	1,169	758	19,790
950–954 Ophthalmologic & otologic diagnosis & treatment	139	306	84	20	12	9	13	14	19	16	632
960–967 Nonoperative intubation & irrigation	3,884	733	670	710	1,142	1,213	1,410	1,457	1,827	1,360	14,409
970–978 Replacement & removal of therapeutic appliances	245	443	443	410	409	544	693	863	989	825	5,864
980–985 Nonoperative removal of foreign body or calculus	23	446	445	220	494	841	1,219	1,135	762	264	5,849
990–999 Other nonoperative procedures	6,268	4,603	7,189	6,297	10,740	14,718	21,288	30,708	38,469	19,392	159,672
No principal procedure or not reported	56,858	55,469	43,691	55,620	69,290	70,835	79,596	85,451	124,074	133,309	774,234
Total	88,252	109,895	128,151	172,750	219,578	252,340	300,962	331,842	436,668	327,001	2,367,502

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

Note: Abbreviation: op.—operation.

Table 6.8: Separations for females by age group and principal procedure in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
010–029 Op. on skull, brain & cerebral meninges	147	161	279	299	361	442	564	493	582	341	3,669
030–039 Op. on spinal cord & spinal canal structures	596	634	605	2,013	3,548	2,624	2,757	1,982	2,611	1,952	19,322
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	13	37	138	853	2,315	4,176	5,044	3,204	2,774	2,574	21,129
060–079 Op. on thyroid, parathyroid & other endocrine glands	3	38	72	375	969	1,437	1,522	1,029	813	345	6,603
080–129, 140–169 Op. on the eye (excluding lens)	386	1,875	1,409	1,000	1,459	2,280	2,874	2,909	4,636	5,926	24,756
130–139 Op. on lens	28	35	64	66	125	391	1,354	4,413	17,189	31,958	55,628
180–189 Op. on external ear	46	180	791	499	404	335	261	223	349	421	3,509
190–209 Reconstructive & other op. on middle & inner ear	423	6,257	5,993	680	815	1,058	1,097	846	615	338	18,122
210–229 Op. on nose & nasal sinuses	29	277	1,352	3,300	3,906	3,817	3,518	2,782	2,622	2,351	23,954
230–249 Operations on teeth, gums & alveoli	10	2,856	5,475	21,748	8,221	2,958	1,557	778	499	370	44,472
250–269 Op. on tongue, salivary glands & ducts	65	208	192	190	257	346	392	385	388	274	2,697
270–279 Other operations on mouth & face	247	360	491	352	400	492	584	548	627	587	4,688
280–299 Op. on tonsils, adenoids & pharynx	56	3,753	9,027	5,508	1,655	613	307	229	187	130	21,465
300–319 Op. on larynx & trachea	152	120	117	147	230	396	556	501	529	268	3,016
320–339 Op. on lung & bronchus	66	123	60	192	359	580	1,206	1,439	1,803	950	6,778
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	28	39	61	243	340	436	734	773	1,068	1,119	4,841
350–359 Op. on valves & septa of heart	147	141	95	55	82	132	199	292	512	338	1,993
360–369 Op. on vessels of heart	3	6	3	4	19	173	676	1,696	3,025	1,162	6,767
370–379 Other op. on heart & pericardium	65	102	158	252	382	1,058	2,832	4,489	6,271	3,428	19,037
380–389 Incision, excision & occlusion of vessels	449	155	200	554	2,440	4,224	4,527	3,667	4,059	2,603	22,878
390–399 Other op. on vessels	48	71	475	4,233	13,011	17,875	24,486	35,936	47,347	12,513	155,995
400–419 Op. on the haemic & lymphatic system	30	328	345	629	869	1,076	1,427	1,315	1,437	1,226	8,682
420–429 Op. on oesophagus	59	143	96	102	190	371	689	760	1,305	1,678	5,394
430–449 Op. on stomach	170	143	141	652	1,515	2,362	3,062	2,918	3,143	2,966	17,072
450–459 Incision, excision & anastomosis of intestine	243	473	1,051	6,854	13,476	24,997	36,164	35,105	37,459	26,471	182,303
460–469 Other op. on intestine	72	37	30	73	152	190	262	324	569	525	2,234
470–479 Op. on appendix	6	73	2,647	4,260	2,216	1,213	603	315	212	150	11,695
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	93	151	115	1,041	3,026	3,652	3,541	2,797	2,632	2,115	19,163
500–529 Op. on liver, gallbladder, biliary tract & pancreas	44	38	111	2,263	5,547	6,293	7,216	6,568	6,062	4,094	38,236
530–539 Repair of hernia	409	938	653	252	893	1,480	1,719	1,706	1,950	1,592	11,592
540–549 Other op. on abdominal region	73	105	263	5,505	9,736	7,599	3,856	2,821	2,965	1,836	34,764
550–559 Op. on kidney	54	77	106	278	497	560	694	659	703	380	4,008
560–599 Op. on the urinary bladder & other urinary tract	165	493	664	1,234	2,616	4,444	6,173	6,340	7,872	6,243	36,244

(continued)

Table 6.8 (continued): Separations for females by age group and principal procedure in ICD-9-CM groupings, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
600–649 Op. on male genital organs	..	..	..	..	..	..	..	..	..	..	..
650–669 Op. on ovary & fallopian tubes	12	4	163	5,166	25,718	21,008	3,254	659	467	249	56,700
670–677 Op. on cervix	2	2	11	6,500	10,396	7,335	4,442	1,709	810	250	31,458
680–689 Other incision & excision of uterus	1	3	24	1,377	7,567	19,464	18,449	5,847	4,117	1,967	58,817
690–699 Other op. on uterus & supporting structures	1	3	191	28,999	44,107	27,043	12,119	4,184	2,114	890	119,666
700–719 Op. on vagina, cul-de-sac, vulva & perineum	27	161	347	3,539	5,132	4,763	4,306	3,464	3,441	1,689	26,870
720–729 Forceps, vacuum & breech delivery	0	0	17	5,456	16,986	3,346	14	0	0	0	25,819
730–739 Other procedures inducing or assisting delivery	0	0	36	19,269	44,699	8,856	32	1	0	0	72,893
740–749 Caesarean section & removal of foetus	0	0	22	7,780	30,188	9,003	62	1	0	0	47,056
750–759 Other obstetric operations	0	0	36	16,876	41,004	8,821	31	2	0	0	66,770
760–769 Op. on facial bones & joints	3	13	167	847	546	432	299	155	94	111	2,667
770–789 Op. on bones, except facial bone	24	296	1,711	2,278	2,097	2,702	3,929	3,774	3,897	3,218	23,926
790–799 Reduction of fracture & dislocation	85	1,216	6,557	1,811	1,779	1,903	2,271	2,907	4,304	9,089	31,922
800–809 Incision & excision of joint structures	25	72	693	3,534	3,962	4,782	5,334	4,505	3,951	1,931	28,792
810–819 Repair & plastic op. on joint structures	4	92	533	2,603	3,028	3,739	4,801	5,748	9,536	10,206	40,290
820–839 Op. on muscle, tendon, fascia & bursa	125	486	894	1,842	2,395	2,669	3,124	2,652	2,371	1,290	17,850
840–849 Other procedures on musculoskeletal system	11	54	55	50	82	125	175	233	540	1,161	2,486
850–859 Op. on the breast	22	6	93	2,925	6,190	9,574	10,495	6,191	4,520	2,302	42,318
860–869 Op. on skin & subcutaneous tissue	394	2,445	5,060	6,873	7,863	9,533	9,974	7,896	8,792	11,653	70,485
870–889 Diagnostic radiology & related techniques	942	1,730	1,701	3,241	4,195	4,605	5,452	5,680	9,534	14,141	51,221
890–919 Interview, evaluation, consultation & other examination	417	318	410	394	530	798	1,120	1,100	1,313	1,283	7,683
920–922 Nuclear medicine	141	317	222	349	716	1,071	1,583	1,992	2,901	3,626	12,918
930–939 Physical & respiratory therapy, rehabilitation & related	2,534	1,194	1,066	1,037	1,540	2,177	3,071	2,893	4,125	7,004	26,641
940–949 Procedures related to the psyche	6	11	69	2,142	4,166	4,755	3,204	1,461	1,596	1,301	18,711
950–954 Ophthalmologic & otologic diagnosis & treatment	104	256	57	12	16	8	11	9	22	35	530
960–967 Nonoperative intubation & irrigation	3,033	622	523	957	1,121	1,159	1,187	1,105	1,363	1,305	12,376
970–978 Replacement & removal of therapeutic appliances	168	332	284	240	475	756	631	480	580	583	4,529
980–985 Nonoperative removal of foreign body or calculus	27	386	289	149	357	473	567	425	393	192	3,258
990–999 Other nonoperative procedures	4,663	3,719	4,511	6,046	9,174	16,425	28,178	27,380	28,227	17,076	145,400
No principal procedure or not reported	46,520	39,268	32,963	107,102	155,474	92,479	75,325	69,395	107,325	189,668	915,567
Total	63,716	73,433	91,984	305,100	513,534	369,884	325,893	292,090	371,148	401,444	2,808,325

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

Note: Abbreviation: op.—operation.

Table 6.9: Separations for public patients as a percentage of total separations from public hospitals, by principal procedure in ICD-9-CM groupings, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	64.4	69.6	81.3	60.3	72.9	72.1	81.1	90.7	69.4
030–039 Op. on spinal cord & spinal canal structures	76.2	77.9	87.9	85.5	75.7	86.7	75.1	95.7	80.2
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	75.8	76.6	75.6	85.3	78.7	90.4	78.9	86.0	77.9
060–079 Op. on thyroid, parathyroid & other endocrine glands	76.0	87.3	75.9	88.8	86.6	93.2	94.1	88.9	81.3
080–129, 140–169 Op. on the eye (excluding lens)	70.7	65.3	72.4	85.1	79.0	96.0	90.4	87.5	72.2
130–139 Op. on lens	87.7	58.3	42.9	94.4	79.8	98.7	98.4	84.9	73.5
180–189 Op. on external ear	80.8	73.5	86.5	91.4	78.1	91.5	96.2	87.2	81.8
190–209 Reconstructive & other op. on middle & inner ear	84.2	76.2	57.8	88.0	72.9	95.6	94.2	93.5	77.9
210–229 Op. on nose & nasal sinuses	81.3	77.0	79.5	89.0	85.3	90.1	92.7	85.9	81.3
230–249 Operations on teeth, gums & alveoli	84.6	64.1	80.7	72.5	88.4	98.4	97.9	90.7	78.4
250–269 Op. on tongue, salivary glands & ducts	75.3	81.9	82.2	90.0	85.4	93.1	83.0	94.4	81.0
270–279 Other operations on mouth & face	79.5	78.4	85.9	85.8	83.6	92.6	94.6	91.8	82.3
280–299 Op. on tonsils, adenoids & pharynx	86.4	80.2	58.8	85.5	78.7	98.2	91.8	93.3	79.9
300–319 Op. on larynx & trachea	76.2	74.6	88.1	81.2	82.5	74.8	91.0	78.9	79.5
320–339 Op. on lung & bronchus	68.8	77.6	89.4	80.7	76.4	75.9	81.4	97.8	76.7
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	72.9	79.8	90.5	79.0	75.5	72.8	77.7	90.9	79.0
350–359 Op. on valves & septa of heart	66.6	75.4	82.3	68.1	78.1	47.6	..	..	72.6
360–369 Op. on vessels of heart	71.2	84.2	76.5	59.8	77.5	53.1	66.7	..	73.3
370–379 Other op. on heart & pericardium	75.6	72.1	86.3	62.2	78.6	76.9	73.6	80.0	75.5
380–389 Incision, excision & occlusion of vessels	76.9	80.7	82.7	86.0	86.1	81.3	80.2	88.9	81.0
390–399 Other op. on vessels	78.5	90.6	92.0	88.4	85.4	81.8	98.2	99.1	86.6
400–419 Op. on the haemic & lymphatic system	71.3	79.9	87.8	87.9	76.8	80.4	82.7	94.0	79.4
420–429 Op. on oesophagus	72.4	74.7	86.8	83.2	79.0	84.2	83.4	97.1	77.6
430–449 Op. on stomach	77.8	81.4	80.1	79.9	80.6	85.5	83.2	94.4	79.6
450–459 Incision, excision & anastomosis of intestine	79.4	82.7	83.9	89.5	81.3	87.3	86.4	94.0	82.6
460–469 Other op. on intestine	71.7	76.5	87.8	77.5	80.0	79.0	74.6	88.0	77.2
470–479 Op. on appendix	81.7	88.7	90.2	86.7	87.4	91.5	79.4	92.0	86.0
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	83.9	86.0	83.0	89.2	86.4	92.9	89.9	85.6	85.3
500–529 Op. on liver, gallbladder, biliary tract & pancreas	79.8	85.2	80.5	86.0	86.1	82.7	80.8	90.6	82.4
530–539 Repair of hernia	81.1	79.1	74.9	86.7	82.3	94.5	89.5	81.7	80.5
540–549 Other op. on abdominal region	79.9	81.4	86.5	89.4	83.6	82.6	88.1	90.3	83.1
550–559 Op. on kidney	72.2	81.6	83.4	81.7	79.0	80.7	88.0	100.0	78.3
560–599 Op. on the urinary bladder & other urinary tract	78.2	81.9	84.9	89.6	85.3	89.3	88.1	90.4	82.6

(continued)

Table 6.9 (continued): Separations for public patients as a percentage of total separations from public hospitals, by principal procedure in ICD-9-CM groupings, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	75.8	78.7	80.9	89.5	77.9	92.1	88.1	100.0	79.3
610–629 Op. on scrotum, tunica vaginalis & testes	80.3	78.3	80.2	82.4	79.4	95.2	85.5	91.4	80.5
630–639 Op. on spermatic cord, epididymis & vas deferens	82.3	86.0	55.2	89.0	87.3	97.6	95.3	74.2	82.7
640–649 Op. on penis	86.7	84.6	70.5	87.4	89.0	95.3	91.5	95.7	85.2
650–669 Op. on ovary & fallopian tubes	81.9	72.3	80.1	87.7	78.9	98.6	90.0	87.2	79.9
670–676 Op. on cervix	83.1	80.3	80.2	91.7	91.3	98.3	84.0	91.4	83.5
680–689 Other incision & excision of uterus	81.1	80.8	77.8	88.9	88.7	96.5	85.1	83.6	82.4
690–699 Other op. on uterus & supporting structures	83.9	73.6	84.1	88.6	93.3	98.0	86.1	90.5	83.0
700–719 Op. on vagina, cul-de-sac, vulva & perineum	80.6	80.8	85.0	88.7	82.1	95.0	93.0	93.9	82.8
720–729 Forceps, vacuum & breech delivery	74.3	78.1	81.5	90.1	84.4	65.4	86.7	89.4	79.3
730–739 Other procedures inducing or assisting delivery	80.6	85.0	88.5	91.7	90.9	77.1	84.7	91.1	85.1
740–749 Caesarean section & removal of foetus	75.9	79.7	81.2	90.1	85.4	68.0	80.9	91.3	80.0
750–759 Other obstetric operations	81.0	88.1	91.8	92.2	91.8	80.0	87.8	90.8	87.1
760–769 Op. on facial bones & joints	83.6	79.4	90.6	84.5	83.4	76.9	88.5	94.8	84.6
770–789 Op. on bones, except facial bone	78.6	75.8	82.1	83.7	82.3	83.2	87.4	71.5	79.5
790–799 Reduction of fracture & dislocation	73.0	75.7	91.1	74.9	76.2	77.5	76.0	84.8	77.4
800–809 Incision & excision of joint structures	85.7	83.5	70.8	92.1	86.1	94.7	88.8	74.2	83.3
810–819 Repair & plastic op. on joint structures	80.5	79.5	72.9	88.0	82.0	89.9	83.5	76.0	80.4
820–839 Op. on muscle, tendon, fascia & bursa	78.5	79.5	80.9	85.0	83.5	91.8	80.9	83.2	80.7
840–849 Other procedures on musculoskeletal system	69.3	74.6	85.5	75.3	77.4	76.6	75.0	92.9	75.3
850–859 Op. on the breast	79.9	85.1	77.0	92.9	93.1	98.4	92.1	87.9	83.7
860–869 Op. on skin & subcutaneous tissue	78.1	77.6	90.4	84.8	81.3	85.6	91.1	92.7	82.4
870–889 Diagnostic radiology & related techniques	73.2	79.7	93.7	80.6	78.6	78.7	78.8	93.4	80.1
890–919 Interview, evaluation, consultation & other examination	72.7	80.8	92.2	81.1	83.8	81.5	83.3	100.0	79.0
920–922 Nuclear medicine	72.2	78.1	94.9	82.9	84.9	70.7	82.0	97.0	78.3
930–939 Physical & respiratory therapy, rehabilitation & related	80.4	76.2	89.7	75.2	78.5	56.2	83.9	65.8	80.2
940–949 Procedures related to the psyche	97.6	95.0	99.7	97.6	98.8	81.0	100.0	90.5	97.5
950–954 Ophthalmologic & otologic diagnosis & treatment	73.3	71.4	93.2	70.4	82.5	75.0	100.0	100.0	79.7
960–967 Nonoperative intubation & irrigation	76.2	86.0	90.9	83.5	83.1	81.1	86.4	92.0	83.6
970–978 Replacement & removal of therapeutic appliances	77.5	80.9	88.3	89.0	82.5	80.9	84.5	90.3	82.9
980–985 Nonoperative removal of foreign body or calculus	85.4	86.8	94.0	77.6	91.3	75.9	88.5	94.0	86.5
990–999 Other nonoperative procedures	72.4	82.8	87.7	82.2	80.0	77.8	77.1	96.7	79.5
No principal procedure or not reported	82.5	84.4	91.6	86.8	83.2	81.1	84.2	96.5	85.2
Total	79.7	82.6	88.0	85.9	83.3	82.2	86.7	95.0	83.1

Note: Abbreviation: Op.—operation.

Table 6.10: Patient days for public patients as a percentage of total patient days in public hospitals, by principal procedure in ICD-9-CM groupings, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
010–029 Op. on skull, brain & cerebral meninges	63.2	66.4	85.5	57.5	72.7	71.7	78.7	91.0	69.1
030–039 Op. on spinal cord & spinal canal structures	74.4	73.3	90.1	81.0	80.5	83.4	86.7	95.7	79.5
040–059 Op. on cranial, peripheral, sympathetic nerves, ganglia	74.6	75.6	77.6	83.1	70.6	87.9	67.1	89.6	76.3
060–079 Op. on thyroid, parathyroid & other endocrine glands	74.0	84.1	84.6	82.2	80.6	89.5	92.3	94.3	80.1
080–129, 140–169 Op. on the eye (excluding lens)	64.8	67.6	80.7	79.5	76.8	91.9	84.9	91.9	71.1
130–139 Op. on lens	85.9	59.9	55.9	94.2	80.9	99.7	98.7	91.3	75.7
180–189 Op. on external ear	78.6	74.2	93.4	92.0	74.5	93.0	96.1	92.8	84.6
190–209 Reconstructive & other op. on middle & inner ear	82.5	77.6	64.6	89.5	77.7	93.4	89.7	94.8	79.6
210–229 Op. on nose & nasal sinuses	79.5	78.4	82.8	85.8	83.8	87.2	91.6	81.4	81.2
230–249 Operations on teeth, gums & alveoli	83.7	64.0	84.3	67.3	87.7	98.4	97.5	93.9	78.5
250–269 Op. on tongue, salivary glands & ducts	76.5	81.4	89.9	84.6	81.9	95.6	61.2	96.6	81.8
270–279 Other operations on mouth & face	77.0	77.6	92.6	84.7	82.5	94.1	95.2	98.2	83.1
280–299 Op. on tonsils, adenoids & pharynx	85.2	82.1	70.4	87.4	82.5	98.4	90.1	94.5	82.6
300–319 Op. on larynx & trachea	74.6	67.2	88.6	69.9	77.6	60.2	85.5	97.9	76.5
320–339 Op. on lung & bronchus	72.7	79.1	92.9	80.1	76.7	79.2	80.2	98.3	79.7
340–349 Op. on chest wall, pleura, mediastinum & diaphragm	72.7	77.0	92.7	78.6	75.1	68.0	79.4	91.3	78.6
350–359 Op. on valves & septa of heart	68.0	74.4	84.1	72.2	78.1	42.3	..	..	73.2
360–369 Op. on vessels of heart	71.0	82.7	76.8	64.2	76.8	52.9	37.5	..	73.6
370–379 Other op. on heart & pericardium	72.6	72.1	90.2	70.0	77.5	75.8	74.8	88.9	75.8
380–389 Incision, excision & occlusion of vessels	71.4	77.5	83.3	79.7	78.6	78.5	80.5	83.2	76.6
390–399 Other op. on vessels	75.1	86.7	91.4	87.1	82.3	81.0	93.7	98.8	83.5
400–419 Op. on the haemic & lymphatic system	57.7	75.8	86.8	85.0	80.2	77.4	76.6	98.1	71.0
420–429 Op. on oesophagus	72.2	74.0	90.8	85.3	81.3	80.0	82.3	99.1	78.7
430–449 Op. on stomach	76.5	80.1	88.5	77.6	85.3	77.6	69.5	98.1	80.4
450–459 Incision, excision & anastomosis of intestine	76.0	81.4	89.1	83.7	80.7	81.9	79.1	96.0	80.9
460–469 Other op. on intestine	73.2	72.9	90.6	75.8	69.9	80.3	82.3	90.2	76.6
470–479 Op. on appendix	81.4	87.5	91.3	85.7	85.4	84.4	79.4	93.7	85.3
480–499 Op. on rectum, rectosigmoid, perirectal tissue & anus	78.4	83.4	86.9	84.9	84.6	83.0	87.9	94.5	82.6
500–529 Op. on liver, gallbladder, biliary tract & pancreas	77.3	83.3	85.8	84.4	82.4	83.3	81.2	94.6	81.3
530–539 Repair of hernia	81.3	78.9	82.3	86.3	79.5	95.8	89.7	87.7	81.6
540–549 Other op. on abdominal region	76.0	80.7	90.0	86.8	83.4	74.0	82.7	94.2	81.4
550–559 Op. on kidney	72.4	84.4	87.8	85.3	78.1	76.9	74.1	100.0	79.3
560–599 Op. on the urinary bladder & other urinary tract	74.6	78.8	90.3	81.2	85.7	80.4	87.3	90.4	80.6

(continued)

Table 6.10 (continued): Patient days for public patients as a percentage of total patient days in public hospitals, by principal procedure in ICD-9-CM groupings, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
600–609 Op. on prostate & seminal vesicles	73.6	78.3	87.7	90.9	79.2	89.5	88.0	100.0	79.3
610–629 Op. on scrotum, tunica vaginalis & testes	81.4	76.3	87.2	86.1	69.9	95.2	90.1	95.3	81.5
630–639 Op. on spermatic cord, epididymis & vas deferens	82.2	86.1	62.8	88.8	85.9	95.8	96.7	68.0	82.9
640–649 Op. on penis	85.6	85.0	73.1	80.7	83.6	95.1	91.4	98.2	84.0
650–669 Op. on ovary & fallopian tubes	81.3	77.2	85.9	89.3	84.4	97.4	89.0	92.3	82.8
670–676 Op. on cervix	81.5	78.7	82.5	86.9	89.9	92.9	85.1	72.2	82.2
680–689 Other incision & excision of uterus	81.2	79.0	83.1	88.7	88.5	88.7	87.2	87.7	82.7
690–699 Other op. on uterus & supporting structures	84.0	74.1	86.2	89.9	93.4	96.8	82.5	91.6	83.7
700–719 Op. on vagina, cul-de-sac, vulva & perineum	78.7	80.1	84.8	88.1	85.0	84.2	96.1	96.5	81.8
720–729 Forceps, vacuum & breech delivery	75.9	74.9	80.7	88.5	84.3	60.5	85.8	92.1	78.5
730–739 Other procedures inducing or assisting delivery	82.0	83.5	87.3	91.0	90.6	74.2	85.6	92.3	84.9
740–749 Caesarean section & removal of foetus	76.1	76.7	81.3	87.0	83.3	66.6	80.9	94.0	79.0
750–759 Other obstetric operations	81.6	85.8	89.4	90.3	90.2	72.4	88.3	91.4	85.6
760–769 Op. on facial bones & joints	78.6	68.0	92.8	80.1	71.6	70.9	85.4	84.9	79.3
770–789 Op. on bones, except facial bone	73.3	70.2	85.2	77.5	78.2	76.7	83.7	88.0	76.0
790–799 Reduction of fracture & dislocation	69.6	68.4	89.8	69.4	67.6	66.5	72.7	77.6	73.1
800–809 Incision & excision of joint structures	77.8	78.9	81.0	89.6	84.7	81.7	81.6	91.0	80.8
810–819 Repair & plastic op. on joint structures	78.8	75.6	82.8	85.9	80.3	90.3	89.0	86.9	80.2
820–839 Op. on muscle, tendon, fascia & bursa	75.1	76.8	87.9	83.2	77.3	84.5	76.5	85.0	79.2
840–849 Other procedures on musculoskeletal system	74.1	77.0	90.6	84.8	79.5	72.3	83.2	89.6	79.9
850–859 Op. on the breast	78.6	84.8	64.3	91.7	93.2	99.0	91.6	90.8	80.4
860–869 Op. on skin & subcutaneous tissue	75.3	75.6	87.1	81.7	75.7	73.9	84.7	94.6	79.3
870–889 Diagnostic radiology & related techniques	70.6	79.7	94.8	83.6	80.5	70.0	80.5	93.4	79.0
890–919 Interview, evaluation, consultation & other examination	73.5	76.1	94.3	83.7	93.1	86.2	77.5	100.0	80.2
920–922 Nuclear medicine	73.8	77.0	94.5	84.7	86.8	71.7	80.7	98.5	78.8
930–939 Physical & respiratory therapy, rehabilitation & related	64.9	78.6	87.7	79.7	82.8	64.8	84.2	89.8	75.8
940–949 Procedures related to the psyche	91.5	93.0	99.4	95.7	99.0	87.8	100.0	87.6	96.1
950–954 Ophthalmologic & otologic diagnosis & treatment	79.6	73.6	96.7	80.3	82.6	69.2	100.0	100.0	84.1
960–967 Nonoperative intubation & irrigation	75.3	83.4	90.8	75.7	75.5	62.5	85.9	92.2	80.6
970–978 Replacement & removal of therapeutic appliances	66.8	83.0	88.2	76.7	82.8	69.9	89.8	99.2	77.2
980–985 Nonoperative removal of foreign body or calculus	83.0	87.9	95.1	80.8	92.2	75.5	90.3	95.7	86.8
990–999 Other nonoperative procedures	71.7	80.9	88.8	83.8	82.5	75.7	78.6	98.0	79.3
No principal procedure or not reported	81.4	81.4	88.1	85.6	85.2	68.0	86.0	97.5	82.7
Total	78.3	80.3	88.1	83.7	84.1	71.4	84.2	95.1	81.3

Note: Abbreviation: Op.—operation.

Table 6.11: Separation, same day separation, patient day and average length of stay statistics for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, Australia, 1995–96

Principal procedure	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Rank by patient days
399 Other operations on vessels	310,757	306,334	98.6	17.1	330,764	18.2	1.1	2
992 Injection or infusion of other therapeutic or prophylactic substance	170,220	136,592	80.2	9.4	316,562	17.4	1.9	3
451 Diagnostic procedures on small intestine	80,232	60,887	75.9	4.4	210,967	11.6	2.6	6
452 Diagnostic procedures on large intestine	52,752	42,952	81.4	2.9	102,646	5.7	1.9	17
756 Repair of other current obstetric laceration	42,308	942	2.2	2.3	161,052	8.9	3.8	10
990 Transfusion of blood and blood components	39,709	21,962	55.3	2.2	121,003	6.7	3.0	11
690 Dilatation and curettage of uterus	37,955	26,712	70.4	2.1	46,704	2.6	1.2	45
863 Other local excision or destruction of lesion or tissue of skin and sub. tissue	36,276	28,574	78.8	2.0	83,520	4.6	2.3	23
870 Soft tissue X-ray of face, head, and neck	34,967	4,296	12.3	1.9	343,750	18.9	9.8	1
741 Lower segment caesarean section	33,714	64	0.2	1.9	239,968	13.2	7.1	4
372 Diagnostic procedures on heart and pericardium	29,080	10,997	37.8	1.6	91,521	5.0	3.1	21
695 Aspiration curettage of uterus	28,401	21,409	75.4	1.6	31,035	1.7	1.1	63
730 Artificial rupture of membranes	25,508	583	2.3	1.4	95,473	5.3	3.7	19
793 Open reduction of fracture with internal fixation	24,496	772	3.2	1.3	202,208	11.1	8.3	7
512 Cholecystectomy	24,461	169	0.7	1.3	108,306	6.0	4.4	15
790 Closed reduction of fracture without internal fixation	23,416	5,436	23.2	1.3	48,977	2.7	2.1	44
573 Diagnostic procedures on bladder	23,212	16,262	70.1	1.3	44,790	2.5	1.9	47
134 Extracapsular extraction of lens by fragmentation and aspiration technique	21,089	12,271	58.2	1.2	26,851	1.5	1.3	76
470 Appendectomy	18,501	43	0.2	1.0	68,075	3.7	3.7	28
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	18,498	5,780	31.2	1.0	116,465	6.4	6.3	12
530 Unilateral repair of inguinal hernia	18,377	3,529	19.2	1.0	45,481	2.5	2.5	46
815 Joint replacement of lower extremity	16,211	13	0.1	0.9	217,646	12.0	13.4	5
991 Injection or infusion of therapeutic or prophylactic substance	16,135	9,294	57.6	0.9	49,151	2.7	3.0	41
200 Myringotomy	14,991	13,051	87.1	0.8	16,210	0.9	1.1	111
231 Surgical removal of tooth	14,944	12,231	81.8	0.8	17,713	1.0	1.2	107
673 Other excision or destruction of lesion or tissue of cervix	14,925	13,888	93.1	0.8	15,601	0.9	1.0	114
860 Incision of skin and subcutaneous tissue	14,480	3,580	24.7	0.8	69,817	3.8	4.8	27
939 Respiratory therapy	14,306	4,147	29.0	0.8	90,517	5.0	6.3	22
734 Medical induction of labour	13,365	520	3.9	0.7	60,323	3.3	4.5	35
736 Episiotomy	13,294	264	2.0	0.7	54,354	3.0	4.1	38
Other	988,794	339,353	34.3	54.4	5,078,480	279.6	5.1	..
No principal procedure or not reported	1,382,632	317,632	23.0	76.1	8,885,422	489.1	6.5	..
Total	3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	

Note: 1. Abbreviation: sub.—subcutaneous.

2. A similar listing of the top 200 principal procedures in 3 digit ICD-9-CM groupings is provided on diskette.

Table 6.12: Separation, same day separation, patient day and average length of stay statistics for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, Australia, 1995–96

Principal procedure	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Rank by patient days
452 Diagnostic procedures on large intestine	83,144	76,650	92.2	4.6	106,748	5.9	1.3	3
451 Diagnostic procedures on small intestine	78,417	72,705	92.7	4.4	116,567	6.5	1.5	2
992 Injection or infusion of other therapeutic or prophylactic substance	48,543	39,556	81.5	2.7	74,556	4.1	1.5	5
231 Surgical removal of tooth	40,805	27,164	66.6	2.3	43,577	2.4	1.1	17
134 Extracapsular extraction of lens by fragmentation and aspiration technique	39,358	21,057	53.5	2.2	52,259	2.9	1.3	12
399 Other operations on vessels	32,758	32,393	98.9	1.8	35,110	2.0	1.1	23
863 Other local excision or destruction of lesion or tissue of skin & sub. tissue	27,346	21,697	79.3	1.5	44,291	2.5	1.6	16
454 Local excision or destruction of lesion or tissue of large intestine	27,016	24,933	92.3	1.5	33,351	1.9	1.2	27
573 Diagnostic procedures on bladder	24,993	20,062	80.3	1.4	38,424	2.1	1.5	20
690 Dilatation and curettage of uterus	22,859	18,752	82.0	1.3	27,762	1.5	1.2	32
695 Aspiration curettage of uterus	22,484	21,423	95.3	1.2	26,141	1.5	1.2	37
806 Excision of semilunar cartilage of knee	21,646	13,681	63.2	1.2	26,673	1.5	1.2	36
814 Other repair of joint of lower extremity	17,762	6,473	36.4	1.0	32,408	1.8	1.8	28
372 Diagnostic procedures on heart and pericardium	16,643	4,596	27.6	0.9	34,735	1.9	2.1	24
815 Joint replacement of lower extremity	16,501	21	0.1	0.9	228,111	12.7	13.8	1
200 Myringotomy	16,041	14,818	92.4	0.9	17,687	1.0	1.1	54
530 Unilateral repair of inguinal hernia	15,750	1,377	8.7	0.9	40,397	2.2	2.6	18
441 Diagnostic procedures on stomach	15,133	14,143	93.5	0.8	21,459	1.2	1.4	44
512 Cholecystectomy	13,782	44	0.3	0.8	55,875	3.1	4.1	8
741 Lower segment caesarean section	12,867	25	0.2	0.7	104,466	5.8	8.1	4
756 Repair of other current obstetric laceration	12,049	45	0.4	0.7	67,599	3.8	5.6	7
218 Repair and plastic operations on the nose	11,658	1,388	11.9	0.6	19,836	1.1	1.7	48
044 Lysis of adhesions and decompression of cranial and peripheral nerves	11,574	6,890	59.5	0.6	15,708	0.9	1.4	61
659 Other operations on ovary	10,535	9,425	89.5	0.6	11,740	0.7	1.1	78
602 Transurethral prostatectomy	10,255	58	0.6	0.6	53,065	2.9	5.2	10
385 Ligation and stripping of varicose veins	10,028	1,045	10.4	0.6	23,992	1.3	2.4	40
852 Excision or destruction of breast tissue	9,957	5,481	55.0	0.6	19,726	1.1	2.0	50
039 Other operations on spinal cord and spinal canal structures	9,773	5,124	52.4	0.5	31,298	1.7	3.2	30
135 Other extracapsular extraction of lens	9,471	4,467	47.2	0.5	14,429	0.8	1.5	69
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	8,784	4,541	51.7	0.5	32,325	1.8	3.7	29
Other	572,730	217,856	38.0	31.8	2,187,423	121.6	3.8	..
No principal procedure or not reported	307,269	83,903	27.3	17.1	2,257,135	125.5	7.3	..
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	

Note 1. Abbreviation: sub.—subcutaneous.

2. A similar listing of the top 200 principal procedures in 3 digit ICD-9-CM groupings is provided on diskette.

Table 6.13: Separations for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
399 Other operations on vessels	101,779	77,503	47,964	24,882	29,386	6,201	10,374	12,668	310,757
992 Injection or infusion of other therapeutic or prophylactic substance	54,614	43,621	26,914	19,648	16,925	4,593	3,778	127	170,220
451 Diagnostic procedures on small intestine	32,238	9,628	15,415	10,301	8,245	1,840	1,947	618	80,232
452 Diagnostic procedures on large intestine	21,458	5,695	11,097	6,108	5,076	1,608	1,310	400	52,752
756 Repair of other current obstetric laceration	17,227	9,139	7,533	3,841	2,626	587	784	571	42,308
990 Transfusion of blood and blood components	14,526	10,950	5,173	3,041	4,155	1,133	578	153	39,709
690 Dilation and curettage of uterus	12,460	10,033	7,184	3,832	2,691	666	632	457	37,955
863 Other local excision or destruction of lesion or tissue of skin and sub. tissue	11,587	7,401	8,902	3,470	3,123	820	760	213	36,276
870 Soft tissue X-ray of face, head, and neck	14,074	3,442	7,662	3,558	4,196	1,143	451	441	34,967
741 Lower segment caesarean section	11,553	8,243	6,099	3,106	2,835	699	631	548	33,714
372 Diagnostic procedures on heart and pericardium	13,312	1,550	4,367	3,690	3,916	947	1,298	0	29,080
695 Aspiration curettage of uterus	7,099	9,490	1,082	2,391	6,126	726	340	1,147	28,401
730 Artificial rupture of membranes	9,244	6,043	5,320	2,032	1,418	652	531	268	25,508
793 Open reduction of fracture with internal fixation	8,651	6,005	4,169	2,565	1,595	569	571	371	24,496
512 Cholecystectomy	9,163	6,197	3,941	1,959	2,298	399	344	160	24,461
790 Closed reduction of fracture without internal fixation	9,556	4,856	3,816	2,333	1,760	403	370	322	23,416
573 Diagnostic procedures on bladder	9,459	2,636	4,158	2,826	3,085	773	158	117	23,212
134 Extracapsular extraction of lens by fragmentation and aspiration technique	7,820	7,044	2,510	1,443	2,243	2	20	7	21,089
470 Appendectomy	6,615	4,742	2,807	2,012	1,315	411	391	208	18,501
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	6,155	4,763	3,165	1,466	2,006	366	217	360	18,498
530 Unilateral repair of inguinal hernia	6,668	4,602	3,127	1,699	1,607	287	257	130	18,377
815 Joint replacement of lower extremity	6,637	3,814	2,166	1,146	1,726	362	322	38	16,211
991 Injection or infusion of therapeutic or prophylactic substance	5,272	2,921	2,503	2,680	2,144	364	246	5	16,135
200 Myringotomy	3,685	4,817	1,816	1,905	2,094	207	294	173	14,991
231 Surgical removal of tooth	4,166	3,912	2,741	1,427	1,561	365	526	246	14,944
673 Other excision or destruction of lesion or tissue of cervix	4,850	4,693	2,680	898	1,124	227	220	233	14,925
860 Incision of skin and subcutaneous tissue	4,697	2,477	3,255	1,762	1,231	349	122	587	14,480
939 Respiratory therapy	4,134	2,698	3,155	2,923	998	334	31	33	14,306
734 Medical induction of labour	5,281	3,484	2,402	618	1,067	243	140	130	13,365
736 Episiotomy	5,137	2,804	2,116	1,374	1,208	206	230	219	13,294
Other	343,065	215,352	177,273	108,474	98,840	23,244	14,657	7,889	988,794
No principal procedure or not reported	483,944	382,950	249,476	107,816	105,264	21,714	14,298	17,170	1,382,632
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

Table 6.14: Separations for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
452 Diagnostic procedures on large intestine	34,078	14,174	21,704	5,474	5,062	2,422	230	n.a.	83,144
451 Diagnostic procedures on small intestine	30,915	11,219	20,628	6,559	6,197	2,694	205	n.a.	78,417
992 Injection or infusion of other therapeutic or prophylactic substance	6,181	19,797	14,147	3,236	4,073	680	429	n.a.	48,543
231 Surgical removal of tooth	11,618	12,070	7,503	4,230	3,656	939	789	n.a.	40,805
134 Extracapsular extraction of lens by fragmentation and aspiration technique	13,684	8,973	9,754	1,438	3,359	2,054	96	n.a.	39,358
399 Other operations on vessels	8,439	12,156	6,122	16	6,020	5	0	n.a.	32,758
863 Other local excision or destruction of lesion or tissue of skin and sub. tissue	10,273	6,115	6,179	1,505	2,020	914	340	n.a.	27,346
454 Local excision or destruction of lesion or tissue of large intestine	11,805	5,484	5,834	2,127	1,332	368	66	n.a.	27,016
573 Diagnostic procedures on bladder	8,584	6,361	5,084	2,616	1,165	915	268	n.a.	24,993
690 Dilatation and curettage of uterus	9,503	4,777	4,169	1,676	1,494	853	387	n.a.	22,859
695 Aspiration curettage of uterus	13,813	3,139	449	4,049	711	274	49	n.a.	22,484
806 Excision of semilunar cartilage of knee	7,713	5,617	2,966	1,745	2,677	673	255	n.a.	21,646
814 Other repair of joint of lower extremity	6,202	4,339	2,411	1,489	2,681	263	377	n.a.	17,762
372 Diagnostic procedures on heart and pericardium	8,500	1,318	3,931	1,172	1,206	516	0	n.a.	16,643
815 Joint replacement of lower extremity	5,295	4,237	2,992	1,578	1,530	646	223	n.a.	16,501
200 Myringotomy	4,041	4,591	2,873	1,422	2,393	573	148	n.a.	16,041
530 Unilateral repair of inguinal hernia	5,280	4,102	3,189	1,190	1,167	562	260	n.a.	15,750
441 Diagnostic procedures on stomach	10,217	1,403	3,184	65	120	125	19	n.a.	15,133
512 Cholecystectomy	4,553	3,399	2,938	1,026	1,239	454	173	n.a.	13,782
741 Lower segment caesarean section	3,208	3,025	3,475	1,128	1,276	476	279	n.a.	12,867
756 Repair of other current obstetric laceration	3,400	3,617	2,437	910	972	524	189	n.a.	12,049
218 Repair and plastic operations on the nose	4,035	3,148	1,910	843	1,368	214	140	n.a.	11,658
044 Lysis of adhesions and decompression of cranial and peripheral nerves	3,254	3,244	2,409	1,054	1,101	394	118	n.a.	11,574
659 Other operations on ovary	2,813	3,407	2,633	630	651	245	156	n.a.	10,535
602 Transurethral prostatectomy	3,334	2,919	1,985	516	874	467	160	n.a.	10,255
385 Ligation and stripping of varicose veins	3,322	2,760	1,714	707	872	535	118	n.a.	10,028
852 Excision or destruction of breast tissue	3,415	2,620	1,762	924	642	440	154	n.a.	9,957
039 Other operations on spinal cord and spinal canal structures	2,237	3,138	1,070	1,235	1,432	636	25	n.a.	9,773
135 Other extracapsular extraction of lens	3,226	1,015	2,232	1,569	1,325	25	79	n.a.	9,471
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	3,104	2,283	1,394	533	1,077	330	63	n.a.	8,784
Other	177,257	132,935	134,191	46,913	54,647	20,933	5,854	n.a.	572,730
No principal procedure or not reported	61,941	125,969	66,637	14,394	24,484	11,669	2,175	n.a.	307,269
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Note: Abbreviation: sub.—subcutaneous.

Table 6.15: Average length of stay (days) for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, public hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
399 Other operations on vessels	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1
992 Injection or infusion of other therapeutic or prophylactic substance	1.7	1.6	1.7	2.7	2.5	2.2	1.4	2.5	1.9
451 Diagnostic procedures on small intestine	2.8	2.0	3.0	2.3	2.5	2.4	2.8	2.2	2.6
452 Diagnostic procedures on large intestine	2.0	1.6	1.9	2.0	2.0	1.7	2.2	1.7	1.9
756 Repair of other current obstetric laceration	3.8	3.9	3.8	3.8	3.7	4.1	3.4	4.4	3.8
990 Transfusion of blood and blood components	3.6	2.4	3.1	3.4	2.5	3.4	2.8	3.8	3.0
690 Dilatation and curettage of uterus	1.2	1.1	1.3	1.3	1.2	1.4	1.4	1.4	1.2
863 Other local excision or destruction of lesion or tissue of skin and sub. tissue	2.5	1.9	2.6	1.9	2.2	2.4	2.0	1.7	2.3
870 Soft tissue X-ray of face, head, and neck	9.3	8.5	9.8	11.3	9.9	14.6	14.5	8.7	9.8
741 Lower segment caesarean section	7.2	7.1	6.7	7.0	7.4	7.9	7.3	8.3	7.1
372 Diagnostic procedures on heart and pericardium	3.2	3.6	3.6	2.8	2.8	3.5	2.9	..	3.1
695 Aspiration curettage of uterus	1.2	1.0	1.2	1.1	1.0	1.2	1.2	1.1	1.1
730 Artificial rupture of membranes	3.7	4.0	3.5	3.8	3.6	3.9	3.6	4.6	3.7
793 Open reduction of fracture with internal fixation	7.9	8.0	9.7	7.9	6.8	10.1	7.5	12.7	8.3
512 Cholecystectomy	4.7	4.3	3.9	4.8	4.2	4.6	4.6	5.0	4.4
790 Closed reduction of fracture without internal fixation	2.1	2.0	2.2	2.1	1.9	3.3	1.8	2.9	2.1
573 Diagnostic procedures on bladder	2.0	1.5	2.3	1.7	1.6	2.1	3.7	3.0	1.9
134 Extracapsular extraction of lens by fragmentation and aspiration technique	1.3	1.2	1.2	1.5	1.2	1.0	1.3	1.1	1.3
470 Appendectomy	3.8	3.5	3.6	3.6	3.7	4.0	4.1	4.1	3.7
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	6.3	6.2	6.8	5.7	5.7	6.0	4.8	9.5	6.3
530 Unilateral repair of inguinal hernia	2.9	2.1	2.1	2.5	2.6	3.1	2.1	1.9	2.5
815 Joint replacement of lower extremity	13.2	12.9	15.6	14.5	9.8	16.5	22.0	17.6	13.4
991 Injection or infusion of therapeutic or prophylactic substance	3.7	2.2	3.5	2.8	2.4	3.5	2.0	4.0	3.0
200 Myringotomy	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.1
231 Surgical removal of tooth	1.2	1.1	1.2	1.4	1.2	1.1	1.0	1.6	1.2
673 Other excision or destruction of lesion or tissue of cervix	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.0
860 Incision of skin and subcutaneous tissue	4.9	4.8	4.8	4.9	3.8	4.5	4.9	5.9	4.8
939 Respiratory therapy	6.1	9.5	5.8	3.7	7.1	6.6	25.1	25.8	6.3
734 Medical induction of labour	4.4	4.3	4.8	3.8	5.4	4.2	4.3	4.6	4.5
736 Episiotomy	4.1	4.1	4.3	4.1	3.8	4.2	3.8	4.9	4.1
Total^(a)	5.6	4.2	4.4	4.4	4.8	6.9	4.1	4.0	4.8

(a) For all separations.

Note: Abbreviation: sub.—subcutaneous.

Table 6.16: Average length of stay (days) for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, private hospitals, States and Territories, 1995–96

Principal procedure	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
452 Diagnostic procedures on large intestine	1.2	1.2	1.4	1.5	1.4	1.3	1.7	n.a.	1.3
451 Diagnostic procedures on small intestine	1.2	1.3	1.8	1.9	1.6	1.7	2.6	n.a.	1.5
992 Injection or infusion of other therapeutic or prophylactic substance	1.7	1.5	1.3	2.1	1.6	2.2	1.8	n.a.	1.5
231 Surgical removal of tooth	1.1	1.0	1.0	1.3	1.0	1.1	1.0	n.a.	1.1
134 Extracapsular extraction of lens by fragmentation and aspiration technique	1.2	1.2	1.5	2.1	1.3	1.3	1.6	n.a.	1.3
399 Other operations on vessels	1.1	1.0	1.1	4.3	1.1	3.2	..	n.a.	1.1
863 Other local excision or destruction of lesion or tissue of skin and sub. tissue	1.5	1.5	1.9	1.8	1.7	1.6	1.7	n.a.	1.6
454 Local excision or destruction of lesion or tissue of large intestine	1.1	1.1	1.3	2.0	1.2	1.2	2.0	n.a.	1.2
573 Diagnostic procedures on bladder	1.3	1.2	1.9	2.2	1.5	1.9	1.3	n.a.	1.5
690 Dilatation and curettage of uterus	1.2	1.1	1.3	1.4	1.2	1.3	1.0	n.a.	1.2
695 Aspiration curettage of uterus	1.2	1.0	1.1	1.3	1.1	1.0	1.0	n.a.	1.2
806 Excision of semilunar cartilage of knee	1.3	1.2	1.2	1.3	1.3	1.2	1.1	n.a.	1.2
814 Other repair of joint of lower extremity	1.6	2.0	1.9	1.9	2.0	2.4	1.6	n.a.	1.8
372 Diagnostic procedures on heart and pericardium	1.9	2.2	2.4	2.0	2.5	2.8	..	n.a.	2.1
815 Joint replacement of lower extremity	13.2	13.9	14.2	15.3	13.7	14.7	10.8	n.a.	13.8
200 Myringotomy	1.2	1.0	1.1	1.3	1.0	1.0	1.0	n.a.	1.1
530 Unilateral repair of inguinal hernia	2.8	2.5	2.2	2.6	2.9	2.4	2.4	n.a.	2.6
441 Diagnostic procedures on stomach	1.2	1.6	2.0	1.1	1.5	2.5	1.9	n.a.	1.4
512 Cholecystectomy	4.1	4.0	4.0	4.1	4.2	3.9	3.7	n.a.	4.1
741 Lower segment caesarean section	8.0	8.7	7.9	8.7	7.4	7.3	8.4	n.a.	8.1
756 Repair of other current obstetric laceration	5.6	5.9	5.5	5.8	5.1	4.6	5.3	n.a.	5.6
218 Repair and plastic operations on the nose	1.6	1.8	1.4	2.2	1.9	1.8	1.4	n.a.	1.7
044 Lysis of adhesions and decompression of cranial and peripheral nerves	1.3	1.3	1.3	1.5	1.4	1.6	1.5	n.a.	1.4
659 Other operations on ovary	1.0	1.0	1.0	2.4	1.0	1.1	1.0	n.a.	1.1
602 Transurethral prostatectomy	4.8	4.8	5.8	6.3	4.9	6.5	5.4	n.a.	5.2
385 Ligation and stripping of varicose veins	2.5	2.2	2.0	3.0	2.9	2.5	1.8	n.a.	2.4
852 Excision or destruction of breast tissue	2.1	1.7	1.9	1.9	2.7	1.9	1.5	n.a.	2.0
039 Other operations on spinal cord and spinal canal structures	2.9	3.6	3.7	3.1	2.6	2.9	5.7	n.a.	3.2
135 Other extracapsular extraction of lens	1.6	1.8	1.6	1.3	1.3	1.4	2.4	n.a.	1.5
862 Excision or destruction of lesion or tissue of skin and subcutaneous tissue	3.0	4.4	4.4	3.8	3.3	3.3	2.7	n.a.	3.7
Total^(a)	3.2	3.8	4.3	3.8	4.0	3.5	3.4	n.a.	3.7

(a) For all separations.

Note: Abbreviation: sub.—subcutaneous.

Table 6.17: Separations for males for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, by age group, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
399 Other operations on vessels	7	74	1,148	8,667	17,861	24,312	33,353	39,536	52,231	16,904	194,093
992 Injection or infusion of other therapeutic or prophylactic substance	1,300	3,064	4,300	3,692	7,794	11,217	16,847	24,904	28,845	10,202	112,165
451 Diagnostic procedures on small intestine	248	538	916	3,299	7,682	11,266	14,531	13,493	15,049	9,278	76,302
452 Diagnostic procedures on large intestine	16	70	219	1,432	4,290	8,326	12,732	11,944	13,272	7,389	59,690
863 Other local excision or destruction of lesion or tissue of skin & sub. tissue	162	708	2,019	1,847	2,622	3,616	4,374	4,635	6,578	6,007	32,569
530 Unilateral repair of inguinal hernia	571	1,737	1,353	1,733	2,474	3,428	4,924	5,324	5,960	3,752	31,256
372 Diagnostic procedures on heart and pericardium	62	150	98	170	455	2,183	6,539	8,907	9,393	2,614	30,571
573 Diagnostic procedures on bladder	112	176	270	510	1,362	2,435	4,246	5,660	8,723	6,344	29,838
990 Transfusion of blood and blood components	239	809	1,427	1,620	1,763	1,523	2,014	3,192	6,449	7,467	26,503
134 Extracapsular extraction of lens by fragmentation & aspiration technique	4	7	16	47	101	315	1,047	2,632	8,014	11,522	23,710
602 Transurethral prostatectomy	0	1	2	3	5	34	765	4,355	9,388	7,454	22,007
454 Local excision or destruction of lesion or tissue of large intestine	3	16	9	74	412	1,744	4,509	5,866	6,562	2,728	21,923
231 Surgical removal of tooth	3	506	2,004	10,543	4,713	1,575	880	454	371	179	21,228
806 Excision of semilunar cartilage of knee	1	2	125	2,657	4,096	4,716	4,274	2,996	1,739	520	21,129
870 Soft tissue X-ray of face, head, and neck	463	1,098	1,082	1,913	1,730	1,507	1,803	2,225	4,136	5,170	21,127
200 Myringotomy	711	9,586	6,435	206	179	234	258	231	219	118	18,179
862 Excision or destruction of lesion or tissue of skin & subcutaneous tissue	83	573	2,073	4,838	3,105	2,012	1,608	1,243	1,161	846	17,543
793 Open reduction of fracture with internal fixation	2	133	1,455	4,676	3,476	2,246	1,570	972	870	1,448	16,848
640 Circumcision	5,539	4,005	3,494	543	443	293	223	246	239	173	15,198
790 Closed reduction of fracture without internal fixation	12	1,288	8,730	2,323	828	554	473	308	240	166	14,923
814 Other repair of joint of lower extremity	2	4	181	3,623	4,407	2,697	1,713	857	457	136	14,077
637 Vasectomy and ligation of vas deferens	1	3	1	84	4,717	7,705	1,345	126	18	10	14,010
815 Joint replacement of lower extremity	2	0	2	50	115	300	854	2,720	5,492	4,302	13,838
361 Bypass anastomosis for heart revascularisation	0	0	0	0	31	439	2,039	3,762	4,900	1,337	12,508
786 Removal of implanted devices from bone	19	198	1,275	3,385	2,934	1,900	1,270	747	460	208	12,396
470 Appendectomy	9	83	3,077	3,625	2,230	1,422	742	356	265	114	11,923
441 Diagnostic procedures on stomach	21	23	70	434	1,211	1,854	2,236	2,126	2,231	1,392	11,598
512 Cholecystectomy	2	1	30	152	657	1,438	2,133	2,345	2,575	1,349	10,682
218 Repair and plastic operations on the nose	2	72	287	2,092	2,494	1,989	1,511	985	712	326	10,470
939 Respiratory therapy	3,315	911	518	362	617	797	895	951	1,095	869	10,330
Other	18,483	28,590	41,844	52,530	65,484	77,428	89,658	92,293	114,950	83,368	664,634
No principal procedure or not reported	56,858	55,469	43,691	55,620	69,290	70,835	79,596	85,451	124,074	133,309	774,234
Total	88,252	109,895	128,151	172,750	219,578	252,340	300,962	331,842	436,668	327,001	2,367,502

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

Note: Abbreviation: sub.—subcutaneous.

Table 6.18: Separations for females for the 30 principal procedures in 3 digit ICD-9-CM groupings with the highest number of separations, by age group, all hospitals, Australia, 1995–96

Principal procedure	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total ^(a)
399 Other operations on vessels	6	37	455	4,126	12,783	17,477	23,850	34,988	45,182	10,518	149,422
992 Injection or infusion of other therapeutic or prophylactic substance	939	2,533	2,995	3,429	6,089	13,342	24,385	23,283	21,870	7,732	106,598
451 Diagnostic procedures on small intestine	182	398	803	4,101	7,170	11,962	15,733	14,541	15,315	12,137	82,345
452 Diagnostic procedures on large intestine	10	45	197	2,477	5,615	11,108	16,348	15,072	15,495	9,832	76,206
690 Dilation and curettage of uterus	1	0	54	8,939	18,764	14,828	11,458	4,022	1,941	804	60,814
756 Repair of other current obstetric laceration	0	0	27	12,566	34,511	7,232	21	0	0	0	54,357
695 Aspiration curettage of uterus	0	0	131	19,169	21,884	9,412	251	14	6	6	50,885
741 Lower segment caesarean section	0	0	21	7,706	29,905	8,888	60	1	0	0	46,581
134 Extracapsular extraction of lens by fragmentation & aspiration technique	8	8	17	36	71	262	871	2,907	11,424	21,132	36,737
231 Surgical removal of tooth	2	468	2,593	20,623	7,157	1,918	848	401	273	238	34,521
730 Artificial rupture of membranes	0	0	17	8,938	18,874	3,533	11	1	0	0	31,374
863 Other local excision or destruction of lesion or tissue of skin & sub. tissue	131	768	2,333	2,448	3,251	4,205	4,448	3,784	4,236	5,448	31,053
512 Cholecystectomy	1	3	55	1,857	4,533	4,863	5,468	4,797	3,967	2,017	27,561
852 Excision or destruction of breast tissue	2	1	59	1,358	3,006	5,337	5,801	3,407	2,485	1,203	22,659
673 Other excision or destruction of lesion or tissue of cervix	0	1	6	4,990	7,444	4,995	3,147	1,133	459	105	22,280
990 Transfusion of blood and blood components	178	530	714	1,579	1,350	1,430	1,780	2,253	4,335	7,698	21,847
815 Joint replacement of lower extremity	0	2	3	31	115	266	933	2,730	6,612	8,182	18,874
684 Total abdominal hysterectomy	0	0	3	61	1,779	7,079	7,046	1,494	916	462	18,840
542 Diagnostic procedures of abdominal region	3	5	130	4,345	7,116	4,638	1,341	379	274	178	18,412
573 Diagnostic procedures on bladder	46	225	316	648	1,349	2,278	3,066	3,342	4,169	2,928	18,367
870 Soft tissue X-ray of face, head, and neck	307	806	657	1,018	1,078	1,084	1,292	1,565	3,247	7,043	18,097
736 Episiotomy	0	0	11	4,235	11,379	2,241	6	0	0	0	17,872
734 Medical induction of labour	0	0	6	4,390	10,561	2,231	11	0	0	0	17,199
454 Local excision or destruction of lesion or tissue of large intestine	4	11	17	108	378	1,465	3,270	4,328	4,692	2,538	16,811
662 Bilateral endoscopic destruction or occlusion of fallopian tubes	0	0	0	565	7,134	7,054	453	2	0	0	15,208
372 Diagnostic procedures on heart and pericardium	56	89	98	130	211	843	2,528	4,100	5,312	1,785	15,152
681 Diagnostic procedures on uterus and supporting structures	0	3	20	809	2,580	3,984	4,623	1,755	905	321	15,001
659 Other operations on ovary	0	0	33	1,276	7,078	5,804	525	48	35	17	14,816
685 Vaginal hysterectomy	0	0	0	37	1,297	4,559	3,819	1,626	1,808	982	14,128
385 Ligation and stripping of varicose veins	0	0	3	254	1,945	3,594	3,485	2,389	1,727	424	13,821
Other	15,320	28,232	47,247	75,749	121,653	109,493	103,690	88,333	107,138	108,046	804,920
No principal procedure or not reported	46,520	39,268	32,963	107,102	155,474	92,479	75,325	69,395	107,325	189,668	915,567
Total	63,716	73,433	91,984	305,100	513,534	369,884	325,893	292,090	371,148	401,444	2,808,325

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

Note: Abbreviation: sub.—subcutaneous.

7. External causes for admitted patients

Introduction

Whenever a patient is admitted to hospital due to injury or poisoning an external cause should be recorded. The external cause is defined as the event, circumstance or condition associated with the occurrence of the injury, poisoning or violence.

The tables in this chapter report on the external cause and place of occurrence reported for the separations using ICD-9-CM codes. The tables are grouped by numerical codes and use abbreviated descriptions of the categories. Full descriptions are available from the Australian edition of ICD-9-CM, implemented in July 1995 (National Coding Centre 1995).

Tables are presented with summary national separation, patient day and length of stay statistics for public and private hospitals. In addition, the data are presented by State and Territory and by age group and sex. Table 7.6 presents the data reported on the external causes categorised by the place of occurrence, where the ICD-9-CM code for it was included.

Records are included in this chapter whenever an external cause code was reported, regardless of whether the external cause related to the principal or additional diagnoses. This approach differs from that used in chapter 5 (Table 5.9), in which only records with a principal diagnosis of injury or poisoning (ICD-9-CM codes 800–999) are included, categorised by the reported external cause. A large proportion of the extra separations in this chapter which are not included in Table 5.9 had external causes that may have occurred as a result of the hospital stay, for example, *Misadventure during or due to medical care* (E870–E878). Only 50% of separations with a recorded external cause in this group had a principal diagnosis of injury or poisoning.

Highlights

National

There were 538,474 separations in 1995–96 with a recorded external cause (Table 7.1). This represented approximately 10% of all separations or 30 separations per 1,000 population. The majority of these, 80%, were from the public sector.

The most frequently reported external cause groups were *Other accidents, late effects of accidental injury* (E900–E929), *Misadventure during or due to medical care* (E870–E879), and *Accidental falls* (E880–E888). These accounted for 72% of all separations with an external cause—68% from the public sector and 88% from the private sector.

Transport accidents (E800–E848) accounted for a further 12% of external cause separations from public hospitals, but only 5% from private hospitals. *Suicide and self-inflicted injury* (E950–E959) and *Homicide, injury purposely inflicted by others* (E960–E969) when combined accounted for 10% of external cause separations from public hospitals but only 1% of external cause separations from private hospitals.

Misadventure during or due to medical care and *Accidental falls* were associated with 65% of patient days for separations with external causes. These two external cause groups were also

associated with high average length of stay figures, although *Adverse effects of therapeutic drugs, biologicals* (E930–E949), *Accidents caused by fire or flames* (E890–E899) and, for the private sector, *Suicide and self-inflicted injury*, recorded similar or higher averages. These data on patient days and average lengths of stay should, however, be interpreted with caution as all the patient days for these separations are not necessarily attributable to the reported external cause.

State and Territory

In most of the States and Territories external causes were recorded for at least 10% of all separations (Table 7.2 and Table 3.2). However, in Victoria they were recorded for only 7% of separations. The distribution of separations by external cause group was broadly consistent among States and Territories. A notable exception was in the Northern Territory where *Homicide, injury purposely inflicted by others* accounted for 19% of separations with an external cause compared with a national average of 4%. Another was for Victoria, where *Adverse effects of therapeutic drugs, biologicals* represented 1% of external cause separations, compared with a national average of 5%.

The distribution of patient days at the State and Territory level was broadly consistent with that observed for separations (Table 7.3). One exception was the relatively high number of patient days recorded in the Northern Territory for *Transport accidents*. The average length of stay for these separations was almost double that of the national average for separations in this external cause group (10.1 days compared with 5.1 days).

Age and sex

The numbers of separations with an external cause varied by age group and sex (Tables 7.4 and 7.5). Separations for *Transport accidents* were most commonly reported for the ages of 5 to 34 years for both sexes. Separations for *Accidental poisoning* (E850–E869), as proportions of total separations, were highest for the under 5 years age groups, although in absolute terms there was also a high number of separations for the age group 15 to 44 years. Similarly, separations for *Accidental falls* were proportionally higher within the 1 to 4, 5 to 14, 65 to 74 and 75 years and over age groups. Separations associated with *Adverse effects of therapeutic drugs, biologicals* were centred around the 65 years and over age groups, while for both *Suicide and self-inflicted injury* and *Homicide, injury purposely inflicted by others*, the highest frequencies were recorded for the 15 to 44 year age group.

Relative to total separations, females recorded a lower percentage of external causes of injury and poisoning (8%) compared with males (13%). The most common external cause groups for females were *Accidental falls* and *Misadventure during or due to medical care*. For males, however, *Other accidents, late effects of accidental injury* was the most prominent external cause group, accounting for 31% of all separations. Within this grouping, *Accidents caused by cutting or piercing instruments or objects* (E920), *Struck against or struck accidentally by objects or persons* (E917) and *Overexertion and strenuous movements* (E927) were the most prominent. Overall, the highest frequencies of external causes for females occurred in the 65 to 74 years and the 75 years and over age groups, whereas for males they occurred in the 15 to 24 and 25 to 34 years age groups.

Place of occurrence

For 64% of separations with an external cause a place of occurrence was reported (Table 7.6), with the categories of *Home* and *Residential institute* (which includes hospitals) accounting for the majority. *Home* was the most commonly reported place of occurrence for all but three of the external cause groups. The exceptions were *Transport accidents*, for which *Street and highway* was most frequently reported, and *Misadventure during or due to medical care* and *Adverse effects of therapeutic drugs, biologicals* for which *Residential institute* was the most common place of occurrence.

Accidental falls was the most common external cause group in the *Home* category, accounting for 43% of these separations, while *Misadventure during or due to medical care* was reported for 74% of separations in the *Residential institute* category.

Table 7.1: Separation, same day separation, patient day and average length of stay statistics by external cause in ICD-9-CM groupings and hospital sector, Australia, 1995–96

		Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day
External cause									
E800–E848	Transport accidents	49,775	11,501	23.1	2.7	255,923	14.1	5.1	6.4
E850–E869	Accidental poisoning	15,881	5,036	31.7	0.9	41,379	2.3	2.6	3.4
E870–E879	Misadventure during or due to medical care	96,020	12,667	13.2	5.3	965,084	53.1	10.1	11.4
E880–E888	Accidental falls	100,277	20,576	20.5	5.5	743,440	40.9	7.4	9.1
E890–E899	Accidents caused by fire or flames	2,324	534	23.0	0.1	17,865	1.0	7.7	9.7
E900–E929	Other accidents, late effects of accidental injury	98,114	30,476	31.1	5.4	326,681	18.0	3.3	4.4
E930–E949	Adverse effects of therapeutic drugs, biologicals	24,425	3,082	12.6	1.3	220,376	12.1	9.0	10.2
E950–E959	Suicide & self-inflicted injury	21,029	4,959	23.6	1.2	82,828	4.6	3.9	4.8
E960–E969	Homicide, injury purposely inflicted by others	20,795	7,018	33.7	1.1	62,776	3.5	3.0	4.0
E970–E999	Other injuries	1,203	365	30.3	0.1	5,235	0.3	4.4	5.8
Total		429,843	96,214	22.4	23.7	2,721,587	149.8	6.3	7.9
		11	2			28		2.5	
Private hospitals									
E800–E848	Transport accidents	5,502	1,156	21.0	0.3	28,324	1.6	5.1	6.3
E850–E869	Accidental poisoning	797	169	21.2	<0.1	3,308	0.2	4.2	5.0
E870–E879	Misadventure during or due to medical care	35,282	3,667	10.4	2.0	323,432	18.0	9.2	10.1
E880–E888	Accidental falls	24,520	4,052	16.5	1.4	225,120	12.5	9.2	10.8
E890–E899	Accidents caused by fire or flames	164	48	29.3	<0.1	993	0.1	6.1	8.1
E900–E929	Other accidents, late effects of accidental injury	36,112	14,231	39.4	2.0	118,682	6.6	3.3	4.8
E930–E949	Adverse effects of therapeutic drugs, biologicals	4,788	602	12.6	0.3	42,992	2.4	9.0	10.1
E950–E959	Suicide & self-inflicted injury	608	70	11.5	<0.1	7,602	0.4	12.5	14.0
E960–E969	Homicide, injury purposely inflicted by others	512	169	33.0	<0.1	1,433	0.1	2.8	3.7
E970–E999	Other injuries	346	155	44.8	<0.1	1,432	0.1	4.1	6.7
Total		108,631	24,319	22.4	6.0	753,318	41.9	6.9	8.6

Note: Abbreviation: ALOS—average length of stay.

Table 7.2: Separations by external cause in ICD-9-CM groupings, all hospitals, States and Territories, 1995–96

External cause	NSW	Vic	Qld	WA	SA	Tas	ACT	NT(a)	Total
E800–E848 Transport accidents	19,393	10,379	12,555	5,389	4,578	1,423	789	771	55,277
E850–E869 Accidental poisoning	5,163	2,855	4,751	1,157	1,885	557	125	185	16,678
E870–E879 Misadventure during or due to medical care	46,482	18,003	25,037	18,295	16,492	4,157	2,184	652	131,302
E880–E888 Accidental falls	45,061	25,623	25,884	11,400	11,689	2,839	1,311	990	124,797
E890–E899 Accidents caused by fire or flames	867	356	509	348	240	57	25	86	2,488
E900–E929 Other accidents, late effects of accidental injury	47,199	21,608	33,034	12,609	12,779	3,906	1,592	1,499	134,226
E930–E949 Adverse effects of therapeutic drugs, biologicals	10,592	897	7,190	4,026	4,973	885	478	172	29,213
E950–E959 Suicide & self-inflicted injury	7,133	5,202	3,923	2,890	1,668	307	321	193	21,637
E960–E969 Homicide, injury purposely inflicted by others	6,673	2,941	5,628	2,978	1,567	338	141	1,041	21,307
E970–E999 Other injuries	387	213	487	206	141	49	29	37	1,549
Total	188,950	88,077	118,998	59,298	56,012	14,518	6,995	5,626	538,474

(a) Public hospitals only.

Table 7.3: Patient days by external cause in ICD-9-CM groupings, all hospitals, States and Territories, 1995–96

External cause	NSW	Vic	Qld	WA	SA	Tas	ACT	NT(a)	Total
E800–E848 Transport accidents	99,032	48,545	66,219	29,288	20,499	7,735	5,145	7,784	284,247
E850–E869 Accidental poisoning	13,999	5,047	10,744	2,617	8,972	1,993	688	627	44,687
E870–E879 Misadventure during or due to medical care	490,611	114,910	271,374	178,568	158,675	44,879	22,115	7,384	1,288,516
E880–E888 Accidental falls	367,087	162,744	224,087	89,733	74,604	29,892	14,025	6,388	968,560
E890–E899 Accidents caused by fire or flames	5,823	2,937	4,030	2,745	1,514	567	198	1,044	18,858
E900–E929 Other accidents, late effects of accidental injury	155,411	53,685	118,135	52,333	39,314	14,067	5,510	6,908	445,363
E930–E949 Adverse effects of therapeutic drugs, biologicals	92,019	3,623	69,052	37,385	47,649	8,463	3,926	1,251	263,368
E950–E959 Suicide & self-inflicted injury	33,400	12,602	21,074	12,052	6,850	1,388	2,165	899	90,430
E960–E969 Homicide, injury purposely inflicted by others	22,220	6,539	16,110	8,730	4,513	960	483	4,654	64,209
E970–E999 Other injuries	1,528	563	2,387	992	546	342	113	196	6,667
Total	1,281,130	411,195	803,212	414,443	363,136	110,286	54,368	37,135	3,474,905

(a) Public hospitals only.

Table 7.4: Separations for males by external cause in ICD-9-CM groupings and age group, all hospitals, Australia, 1995–96

External cause	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
E800–E848 Transport accidents	82	800	6,126	11,162	6,781	4,225	2,728	1,641	1,245	1,124	35,914
E850–E869 Accidental poisoning	168	2,002	381	1,552	1,489	1,093	590	349	388	260	8,275
E870–E879 Misadventure during or due to medical care	752	1,306	2,117	3,368	4,349	5,381	7,874	11,751	18,250	13,634	68,786
E880–E888 Accidental falls	428	3,842	10,875	7,114	5,347	4,702	4,271	3,882	5,405	10,309	56,175
E890–E899 Accidents caused by fire or flames	14	115	282	477	343	259	133	97	85	60	1,865
E900–E929 Other accidents, late effects of accidental injury	656	5,140	10,147	22,002	20,162	14,089	10,314	6,113	3,698	2,426	94,748
E930–E949 Adverse effects of therapeutic drugs, biologicals	192	356	457	564	806	971	1,336	1,711	3,022	2,867	12,282
E950–E959 Suicide & self-inflicted injury	0	2	94	2,252	2,820	1,941	1,031	370	239	149	8,898
E960–E969 Homicide, injury purposely inflicted by others	113	110	419	5,712	4,870	2,580	1,245	412	154	72	15,689
E970–E999 Other injuries	9	9	39	212	240	116	211	53	46	44	979
Total	2,414	13,682	30,937	54,415	47,207	35,357	29,733	26,379	32,532	30,945	303,611

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

Table 7.5: Separations for females by external cause in ICD-9-CM groupings and age group, all hospitals, Australia, 1995–96

External cause	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
E800–E848 Transport accidents	65	524	3,217	4,655	2,989	2,268	1,737	1,209	1,311	1,387	19,362
E850–E869 Accidental poisoning	155	1,578	388	1,798	1,479	1,166	712	316	364	444	8,403
E870–E879 Misadventure during or due to medical care	425	739	1,626	3,278	6,013	7,831	8,774	8,459	12,783	12,588	62,516
E880–E888 Accidental falls	372	2,859	6,837	2,358	2,484	2,883	3,614	4,988	9,898	32,322	68,618
E890–E899 Accidents caused by fire or flames	26	86	52	98	95	72	54	40	51	49	623
E900–E929 Other accidents, late effects of accidental injury	552	3,505	4,388	5,561	5,737	5,516	4,543	2,787	2,727	4,160	39,478
E930–E949 Adverse effects of therapeutic drugs, biologicals	140	307	370	925	1,356	1,436	1,867	2,262	3,539	4,729	16,931
E950–E959 Suicide & self-inflicted injury	1	2	407	3,781	3,485	2,846	1,353	401	270	192	12,739
E960–E969 Homicide, injury purposely inflicted by others	80	101	173	1,611	1,845	1,079	423	144	67	94	5,618
E970–E999 Other injuries	4	22	29	123	142	98	66	37	14	35	570
Total	1,820	9,723	17,487	24,188	25,625	25,195	23,143	20,643	31,024	56,000	234,858

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

Table 7.6: Separations by external cause in ICD-9-CM groupings and place of occurrence, all hospitals, Australia, 1995–96

External cause	Home	Farm	Mine & quarry	Industrial place & premises	Place of recreation and sport	Street and highway	Public building	Residential institute	Other specified places	Unspecified place	Total(a)
E800–E848 Transport accidents	1,889	1,806	170	576	2,466	32,238	363	232	2,711	11,555	55,277
E850–E869 Accidental poisoning	8,776	303	49	334	73	99	315	571	271	5,444	16,678
E870–E879 Misadventure during or due to medical care	3,773	411	140	96	102	56	777	76,742	1,411	44,662	131,302
E880–E888 Accidental falls	44,537	1,207	146	2,630	7,909	3,398	6,728	12,410	3,883	39,259	124,797
E890–E899 Accidents caused by fire or flames	1,021	65	4	192	41	23	47	49	155	717	2,488
E900–E929 Other accidents, late effects of accidental injury	23,251	2,581	582	13,702	17,623	3,450	2,875	2,273	5,398	58,414	134,226
E930–E949 Adverse effects of therapeutic drugs, biologicals	4,631	200	31	115	41	27	159	9,674	318	13,087	29,213
E950–E959 Suicide & self-inflicted injury	11,362	263	6	102	76	162	260	796	443	7,660	21,637
E960–E969 Homicide, injury purposely inflicted by others	3,490	115	5	188	391	1,383	2,422	359	927	10,033	21,307
E970–E999 Other injuries	396	12	24	22	30	24	24	35	49	784	1,549
Total	103,126	6,963	1,157	17,957	28,752	40,860	13,970	103,141	15,566	191,615	538,474

(a) Includes separations for which place of occurrence was not reported.

8. Australian National Diagnosis Related Groups of admitted patients

Introduction

Australian National Diagnosis Related Groups (AN-DRGs) are an Australian patient classification system which provide a means of summarising and relating the number and type of patients treated in a hospital (that is, its casemix), to the resources required by the hospital (Department of Human Services and Health & 3M Health Information Systems 1993). The classification categorises episodes into groups with similar conditions and similar usage of hospital resources, using information in the hospital morbidity record such as the diagnoses, procedures and demographic characteristics. The classification was adapted from United States classifications to reflect Australian clinical standards and practice and was first released in 1992 (Department of Health and Family Services 1996). This report uses version 3.0 released in July 1995.

AN-DRGs can be examined either individually or grouped by Major Diagnostic Category (MDC). This chapter presents data categorised by MDC (Figures 8.1 and 8.2; Tables 8.1 to 8.8) and for the 30 AN-DRGs that accounted for the highest numbers of separations in the public and private sectors (Tables 8.9 to 8.16). In addition, selected national data for all the AN-DRGs are included in Tables D5 and D6 on the diskette accompanying this report.

Tables for both MDCs and AN-DRGs are presented with summary national separation, patient day, length of stay and cost statistics for public and private hospitals. In addition, the data are presented by State and Territory and, for AN-DRGs, by age group and sex.

The average length of stay figures were calculated using all separations for which lengths of stay were provided. That is, the data were not trimmed of separations with unusually long or short lengths of stay.

Major Diagnostic Categories and Diagnosis Related Groups

The AN-DRG classification is based on a description of body systems, a separation of medical and surgical procedures, and a description of a hierarchy of procedures, medical problems and other factors that differentiate processes of care. Episodes are generally assigned to one of the 23 MDCs and also to one of the 667 individual AN-DRGs.

The 23 MDCs are mostly defined by body system or disease type, and correspond with a particular medical speciality (Department of Health and Family Services 1996). In general, episodes are assigned to MDCs on the basis of the principal diagnosis. Some episodes involving procedures that are particularly resource intensive can also be assigned to the Pre-MDC category, irrespective of the MDC assigned on the basis of principal diagnosis. Records for these episodes have been categorised separately in tables and figures based on MDCs in this chapter. Episodes with Edit-DRGs have been similarly categorised separately, even if they were assigned to an MDC.

Once an episode has been linked to an MDC, it is assigned to a surgical or medical AN-DRG within the MDC. The AN-DRG is assigned primarily on the basis of the procedure codes (in the surgical partition) or the diagnosis codes (in the medical partition). When more than one

AN-DRG is associated with a cluster of closely-related procedures or diagnoses, other variables, such as the patient's age, the presence of complications or comorbidities, and the mode of separation, are used for AN-DRG assignment (Department of Health and Family Services 1996).

For the assignment of AN-DRGs, the principal procedure is defined as the one with the highest resource intensity. This definition differs from the definition of principal procedure in the *National Health Data Dictionary* and used in chapter 6.

Costs

The cost figures in this chapter are estimates only, intended for use as a guide to the approximate relative costs of hospital services during 1995–96. They should be used only with caution in any comparisons of the States and Territories or the public and private sectors.

The cost by volume figures were derived for each AN-DRG by multiplying the number of separations for each AN-DRG by the version 3.0 cost weight for the AN-DRG and by the estimated average cost for the AN-DRGs. The cost weights represent the costliness of an AN-DRG relative to all other AN-DRGs, such that the average cost weight is 1.00.

Separate cost weights were used for the public and private sectors (Department of Human Services and Health 1995); these cost weights are produced separately because of the significant differences in the range of costs recorded in public and private hospitals (Department of Health and Family Services 1996). For 110 private sector separations in 15 DRGs in 8 MDC groups (Pre-MDC and MDCs 1, 4, 11, 15, 18, 21 and 22), no cost weights were available. For these separations, the public sector costs weights were used; the costs by volume for these MDCs (and DRGs, as indicated in Table D6) should be interpreted taking this into account.

The estimated average costs for the public and private sectors were based on the estimates for December 1994 for the public and private sectors (Department of Human Services and Health 1995), updated to reflect the 2.67% increase in the Hospital and Clinical Price Index from December 1994 to December 1995 (Australian Bureau of Statistics, unpublished data). Each separation for an AN-DRG with a cost weight of 1.00 was therefore estimated to cost \$2,519 in the public sector and \$1,716 in the private sector.

Highlights

Major Diagnostic Categories

National

The MDCs with the highest numbers of separations in 1995–96 were *Digestive system* (MDC 06), *Kidney and urinary tract* (MDC 11) and *Musculoskeletal system and connective tissue* (MDC 08). In the public sector *Kidney and urinary tract* was the leading MDC followed by *Digestive system* (Table 8.1, Figure 8.1), while in the private sector *Digestive system* was the most prominent, followed by *Musculoskeletal system and connective tissue* (Table 8.2, Figure 8.2). *Nervous system* (MDC 01) recorded the highest number of patient days, followed by *Musculoskeletal system and connective tissue* and *Factors influencing health status, other contacts* (MDC 23). Again this pattern varied by hospital sector. *Nervous system*, for example, ranked highest in terms of patient days in the public sector, but sixth in the private sector.

The average lengths of stay varied by MDC and hospital sector. The most notable differences between hospital sectors were for *Nervous system*, where the average length of stay was 27% higher for public hospitals than private hospitals, *Mental diseases and disorders* (MDC 19), where the average length of stay was 32% higher for public hospitals than private hospitals,

and *Alcohol/drug use and disorders* (MDC 20), where the average length of stay was 80% higher for private hospitals than public hospitals. A variety of factors could be responsible for such discrepancies, for example different patient populations, patterns of service provision, facilities available, treatment regimes and reporting practices.

States and Territories

The distributions of separations and patient days by MDC among the States and Territories (Tables 8.3 to 8.6) were broadly consistent with those at the national level. Notable exceptions in the public sector included *Neoplastic disorders* (MDC 17) in the Northern Territory (0.2% of separations compared with a national average of 4.3%) and *Alcohol/drug use and disorders* in the Australian Capital Territory (0.1% compared with 0.7%). In the private sector, the Australian Capital Territory reported relatively more separations for *Newborns and other neonates* (MDC 15) (8.7% of separations compared with 1.1% nationally), and fewer separations for both *Mental diseases and disorders* and *Alcohol/drug use and disorders* (0.2% and less than 0.1% compared with 2.5% and 0.4% respectively). Again these differences could be attributed to a number of factors, which for the Australian Capital Territory would include the nature of facilities available, cross-border patient flows and the omission of private same day facilities from the National Hospital Morbidity Database.

Australian National Diagnosis Related Groups

National

In the public sector in 1995–96 *Admit for renal dialysis* (AN-DRG 572) was the most prominent AN-DRG, accounting for 8.6% of total separations (Table 8.9). Other leading AN-DRGs included *Chemotherapy* (AN-DRG 780) with 3.4%, and *Vaginal delivery without complicating diagnosis* (AN-DRG 674) with 3.1% of total public sector separations. The corresponding top three AN-DRGs in the private sector were *Other gastroscopy for non-major digestive disease without complications and comorbidities* (AN-DRG 332), with 5.8% of total separations, *Other colonoscopy without complications and comorbidities* (AN-DRG 335), with 5.3%, and *Lens procedures without vitrectomy and without complications and comorbidities* (AN-DRG 099), with 3.3% (Table 8.10).

Of the ten AN-DRGs with the most separations for the public sector, only three were not included in the top 30 for the private sector, namely *Bronchitis and asthma age <50 without complications and comorbidities* (AN-DRG 187), *Other antenatal admission with moderate or no complicating disorder* (AN-DRG 686), and *Heart failure and shock* (AN-DRG 252). On the other hand, only one of the leading 10 AN-DRGs in the private sector, *Knee procedures* (AN-DRG 421), was missing from the top 30 for the public sector.

Among the 30 AN-DRGs with the most separations for the public sector, there were nine which were among the top 10 in terms of the most patient days. Similarly, for the private sector, there were six AN-DRGs among the 30 AN-DRGs with the most separations that were also in the top 10 AN-DRGs in terms of patient days.

States and Territories

The distributions of separations by State and Territory for the 30 leading AN-DRGs (Tables 8.11 and 8.12) were broadly consistent. The major exceptions in the public sector were for the Australian Capital Territory, the Northern Territory and Tasmania. In the Australian Capital Territory, *Admit for renal dialysis* accounted for more than twice the proportion of separations compared with the national average (18.1% compared with 8.6%). In the Northern Territory this proportion was even higher; *Admit for renal dialysis* accounted for 26.9% of total separations. In Tasmania the proportion of separations for *Lens procedures without vitrectomy and without complications and comorbidities* was lower than the national average (0.1% compared to 0.8%).

In the private sector the major differences appeared in the Australian Capital Territory. *Other gastroscopy for non-major digestive disease without complications and comorbidities* represented a lower proportion of total separations than the national average (1.1% compared with 5.8%), as did *Other colonoscopy without complications and comorbidities* (1.6% compared with 5.3%) and *Major affective disorders* (AN-DRG 843) (0.1% compared with 1.0%).

The average lengths of stay for the leading AN-DRGs in the public sector were predominantly low. Notable exceptions were *Other factors influencing health status age >79 or with complications and comorbidities* (AN-DRG 942) and *Rehabilitation* (AN-DRG 941), where the average lengths of stay were 26.8 and 25.6 days, respectively (Table 8.13).

The patterns of average lengths of stay were largely consistent among the States and Territories, although *Other factors influencing health status age <80 without complications and comorbidities* and *Major affective disorders* had a markedly higher average length of stay in South Australia (19.1 days and 21.2 days respectively), as did *Intended same day rehabilitation* (AN-DRG 940) in Western Australia (6.8 days).

Short term stays also predominated in the top 30 in the private sector. The most notable exception was for *Major affective disorders*, especially in Western Australia and South Australia where the average lengths of stay were 17.7 and 19.2 days respectively (Table 8.14).

Age group and sex

Tables 8.15 and 8.16 summarise separations by age group and sex for the 30 leading AN-DRGs. Half of the top 30 AN-DRGs were common to both sexes, while some others were more sex-specific (for example, *Vaginal delivery without complicating diagnosis. Admit for renal dialysis* was the most commonly reported AN-DRG for both sexes, with most separations in the 65 to 74 year age group. Among the other AN-DRGs reported in the top 30 for both sexes, those with the greatest divergence between ranking were *Knee procedures*, ranked 5th for males and 21st for females, *Bronchitis and asthma age <50 without complications and comorbidities*, ranked 10th for males and 25th for females, and *Major affective disorders*, ranked 29th for males and 16th for females.

Costs

The cost by volume data for MDCs in Tables 8.1 and 8.2 show that the costliest MDC in the public sector was estimated to be *Circulatory system*. In the private sector it was *Musculoskeletal system and connective tissue*.

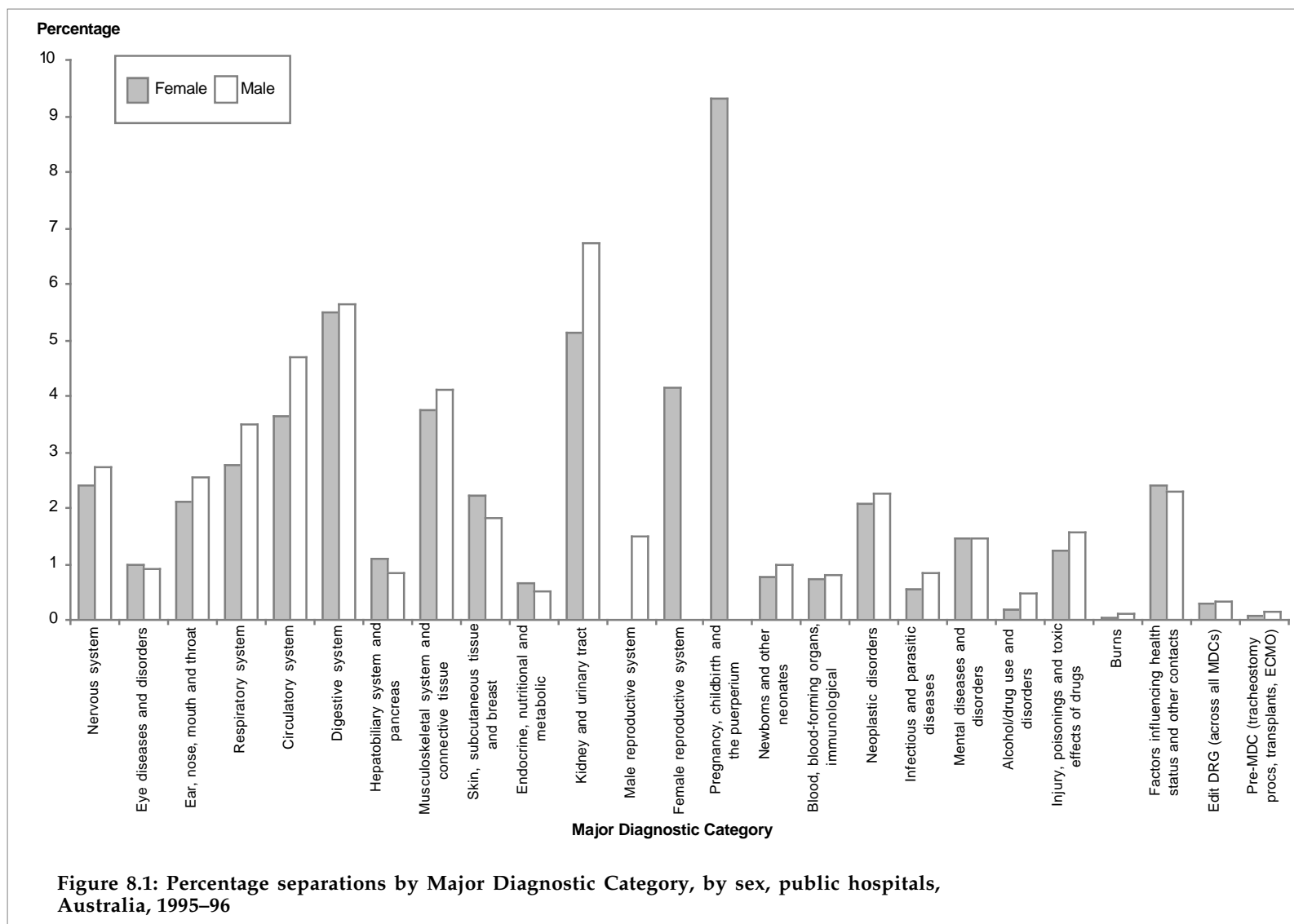
For the top 30 AN-DRGs, Tables 8.9 and 8.10 show that the highest costs in public hospitals were estimated to be for *Rehabilitation* followed by *Vaginal delivery without complicating diagnosis*. The high estimated cost of the *Rehabilitation* group reflects the large number of patient days recorded for it. In the private sector, the costliest AN-DRGs in the top 30 were *Lens procedures without vitrectomy and without complications and comorbidities* and *Vaginal delivery without complicating diagnosis*.

Notes

1. A large number of separations were included in the Database as *Ungroupable* (AN-DRG 952). This mainly reflected about 30,000 records provided for some Queensland private hospitals which did not include sufficient information for grouping. This AN-DRG was suppressed in those instances where it appeared among the 30 leading AN-DRGs.
2. The Northern Territory provided records grouped to AN-DRG version 2.0, as agreed with the Institute. To maintain consistency with the other States and Territories, these data were

regrouped by the Institute to version 3.0. The Northern Territory was unable to check the results of this regrouping against their database.

3. Table D6 on the accompanying diskette provides national summary statistics for private hospitals by AN-DRG. Because some of these data could be considered sensitive, the statistics for 15 AN-DRGs have been suppressed. The information was suppressed if there were fewer than 100 private hospital separations reported for the AN-DRG and there were fewer than three reporting units (hospitals, or States where the hospitals were not individually identified), or 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 AN-DRG.



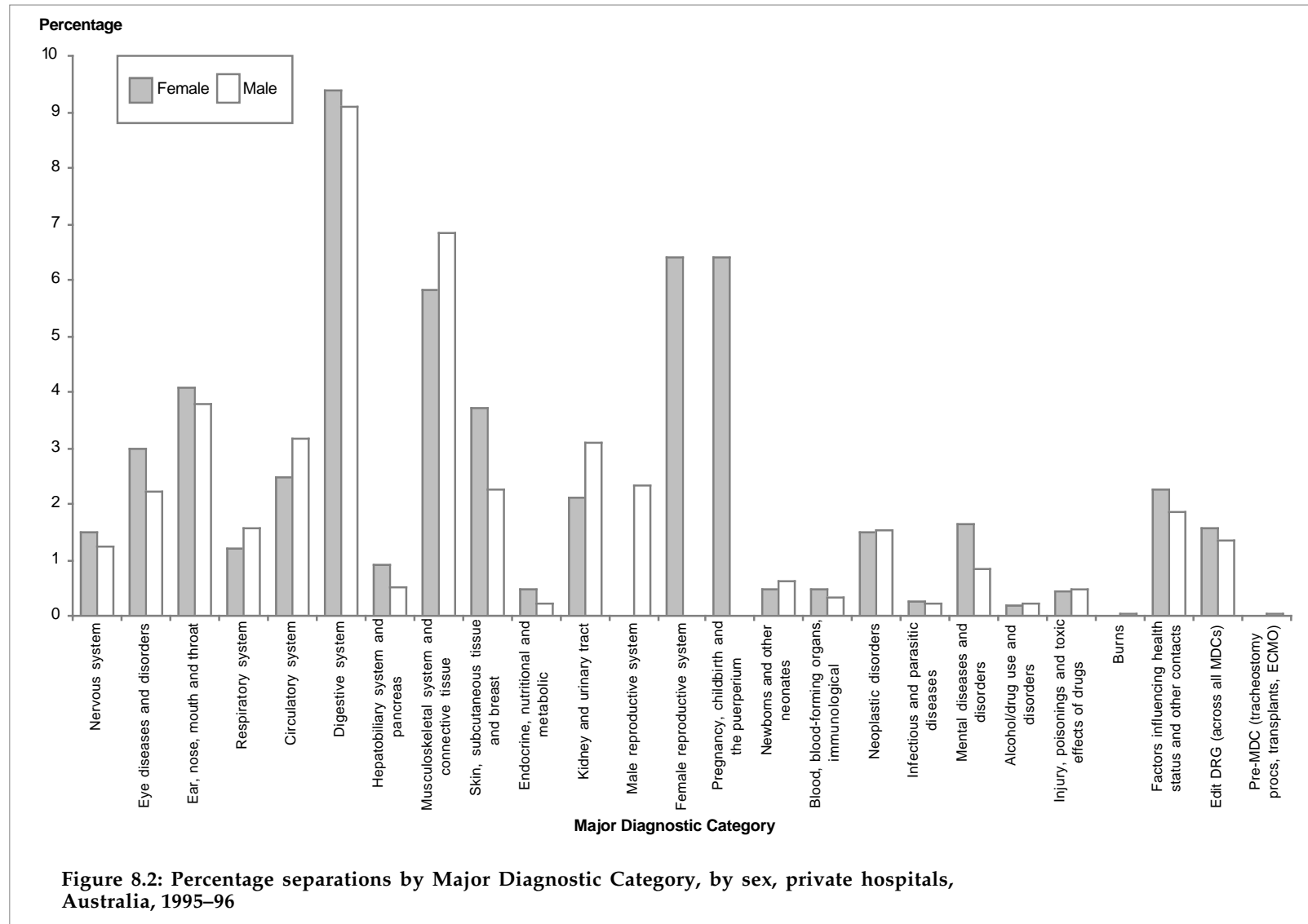


Table 8.1: Separation, same day separation, patient day, average length of stay and cost statistics by Major Diagnostic Category, public hospitals, Australia, 1995–96

Major Diagnostic Category		Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day	Cost by volume (\$'000)
01	Nervous system	183,481	42,945	23.4	10.1	2,189,942	120.6	11.9	15.3	694,473
02	Eye diseases and disorders	67,610	34,239	50.6	3.7	127,679	7.0	1.9	2.8	138,446
03	Ear, nose, mouth, throat	167,213	64,211	38.4	9.2	325,828	17.9	1.9	2.5	227,614
04	Respiratory system	224,661	25,864	11.5	12.4	1,267,140	69.8	5.6	6.2	642,347
05	Circulatory system	298,901	47,859	16.0	16.5	1,643,443	90.5	5.5	6.4	1,109,283
06	Digestive system	400,482	173,548	43.3	22.0	1,248,070	68.7	3.1	4.7	787,166
07	Hepatobiliary system and pancreas	70,119	10,709	15.3	3.9	352,601	19.4	5.0	5.8	246,013
08	Musculoskeletal system and connective tissue	282,092	77,851	27.6	15.5	1,498,802	82.5	5.3	7.0	953,109
09	Skin, subcutaneous tissue and breast	145,112	68,435	47.2	8.0	542,824	29.9	3.7	6.2	310,064
10	Endocrine, nutritional and metabolic	40,673	6,932	17.0	2.2	233,728	12.9	5.7	6.7	115,938
11	Kidney and urinary tract	426,470	347,364	81.5	23.5	764,916	42.1	1.8	5.3	489,814
12	Male reproductive system	53,736	24,395	45.4	3.0	168,737	9.3	3.1	4.9	110,800
13	Female reproductive system	149,797	84,907	56.7	8.2	367,045	20.2	2.5	4.3	274,478
14	Pregnancy, childbirth and puerperium	334,465	63,257	18.9	18.4	1,143,297	62.9	3.4	4.0	687,773
15	Newborns and other neonates	63,421	6,760	10.7	3.5	476,482	26.2	7.5	8.3	260,021
16	Blood, blood forming organs, immunological	54,207	32,378	59.7	3.0	139,189	7.7	2.6	4.9	93,938
17	Neoplastic disorders	155,098	133,576	86.1	8.5	318,676	17.5	2.1	8.6	221,291
18	Infectious and parasitic diseases	49,673	12,096	24.4	2.7	243,351	13.4	4.9	6.2	167,657
19	Mental diseases and disorders	104,462	30,012	28.7	5.8	1,316,841	72.5	13.1	17.3	397,933
20	Alcohol/drug use and disorders	23,397	4,229	18.1	1.3	126,734	7.0	5.5	6.4	38,919
21	Injury, poison and toxic effects of drugs	99,721	30,087	30.2	5.5	330,870	18.2	3.3	4.3	230,320
22	Burns	5,632	931	16.5	0.3	40,100	2.2	7.1	8.3	32,661
23	Factors influencing health status, other contacts	168,134	91,982	54.7	9.3	1,958,392	107.8	11.6	24.5	576,164
ED	Edit DRG (across all MDCs)	21,454	5,792	27.0	1.2	326,719	18.0	17.2	20.5	102,239
PR	Pre-MDC (Tracheostomy procs, transplants, ECMO)	7,995	180	2.3	0.4	239,946	13.2	30.0	30.7	278,971
Total		3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	7.4	9,187,432

Note: Abbreviations: ALOS—Average length of stay, MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.2: Separation, same day separation, patient day, average length of stay and cost statistics by Major Diagnostic Category, private hospitals, Australia, 1995–96

Major Diagnostic Category	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	ALOS (days)	ALOS (days) excluding same day	Cost by volume (\$'000)(a)
01 Nervous system	43,542	11,416	26.2	2.4	410,985	22.8	9.4	12.4	104,920
02 Eye diseases and disorders	81,724	47,212	57.8	4.5	121,965	6.8	1.5	2.2	134,168
03 Ear, nose, mouth, throat	123,928	62,498	50.4	6.9	182,787	10.2	1.5	2.0	107,376
04 Respiratory system	43,730	3,258	7.5	2.4	286,706	15.9	6.6	7.0	96,133
05 Circulatory system	88,734	11,874	13.4	4.9	503,204	28.0	5.7	6.4	269,334
06 Digestive system	291,237	208,393	71.6	16.2	634,049	35.2	2.2	5.1	297,836
07 Hepatobiliary system and pancreas	22,335	1,997	8.9	1.2	106,615	5.9	4.8	5.1	52,797
08 Musculoskeletal system and connective tissue	199,860	65,099	32.6	11.1	933,578	51.9	4.7	6.4	521,284
09 Skin, subcutaneous tissue and breast	93,948	53,315	56.7	5.2	260,035	14.5	2.8	5.1	157,417
10 Endocrine, nutritional and metabolic	10,953	1,696	15.5	0.6	62,868	3.5	5.7	6.6	24,758
11 Kidney and urinary tract	82,016	54,794	66.8	4.6	184,684	10.3	2.3	4.8	88,283
12 Male reproductive system	36,670	17,179	46.8	2.0	109,501	6.1	3.0	4.7	60,326
13 Female reproductive system	100,883	60,740	60.2	5.6	253,253	14.1	2.5	4.8	149,940
14 Pregnancy, childbirth and puerperium	100,812	31,622	31.4	5.6	437,042	24.3	4.3	5.9	219,219
15 Newborns and other neonates	17,320	1,651	9.5	1.0	98,971	5.5	5.7	6.2	37,308
16 Blood, blood forming organs, immunological	12,851	6,991	54.4	0.7	33,714	1.9	2.6	4.6	16,148
17 Neoplastic disorders	47,316	39,835	84.2	2.6	91,216	5.1	1.9	6.9	47,759
18 Infectious and parasitic diseases	7,742	1,545	20.0	0.4	43,805	2.4	5.7	6.8	17,933
19 Mental diseases and disorders	39,191	19,778	50.5	2.2	388,573	21.6	9.9	19.0	93,900
20 Alcohol/drug use and disorders	5,971	2,233	37.4	0.3	59,343	3.3	9.9	15.3	13,245
21 Injury, poison and toxic effects of drugs	14,459	4,300	29.7	0.8	59,787	3.3	4.1	5.5	27,366
22 Burns	453	108	23.8	<0.1	3,263	0.2	7.2	9.1	1,299
23 Factors influencing health status, other contacts	65,214	41,682	63.9	3.6	444,938	24.7	6.8	17.1	111,113
ED Edit DRG (across all MDCs)	46,397	22,570	48.6	2.6	164,792	9.2	3.6	6.0	75,182
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	645	7	1.1	<0.1	19,199	1.1	29.8	30.1	13,346
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	6.4	2,738,390

(a) For 110 separations in 15 DRGs in MDCs 1, 4, 11, 15, 18, 21, 22 and the Pre-MDC, cost weights were unavailable for the private sector. *Cost by volume* (\$'000) for these DRGs was calculated using public cost weights

Note: Abbreviations: ALOS—Average length of stay, MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.3: Separations by Major Diagnostic Category, public hospitals, States and Territories, 1995–96

Major Diagnostic Category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01 Nervous system	64,577	45,209	32,328	17,882	16,586	3,313	2,185	1,382	183,462
02 Eye diseases and disorders	24,578	18,461	10,032	6,665	6,121	549	606	598	67,610
03 Ear, nose, mouth, throat	53,045	41,640	29,309	17,818	17,829	2,941	2,833	1,798	167,213
04 Respiratory system	83,895	49,396	38,856	20,438	22,135	4,217	2,470	3,254	224,661
05 Circulatory system	113,161	71,965	48,657	24,601	28,153	6,553	4,217	1,594	298,901
06 Digestive system	145,511	94,569	68,314	39,693	33,886	7,965	6,333	4,170	400,441
07 Hepatobiliary system and pancreas	26,702	16,870	11,553	5,992	6,055	1,404	983	560	70,119
08 Musculoskeletal system and connective tissue	99,906	65,671	49,000	28,246	26,504	5,595	4,059	3,111	282,092
09 Skin, subcutaneous tissue and breast	49,696	31,840	28,698	14,805	13,015	2,769	2,072	2,211	145,106
10 Endocrine, nutritional and metabolic	12,974	10,652	7,360	3,831	3,935	780	443	698	40,673
11 Kidney and urinary tract	141,787	108,335	67,169	36,339	39,048	8,635	11,673	13,480	426,466
12 Male reproductive system	19,430	15,039	6,532	5,127	5,321	1,168	608	511	53,736
13 Female reproductive system	50,609	42,036	23,051	14,095	13,537	2,675	2,180	1,614	149,797
14 Pregnancy, childbirth and puerperium	113,413	83,518	60,443	30,075	29,265	7,057	5,197	5,496	334,464
15 Newborns and other neonates	24,411	12,512	10,787	7,453	4,678	960	1,646	974	63,421
16 Blood, blood forming organs, immunological	18,651	15,098	7,006	5,162	5,825	1,204	884	377	54,207
17 Neoplastic disorders	49,243	43,928	26,598	14,105	13,246	3,926	3,940	112	155,098
18 Infectious and parasitic diseases	19,592	11,225	8,962	4,054	4,006	793	526	515	49,673
19 Mental diseases and disorders	36,021	19,862	20,450	12,643	10,977	2,485	1,285	739	104,462
20 Alcohol/drug use and disorders	11,096	2,754	5,161	2,429	1,422	296	75	164	23,397
21 Injury, poison and toxic effects of drugs	33,073	21,406	23,151	10,243	7,827	1,745	1,012	1,264	99,721
22 Burns	1,728	970	1,221	851	538	133	60	131	5,632
23 Factors influencing health status, other contacts	56,499	39,892	43,751	9,503	12,316	4,216	1,096	861	168,134
ED Edit DRG (across all MDCs)	3,945	8,464	2,011	4,568	959	929	313	336	21,525
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	2,583	2,193	1,588	608	700	132	132	59	7,995
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.4: Separations by Major Diagnostic Category, private hospitals, States and Territories, 1995–96

Major Diagnostic Category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01 Nervous system	10,224	13,022	10,287	2,987	4,744	1,970	308	n.a.	43,542
02 Eye diseases and disorders	29,528	17,393	19,752	5,090	6,453	3,122	386	n.a.	81,724
03 Ear, nose, mouth, throat	35,428	34,174	22,274	11,962	14,496	3,797	1,797	n.a.	123,928
04 Respiratory system	10,073	12,317	12,676	2,740	3,967	1,768	189	n.a.	43,730
05 Circulatory system	23,448	26,570	19,925	5,561	9,680	3,292	258	n.a.	88,734
06 Digestive system	98,478	83,495	61,166	19,429	19,101	8,347	1,221	n.a.	291,237
07 Hepatobiliary system and pancreas	6,332	5,970	4,905	1,774	2,331	802	221	n.a.	22,335
08 Musculoskeletal system and connective tissue	61,067	53,573	32,232	17,862	24,760	7,956	2,410	n.a.	199,860
09 Skin, subcutaneous tissue and breast	32,118	23,124	19,889	6,615	8,211	2,989	1,002	n.a.	93,948
10 Endocrine, nutritional and metabolic	2,664	3,174	2,691	805	1,183	387	49	n.a.	10,953
11 Kidney and urinary tract	24,437	24,584	16,029	4,283	10,255	1,848	580	n.a.	82,016
12 Male reproductive system	11,797	10,853	5,857	3,249	2,587	1,734	593	n.a.	36,670
13 Female reproductive system	33,144	26,055	20,377	8,122	8,110	3,704	1,371	n.a.	100,883
14 Pregnancy, childbirth and puerperium	37,564	23,483	16,986	10,184	7,165	4,047	1,383	n.a.	100,812
15 Newborns and other neonates	8,056	2,920	2,118	1,492	634	901	1,199	n.a.	17,320
16 Blood, blood forming organs, immunological	3,008	3,987	3,380	1,013	1,004	385	74	n.a.	12,851
17 Neoplastic disorders	7,059	18,396	14,730	3,189	2,784	762	396	n.a.	47,316
18 Infectious and parasitic diseases	1,920	1,886	2,223	534	686	443	50	n.a.	7,742
19 Mental diseases and disorders	14,501	8,615	10,103	2,245	2,612	1,091	24	n.a.	39,191
20 Alcohol/drug use and disorders	2,995	1,426	775	227	371	174	3	n.a.	5,971
21 Injury, poison and toxic effects of drugs	3,326	4,151	3,500	970	1,425	1,028	59	n.a.	14,459
22 Burns	99	109	112	29	61	39	4	n.a.	453
23 Factors influencing health status, other contacts	22,796	18,935	13,947	2,752	5,066	1,533	185	n.a.	65,214
ED Edit DRG (across all MDCs)	5,064	4,945	33,794	809	1,053	671	61	n.a.	46,397
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	114	194	178	46	84	28	1	n.a.	645
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.5: Patient days by Major Diagnostic Category, public hospitals, States and Territories, 1995–96

Major Diagnostic Category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01 Nervous system	1,057,510	386,585	355,616	160,061	158,657	42,936	17,439	11,101	2,189,905
02 Eye diseases and disorders	50,494	29,216	19,302	13,953	10,428	1,681	1,022	1,583	127,679
03 Ear, nose, mouth, throat	114,948	71,540	56,365	34,085	33,577	6,224	5,243	3,846	325,828
04 Respiratory system	504,378	276,298	207,174	106,908	110,084	29,020	14,580	18,698	1,267,140
05 Circulatory system	688,715	352,763	266,285	127,831	136,625	42,348	20,600	8,276	1,643,443
06 Digestive system	491,010	272,122	199,585	117,015	102,977	26,277	19,758	19,263	1,248,007
07 Hepatobiliary system and pancreas	142,891	80,561	55,289	29,034	28,665	7,692	5,450	3,019	352,601
08 Musculoskeletal system and connective tissue	579,814	324,638	257,001	147,924	109,776	38,350	21,667	19,632	1,498,802
09 Skin, subcutaneous tissue and breast	195,922	115,724	106,240	51,772	44,572	11,422	6,039	11,126	542,817
10 Endocrine, nutritional and metabolic	86,985	53,643	39,633	19,073	20,636	4,719	2,618	6,421	233,728
11 Kidney and urinary tract	272,056	180,942	128,780	66,170	63,591	17,208	17,604	18,555	764,906
12 Male reproductive system	70,229	39,969	22,029	13,074	14,758	4,468	3,006	1,204	168,737
13 Female reproductive system	131,998	92,004	56,436	36,309	32,386	8,216	5,924	3,772	367,045
14 Pregnancy, childbirth and puerperium	403,219	277,502	199,680	106,824	91,729	24,676	19,422	20,243	1,143,295
15 Newborns and other neonates	165,120	112,691	79,876	48,624	40,036	8,668	11,618	9,849	476,482
16 Blood, blood forming organs, immunological	52,649	33,598	19,515	13,213	12,763	3,628	2,169	1,654	139,189
17 Neoplastic disorders	106,954	93,383	50,905	26,162	25,674	7,918	7,250	430	318,676
18 Infectious and parasitic diseases	91,486	62,324	41,728	20,753	15,733	4,653	3,039	3,635	243,351
19 Mental diseases and disorders	611,072	182,933	175,336	87,099	210,474	26,030	17,167	6,730	1,316,841
20 Alcohol/drug use and disorders	69,731	11,095	22,400	10,511	9,284	2,569	414	730	126,734
21 Injury, poison and toxic effects of drugs	113,434	65,569	74,301	35,273	24,411	8,230	5,163	4,489	330,870
22 Burns	12,329	6,801	7,388	7,063	3,103	1,404	565	1,447	40,100
23 Factors influencing health status, other contacts	850,211	436,112	267,461	85,789	240,513	56,222	17,609	4,475	1,958,392
ED Edit DRG (across all MDCs)	35,792	30,189	14,484	118,858	7,921	114,979	2,579	2,036	326,838
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	74,303	71,276	46,615	17,103	19,183	3,769	4,035	3,662	239,946
Total	6,973,250	3,659,478	2,769,424	1,500,481	1,567,556	503,307	231,980	185,876	17,391,352

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.6: Patient days by Major Diagnostic Category, private hospitals, States and Territories, 1995–96

Major Diagnostic Category		NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01	Nervous system	67,499	98,091	176,200	19,303	36,893	11,470	1,529	n.a.	410,985
02	Eye diseases and disorders	41,625	23,011	34,471	8,604	9,264	4,396	594	n.a.	121,965
03	Ear, nose, mouth, throat	51,513	47,956	32,619	20,329	22,391	5,768	2,211	n.a.	182,787
04	Respiratory system	50,206	83,565	87,297	24,928	27,325	11,948	1,437	n.a.	286,706
05	Circulatory system	113,927	152,200	141,045	30,299	48,589	15,819	1,325	n.a.	503,204
06	Digestive system	177,306	176,895	151,084	51,564	52,816	20,599	3,785	n.a.	634,049
07	Hepatobiliary system and pancreas	27,369	28,991	25,330	8,493	11,777	3,772	883	n.a.	106,615
08	Musculoskeletal system and connective tissue	259,039	250,287	204,775	79,205	96,591	34,475	9,206	n.a.	933,578
09	Skin, subcutaneous tissue and breast	80,086	68,610	55,168	20,716	24,904	8,291	2,260	n.a.	260,035
10	Endocrine, nutritional and metabolic	13,523	16,768	18,341	5,255	6,555	2,153	273	n.a.	62,868
11	Kidney and urinary tract	48,492	51,782	44,038	13,277	19,418	6,013	1,664	n.a.	184,684
12	Male reproductive system	33,838	29,259	21,058	9,113	8,242	6,094	1,897	n.a.	109,501
13	Female reproductive system	81,176	61,267	47,869	23,458	24,971	10,735	3,777	n.a.	253,253
14	Pregnancy, childbirth and puerperium	133,677	119,448	86,760	40,315	33,412	15,891	7,539	n.a.	437,042
15	Newborns and other neonates	44,459	14,650	15,675	10,530	3,262	4,144	6,251	n.a.	98,971
16	Blood, blood forming organs, immunological	6,998	9,862	9,171	2,897	3,413	1,172	201	n.a.	33,714
17	Neoplastic disorders	15,314	34,322	25,106	6,932	6,929	1,924	689	n.a.	91,216
18	Infectious and parasitic diseases	8,598	12,801	12,452	3,508	4,273	1,901	272	n.a.	43,805
19	Mental diseases and disorders	127,127	70,462	107,096	33,124	43,398	7,123	243	n.a.	388,573
20	Alcohol/drug use and disorders	24,369	16,908	10,081	2,401	4,447	1,110	27	n.a.	59,343
21	Injury, poison and toxic effects of drugs	13,066	18,850	15,577	3,952	5,366	2,750	226	n.a.	59,787
22	Burns	916	1,123	706	230	195	80	13	n.a.	3,263
23	Factors influencing health status, other contacts	122,318	190,745	68,127	8,133	48,854	6,067	694	n.a.	444,938
ED	Edit DRG (across all MDCs)	14,045	21,529	113,950	6,039	5,913	2,960	356	n.a.	164,792
PR	Pre-MDC (Tracheostomy procs, transplants, ECMO)	3,188	5,440	5,740	1,309	2,853	663	6	n.a.	19,199
Total		1,559,674	1,604,822	1,509,736	433,914	552,051	187,318	47,358	n.a.	5,894,873

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.7: Separations for public patients as a percentage of total separations from public hospitals, by Major Diagnostic Category, States and Territories, 1995–96

Major Diagnostic Category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01 Nervous system	78.3	80.6	88.5	82.6	80.0	78.4	82.1	94.0	81.4
02 Eye diseases and disorders	80.8	63.5	61.6	89.5	80.3	91.3	92.4	89.6	74.3
03 Ear, nose, mouth, throat	84.4	78.5	80.5	84.4	82.5	91.2	91.7	92.8	82.4
04 Respiratory system	79.1	81.9	90.0	86.5	80.7	74.7	81.8	97.5	82.6
05 Circulatory system	75.7	80.3	87.3	77.4	79.4	73.8	74.8	96.3	79.2
06 Digestive system	81.2	84.2	85.1	87.4	83.0	86.9	85.0	94.6	83.7
07 Hepatobiliary system and pancreas	80.7	85.0	85.4	86.7	86.1	85.3	81.6	95.5	83.7
08 Musculoskeletal system and connective tissue	77.4	77.5	84.2	81.9	79.2	81.8	79.8	84.1	79.4
09 Skin, subcutaneous tissue and breast	80.9	81.6	88.0	89.2	85.3	89.4	92.7	93.8	84.2
10 Endocrine, nutritional and metabolic	79.1	85.1	89.3	88.2	85.1	85.1	85.8	99.0	84.5
11 Kidney and urinary tract	79.0	89.1	91.0	88.1	85.3	83.1	97.7	98.9	86.0
12 Male reproductive system	80.1	81.7	76.7	87.2	82.6	92.6	85.7	93.9	81.5
13 Female reproductive system	82.4	79.3	80.9	88.6	84.7	95.5	88.7	89.2	82.5
14 Pregnancy, childbirth and puerperium	83.1	84.4	90.4	91.8	91.6	82.1	86.2	92.9	86.5
15 Newborns and other neonates	85.5	87.9	93.2	79.4	86.1	78.2	83.6	97.6	86.6
16 Blood, blood forming organs, immunological	72.5	81.6	90.0	88.0	79.5	84.3	81.4	97.3	80.1
17 Neoplastic disorders	69.6	82.8	87.3	79.1	77.2	78.5	77.9	96.4	78.3
18 Infectious and parasitic diseases	85.6	86.2	87.7	87.2	87.0	82.6	81.9	95.0	86.4
19 Mental diseases and disorders	83.9	92.8	97.9	95.8	93.3	93.0	94.5	97.8	91.1
20 Alcohol/drug use and disorders	92.3	95.1	99.1	98.1	94.2	93.2	90.7	98.8	94.9
21 Injury, poison and toxic effects of drugs	80.7	80.1	92.8	81.4	79.0	77.4	81.9	91.7	83.4
22 Burns	78.2	79.4	91.4	76.1	80.9	75.2	75.0	93.1	81.4
23 Factors influencing health status, other contacts	79.0	81.5	94.8	84.6	83.2	70.1	87.2	95.7	84.2
ED Edit DRG (across all MDCs)	76.4	86.5	84.9	84.7	67.9	82.5	83.7	91.4	82.9
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	74.4	73.6	89.9	72.4	63.3	59.8	84.1	89.8	76.2
Total	79.7	82.6	88.0	85.9	83.3	82.2	86.7	95.0	83.1

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.8: Patient days for public patients as a percentage of total patient days in public hospitals, by Major Diagnostic Category, States and Territories, 1995–96

Major Diagnostic Category	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
01 Nervous system	79.7	81.1	87.6	78.6	86.3	64.4	79.5	95.4	81.5
02 Eye diseases and disorders	77.9	67.2	73.6	87.0	80.0	80.7	88.1	95.3	76.3
03 Ear, nose, mouth, throat	82.2	78.5	84.9	84.7	83.4	87.5	89.7	93.4	82.6
04 Respiratory system	76.3	80.2	89.8	85.3	80.7	69.3	81.4	97.8	80.7
05 Circulatory system	75.1	78.2	86.6	80.4	79.2	69.5	76.8	97.4	78.4
06 Digestive system	78.0	81.9	86.6	84.8	82.0	83.0	81.1	97.2	81.7
07 Hepatobiliary system and pancreas	78.0	82.8	88.1	86.0	84.0	85.0	77.5	97.4	82.1
08 Musculoskeletal system and connective tissue	75.1	74.2	85.3	81.0	77.2	75.6	77.6	84.9	77.6
09 Skin, subcutaneous tissue and breast	78.2	79.1	85.6	88.4	82.7	77.4	87.0	96.0	81.6
10 Endocrine, nutritional and metabolic	82.0	82.3	90.4	86.9	83.0	83.5	77.8	99.5	84.4
11 Kidney and urinary tract	77.4	85.9	89.8	86.9	84.6	80.6	93.4	98.5	83.9
12 Male reproductive system	75.1	78.5	83.0	88.0	76.1	87.8	85.5	96.5	78.7
13 Female reproductive system	81.0	79.2	84.8	89.0	87.2	87.3	89.0	91.9	82.8
14 Pregnancy, childbirth and puerperium	81.8	82.1	87.8	90.0	88.8	74.2	86.1	93.8	84.4
15 Newborns and other neonates	84.8	82.5	91.6	77.3	77.3	68.8	87.9	95.9	84.0
16 Blood, blood forming organs, immunological	73.2	79.5	91.5	84.2	77.0	77.3	80.4	98.2	79.2
17 Neoplastic disorders	71.1	79.3	88.1	80.2	78.4	79.6	79.1	96.3	78.0
18 Infectious and parasitic diseases	80.7	84.9	89.3	87.5	84.6	74.0	83.9	96.9	84.2
19 Mental diseases and disorders	86.6	91.7	97.2	95.0	96.2	93.1	94.8	98.8	91.1
20 Alcohol/drug use and disorders	92.3	88.5	99.2	97.2	92.2	86.6	94.9	96.7	93.5
21 Injury, poison and toxic effects of drugs	73.2	68.8	89.2	73.1	70.5	63.0	77.0	86.5	75.7
22 Burns	70.9	76.4	93.0	77.3	80.9	72.2	73.5	96.4	78.8
23 Factors influencing health status, other contacts	74.0	78.8	86.8	79.4	84.8	20.3	90.8	95.7	77.0
ED Edit DRG (across all MDCs)	77.1	76.4	90.6	82.5	64.4	84.6	84.1	93.0	81.9
PR Pre-MDC (Tracheostomy procs, transplants, ECMO)	73.5	77.7	90.0	69.6	60.9	60.7	80.1	96.9	76.9
Total	78.3	80.3	88.1	83.7	84.1	71.4	84.2	95.1	81.3

Note: Abbreviations: MDC—Major Diagnostic Category, DRG—Diagnosis Related Group, procs—procedures, ECMO—extracorporeal membrane oxygenation.

Table 8.9: Separation, same day separation, patient day, average length of stay and cost statistics for the 30 AN-DRGs (v3.0) with the highest number of separations, public hospitals, Australia, 1995–96

AN-DRG	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Cost by volume (\$'000)	Rank by patient days
572 Admit for Renal Dialysis	310,513	309,819	99.8	17.1	313,442	17.3	1.0	194,468	7
780 Chemotherapy	122,066	120,183	98.5	6.7	124,673	6.9	1.0	96,875	17
674 Vaginal Delivery W/O Complicating Diagnosis	112,753	3,058	2.7	6.2	392,900	21.6	3.5	217,981	5
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	68,776	61,897	90.0	3.8	86,963	4.8	1.3	54,583	29
335 Other Colonoscopy W/O CC	47,997	42,147	87.8	2.6	63,553	3.5	1.3	35,480	43
187 Bronchitis & Asthma Age<50 W/O CC	44,153	5,313	12.0	2.4	102,098	5.6	2.3	44,244	24
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	39,049	26,691	68.4	2.1	43,472	2.4	1.1	40,653	81
484 Other Skin, Subcutaneous Tissue & Breast Procedures	37,262	30,532	81.9	2.1	53,028	2.9	1.4	48,662	58
686 Other Antenatal W Moderate or No Complicating Diagnosis	36,739	12,367	33.7	2.0	71,956	4.0	2.0	46,093	37
252 Heart Failure & Shock	32,700	1,924	5.9	1.8	294,074	16.2	9.0	116,900	8
941 Rehabilitation	32,266	174	0.5	1.8	826,357	45.5	25.6	349,658	2
659 Conisation, Vagina, Cervix & Vulva Procedures	31,988	25,947	81.1	1.8	40,147	2.2	1.3	36,553	92
943 Other Factors Influencing Health Status Age<80 W/O CC	31,975	19,346	60.5	1.8	263,353	14.5	8.2	50,162	9
177 Chronic Obstructive Airways Disease	30,441	1,956	6.4	1.7	254,345	14.0	8.4	105,637	10
347 Abdominal Pain or Mesenteric Adenitis W/O CC	30,105	8,577	28.5	1.7	58,387	3.2	1.9	27,910	50
099 Lens Procedures W/O Vitrectomy & W/O CC	29,351	17,603	60.0	1.6	35,961	2.0	1.2	56,984	107
727 Neonate, Adm Wt >2499g, W/O Signif O.R. Proc, W/O Problem	29,316	4,198	14.3	1.6	104,276	5.7	3.6	23,748	45
261 Chest Pain	28,088	7,571	27.0	1.5	61,548	3.4	2.2	35,730	76
940 Intended Sameday Rehabilitation	28,002	27,062	96.6	1.5	45,638	2.5	1.6	5,232	25
455 Medical Back Problems Age<75 W/O CC	27,361	8,308	30.4	1.5	100,290	5.5	3.7	52,615	6
843 Major Affective Disorders	27,292	8,988	32.9	1.5	334,420	18.4	12.8	151,675	127
660 Endoscopic Procedures, Female Reproductive System	27,040	21,844	80.8	1.5	31,072	1.7	1.1	36,645	49
349 Oesophagitis, Gastroent & Misc Dig Dis Age 10-74 W/O CC	26,967	7,293	27.0	1.5	58,184	3.2	2.2	34,581	26
889 Poisoning/Toxic Effects of Drugs Age<60 W/O CC	26,018	8,672	33.3	1.4	42,756	2.4	1.6	26,338	83
942 Other Factors Influencing Health Status Age>79 or W CC	24,420	8,812	36.1	1.3	654,293	36.0	26.8	113,550	3
122 Tonsillectomy &/or Adenoidectomy	24,411	2,451	10.0	1.3	35,941	2.0	1.5	32,456	108
841 Schizophrenia Disorders	24,349	4,462	18.3	1.3	638,161	35.1	28.8	124,569	4
128 Dental Extractions & Restorations	24,119	20,413	84.6	1.3	26,904	1.5	1.1	16,071	156
885 Injuries Age<65	24,052	10,687	44.4	1.3	42,687	2.3	1.8	22,447	85
473 Fx, Sprn, Strn&Disloc of Frarm, Hnd, Ft Age<75 W/O CC	23,400	9,048	38.7	1.3	29,396	1.6	1.3	19,964	136
Other	2,195,037	583,196	26.6	120.8	12,161,077	669.4	5.5	6,968,006	..
Total	3,598,006	1,420,539	39.5	198.1	17,391,352	957.4	4.8	9,186,471	

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.10: Separation, same day separation, patient day, average length of stay and cost statistics for the 30 AN-DRGs (v3.0) with the highest number of separations, public hospitals, Australia, 1995-96

AN-DRG	Separations	Same day separations	Per cent same day separations	Separations per 1,000 population	Patient days	Patient days per 1,000 population	Average length of stay (days)	Cost by volume (\$'000)	Rank by patient days
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	90,845	87,277	96.1	5.1	104,554	5.8	1.2	46,168	5
335 Other Colonoscopy W/O CC	84,129	79,076	94.0	4.7	96,369	5.4	1.1	43,274	7
099 Lens Procedures W/O Vitrectomy & W/O CC	52,480	30,207	57.6	2.9	67,078	3.7	1.3	91,920	15
128 Dental Extractions & Restorations	45,721	32,153	70.3	2.5	49,417	2.7	1.1	21,124	22
421 Knee Procedures	44,596	23,244	52.1	2.5	66,884	3.7	1.5	65,612	16
780 Chemotherapy	36,312	35,583	98.0	2.0	36,952	2.1	1.0	19,237	33
572 Admit for Renal Dialysis	32,282	32,249	99.9	1.8	32,405	1.8	1.0	17,301	43
674 Vaginal Delivery W/O Complicating Diagnosis	30,782	112	0.4	1.7	172,388	9.6	5.6	79,230	3
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	28,414	26,153	92.0	1.6	33,109	1.8	1.2	29,610	41
484 Other Skin, Subcutaneous Tissue & Breast Procedures	24,850	20,554	82.7	1.4	32,448	1.8	1.3	28,396	42
455 Medical Back Problems Age<75 W/O CC	21,614	8,747	40.5	1.2	83,642	4.6	3.9	28,316	8
659 Conisation, Vagina, Cervix & Vulva Procedures	18,484	15,206	82.3	1.0	23,544	1.3	1.3	16,966	58
122 Tonsillectomy &/or Adenoidectomy	17,176	2,871	16.7	1.0	22,502	1.3	1.3	16,806	63
320 Inguinal & Femoral Hernia Procedures Age>9	16,951	749	4.4	0.9	45,751	2.5	2.7	31,465	24
330 Other Gastroscopy for Major Digestive Disease W/O CC	16,620	14,869	89.5	0.9	22,499	1.3	1.4	11,825	64
656 Uterine, Adnexa Proc for Non-Malig	16,493	3,546	21.5	0.9	75,713	4.2	4.6	38,218	11
274 Circ Dsr W/O AMI W Invas Card Inves Proc W/O CC	15,925	4,776	30.0	0.9	26,314	1.5	1.7	19,326	53
843 Major Affective Disorders	15,843	8,346	52.7	0.9	174,426	9.7	11.0	53,515	2
318 Anal & Stomal Procedures W/O CC	15,268	6,867	45.0	0.8	33,732	1.9	2.2	22,181	39
660 Endoscopic Procedures, Female Reproductive System	15,240	11,422	74.9	0.8	19,031	1.1	1.2	15,443	73
424 Local Excision & Removal Int Fix Devs Exc Hip & Femur	14,309	6,663	46.6	0.8	24,971	1.4	1.7	18,173	56
661 Diagnostic Curettage &/or Diagnostic Hysteroscopy	14,172	12,666	89.4	0.8	15,615	0.9	1.1	11,306	83
124 Myringotomy W Tube Insertion	13,277	12,902	97.2	0.7	14,716	0.8	1.1	11,628	90
505 Other Skin Graft &/or Debridement Procedures	13,147	8,766	66.7	0.7	23,142	1.3	1.8	23,068	60
367 Cholecystectomy W/O C.D.E.	12,978	41	0.3	0.7	48,991	2.7	3.8	30,753	23
934 Short Stay Contacts W Health Services	12,730	12,213	95.9	0.7	13,632	0.8	1.1	5,529	98
432 Hand or Wrist Procedures Exc Major Joint	12,184	6,623	54.4	0.7	16,437	0.9	1.3	14,098	81
657 Uterine, Adnexa Proc for Non-Malig Age<40 W/O CC	12,000	5,065	42.2	0.7	30,247	1.7	2.5	18,715	48
483 Skin, Subcutaneous Tissue & Breast Plastic Procedures	11,961	6,348	53.1	0.7	21,301	1.2	1.8	18,334	67
941 Rehabilitation	11,897	1,006	8.5	0.7	259,247	14.4	21.8	66,349	1
Other	809,251	255,493	31.6	45.0	4,207,816	233.9	5.3	1,824,506	..
Total	1,577,931	771,793	48.9	87.7	5,894,873	327.7	3.7	2,738,390	

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.11: Separations for the 30 AN-DRGs (v3.0) with the highest number of separations, public hospitals, States and Territories, 1995–96

AN-DRG	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
572 Admit for Renal Dialysis	99,882	81,015	47,302	24,662	28,824	6,145	10,307	12,376	310,513
780 Chemotherapy	39,371	33,980	20,637	11,438	9,991	3,286	3,311	52	122,066
674 Vaginal Delivery W/O Complicating Diagnosis	42,723	25,927	21,023	9,809	7,272	2,080	2,067	1,851	112,752
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	23,663	18,296	10,799	7,202	5,105	1,678	1,290	743	68,776
335 Other Colonoscopy W/O CC	16,056	11,526	8,495	5,501	3,639	1,281	1,149	333	47,980
187 Bronchitis & Asthma Age<50 W/O CC	15,685	8,976	7,961	4,831	5,170	544	532	454	44,153
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	11,095	11,060	3,997	3,368	6,857	849	503	1,320	39,049
484 Other Skin, Subcutaneous Tissue & Breast Procedures	11,997	7,542	8,829	4,011	2,968	834	809	267	37,257
686 Other Antenatal W Moderate or No Complicating Diagnosis	10,841	9,357	8,400	3,291	3,035	873	406	536	36,739
252 Heart Failure & Shock	12,026	8,614	4,739	2,960	3,259	617	274	211	32,700
941 Rehabilitation	14,795	11,468	2,324	1,571	1,775	132	177	24	32,266
659 Conisation, Vagina, Cervix & Vulva Procedures	10,754	8,851	5,689	2,022	3,334	479	488	371	31,988
943 Other Factors Influencing Health Status Age<80 W/O CC	7,643	5,022	12,566	1,375	3,694	927	269	479	31,975
177 Chronic Obstructive Airways Disease	13,433	5,313	5,218	2,551	2,580	736	248	362	30,441
347 Abdominal Pain or Mesenteric Adenitis W/O CC	11,542	6,303	6,004	2,861	2,146	595	335	319	30,105
099 Lens Procedures W/O Vitrectomy & W/O CC	11,028	7,961	4,185	2,722	2,935	56	277	187	29,351
727 Neonate, Adm Wt >2499g, W/O Signif O.R. Proc, W/O Problem	12,550	4,326	4,551	3,661	2,375	442	985	454	29,344
261 Chest Pain	11,276	6,400	5,139	1,830	2,434	390	302	317	28,088
940 Intended Sameday Rehabilitation	9,427	8,656	9,855	11	31	1	20	1	28,002
455 Medical Back Problems Age<75 W/O CC	9,528	6,125	4,472	3,467	2,672	563	266	268	27,361
843 Major Affective Disorders	8,088	5,395	5,201	4,594	3,005	542	362	105	27,292
660 Endoscopic Procedures, Female Reproductive System	9,503	7,536	3,485	3,041	2,235	526	449	265	27,040
349 Oesophagitis, Gastroent & Misc Dig Dis Age 10-74 W/O CC	10,429	4,966	5,624	2,696	2,273	435	195	349	26,967
889 Poisoning/Toxic Effects of Drugs Age<60 W/O CC	7,717	5,808	6,309	2,795	2,230	561	286	312	26,018
942 Other Factors Influencing Health Status Age>79 or W CC	8,759	3,130	7,628	1,372	2,342	1,013	149	27	24,420
122 Tonsillectomy &/or Adenoidectomy	7,505	7,328	3,710	2,324	2,656	339	409	140	24,411
841 Schizophrenia Disorders	7,895	5,431	5,799	1,195	2,807	640	376	206	24,349
128 Dental Extractions & Restorations	6,619	6,369	4,360	2,697	2,411	726	584	353	24,119
885 Injuries Age<65	7,984	3,899	7,309	2,360	1,422	349	141	588	24,052
473 Fx, Sprn, Strn&Disloc of Frarm, Hnd, Ft Age<75 W/O CC	8,758	4,225	5,662	2,050	1,662	309	290	444	23,400
Other	777,554	532,700	374,716	212,958	200,745	44,492	29,572	22,295	2,195,032
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder, diag—diagnosis.

Table 8.12: Separations for the 30 AN-DRGs (v3.0) with the highest number of separations, private hospitals, States and Territories, 1995–96

AN-DRG	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	35,704	24,582	18,058	5,326	4,772	2,253	150	n.a.	90,845
335 Other Colonoscopy W/O CC	28,733	25,094	17,741	5,823	4,453	2,070	215	n.a.	84,129
099 Lens Procedures W/O Vitrectomy & W/O CC	18,495	10,691	13,669	3,091	4,420	1,942	172	n.a.	52,480
128 Dental Extractions & Restorations	12,943	13,939	7,392	5,269	4,193	1,139	846	n.a.	45,721
421 Knee Procedures	16,015	11,539	5,449	3,657	6,067	1,218	651	n.a.	44,596
780 Chemotherapy	5,201	14,869	11,092	2,455	1,886	471	338	n.a.	36,312
572 Admit for Renal Dialysis	8,323	12,038	5,925	0	5,996	0	0	n.a.	32,282
674 Vaginal Delivery W/O Complicating Diagnosis	8,157	8,770	6,470	2,567	2,619	1,724	475	n.a.	30,782
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	17,169	3,669	1,558	4,460	961	502	95	n.a.	28,414
484 Other Skin, Subcutaneous Tissue & Breast Procedures	9,657	5,736	4,825	1,849	1,510	925	348	n.a.	24,850
455 Medical Back Problems Age<75 W/O CC	4,967	5,832	3,584	2,405	3,398	1,382	46	n.a.	21,614
659 Conisation, Vagina, Cervix & Vulva Procedures	6,823	4,321	3,626	1,162	1,693	627	232	n.a.	18,484
122 Tonsillectomy &/or Adenoidectomy	5,272	4,112	3,697	1,441	1,937	484	233	n.a.	17,176
320 Inguinal & Femoral Hernia Procedures Age>9	5,794	4,552	3,190	1,280	1,290	567	278	n.a.	16,951
330 Other Gastroscopy for Major Digestive Disease W/O CC	6,051	4,961	3,268	902	1,055	348	35	n.a.	16,620
656 Uterine, Adnexa Proc for Non-Malig	5,257	4,030	3,483	1,348	1,484	665	226	n.a.	16,493
274 Circ Dsr W/O AMI W Invas Card Inves Proc W/O CC	6,484	3,682	2,959	997	1,371	432	0	n.a.	15,925
843 Major Affective Disorders	4,947	4,283	4,043	880	1,388	295	7	n.a.	15,843
318 Anal & Stomal Procedures W/O CC	6,451	3,392	2,442	1,317	1,131	408	127	n.a.	15,268
660 Endoscopic Procedures, Female Reproductive System	5,019	3,666	3,361	1,520	947	508	219	n.a.	15,240
424 Local Excision & Removal Int Fix Devs Exc Hip & Femur	4,994	4,092	1,675	1,214	1,460	613	261	n.a.	14,309
661 Diagnostic Curettage &/or Diagnostic Hysteroscopy	4,861	4,008	2,311	1,138	1,113	464	277	n.a.	14,172
124 Myringotomy W Tube Insertion	3,365	3,889	1,959	1,336	2,082	507	139	n.a.	13,277
505 Other Skin Graft &/or Debridement Procedures	4,851	2,772	3,089	523	1,544	270	98	n.a.	13,147
367 Cholecystectomy W/O C.D.E.	4,414	3,235	2,546	995	1,199	434	155	n.a.	12,978
934 Short Stay Contacts W Health Services	4,796	3,727	2,756	554	528	334	35	n.a.	12,730
432 Hand or Wrist Procedures Exc Major Joint	3,835	3,289	2,102	1,044	1,324	469	121	n.a.	12,184
657 Uterine, Adnexa Proc for Non-Malig Age<40 W/O CC	3,588	3,062	2,688	904	854	751	153	n.a.	12,000
483 Skin, Subcutaneous Tissue & Breast Plastic Procedures	4,179	2,444	2,994	846	1,178	231	89	n.a.	11,961
941 Rehabilitation	3,702	5,910	1,505	24	739	17	0	n.a.	11,897
Other	225,193	213,165	200,449	57,642	74,231	30,768	7,803	n.a.	809,251
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.13: Average length of stay (days) for the 30 AN-DRGs (v3.0) with the highest number of separations, public hospitals, States and Territories, 1995–96

AN-DRG	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
572 Admit for Renal Dialysis	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
780 Chemotherapy	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.8	1.0
674 Vaginal Delivery W/O Complicating Diagnosis	3.4	3.6	3.4	3.5	3.5	3.6	3.4	4.0	3.5
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	1.4	1.1	1.3	1.2	1.2	1.2	1.3	1.6	1.3
335 Other Colonoscopy W/O CC	1.4	1.2	1.3	1.3	1.3	1.3	1.6	1.4	1.3
187 Bronchitis & Asthma Age<50 W/O CC	2.2	1.8	2.9	2.4	2.3	2.4	2.5	3.2	2.3
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.1
484 Other Skin, Subcutaneous Tissue & Breast Procedures	1.5	1.3	1.4	1.4	1.4	1.4	1.2	2.3	1.4
686 Other Antenatal W Moderate or No Complicating Diagnosis	2.1	1.8	1.8	2.2	1.8	2.2	2.4	2.7	2.0
252 Heart Failure & Shock	10.5	7.5	8.9	8.1	7.7	12.0	9.9	7.0	9.0
941 Rehabilitation	24.4	27.2	25.0	27.6	23.5	30.0	34.2	23.1	25.6
659 Conisation, Vagina, Cervix & Vulva Procedures	1.3	1.1	1.3	1.4	1.2	1.7	1.2	1.3	1.3
943 Other Factors Influencing Health Status Age<80 W/O CC	12.1	3.8	4.8	4.4	19.1	12.5	3.0	5.6	8.2
177 Chronic Obstructive Airways Disease	9.3	6.5	8.1	8.5	7.2	10.7	8.7	7.3	8.4
347 Abdominal Pain or Mesenteric Adenitis W/O CC	2.1	1.6	1.9	2.1	1.9	2.2	2.2	2.5	1.9
099 Lens Procedures W/O Vitrectomy & W/O CC	1.2	1.2	1.2	1.4	1.2	2.6	1.2	2.0	1.2
727 Neonate,Adm Wt >2499g,W/O Signif O.R. Proc,W/O Problem	3.8	3.9	2.7	4.0	2.4	3.2	3.6	4.9	3.6
261 Chest Pain	2.3	1.8	2.4	2.3	2.1	2.7	2.3	2.2	2.2
940 Intended Sameday Rehabilitation	2.6	1.1	1.2	6.8	2.1	1.0	1.0	1.0	1.6
455 Medical Back Problems Age<75 W/O CC	4.1	3.2	3.7	3.7	3.1	4.0	3.0	4.9	3.7
843 Major Affective Disorders	14.4	12.9	10.8	6.3	21.2	14.0	16.4	16.1	12.8
660 Endoscopic Procedures, Female Reproductive System	1.2	1.1	1.3	1.1	1.1	1.2	1.2	1.3	1.1
349 Oesophagitis, Gastroent & Misc Dig Dis Age 10-74 W/O CC	2.3	1.9	2.0	2.1	2.1	2.6	2.9	3.5	2.2
889 Poisoning/Toxic Effects of Drugs Age<60 W/O CC	1.7	1.4	1.6	1.6	1.6	2.6	2.9	2.5	1.6
942 Other Factors Influencing Health Status Age>79 or W CC	35.7	18.5	14.8	10.3	48.6	36.1	39.4	13.6	26.8
122 Tonsillectomy &/or Adenoidectomy	1.7	1.3	1.3	1.6	1.5	1.8	1.4	1.2	1.5
841 Schizophrenia Disorders	46.0	19.8	11.6	13.3	39.1	15.0	16.3	10.9	28.8
128 Dental Extractions & Restorations	1.1	1.0	1.2	1.2	1.1	1.1	1.0	1.2	1.1
885 Injuries Age<65	1.8	1.6	1.6	2.2	1.7	1.9	2.1	3.0	1.8
473 Fx,Sprn,Strn&Disloc of Frarm,Hnd,Ft Age<75 W/O CC	1.3	1.2	1.2	1.3	1.2	1.4	1.4	2.2	1.3
Other	6.1	4.9	5.3	5.4	4.8	8.5	5.5	6.1	5.5
Total	5.6	4.2	4.4	4.4	4.8	6.9	4.1	4.0	4.8

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.14: Average length of stay (days) for the 30 AN-DRGs (v3.0) with the highest number of separations, private hospitals, States and Territories, 1995–96

AN-DRG	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	1.1	1.1	1.2	1.6	1.2	1.2	1.3	n.a.	1.2
335 Other Colonoscopy W/O CC	1.1	1.1	1.2	1.6	1.2	1.2	1.2	n.a.	1.1
099 Lens Procedures W/O Vitrectomy & W/O CC	1.2	1.2	1.3	1.4	1.3	1.3	1.7	n.a.	1.3
128 Dental Extractions & Restorations	1.1	1.0	1.0	1.3	1.1	1.1	1.0	n.a.	1.1
421 Knee Procedures	1.4	1.5	1.5	1.6	1.6	1.5	1.4	n.a.	1.5
780 Chemotherapy	1.0	1.0	1.0	1.0	1.0	1.1	1.0	n.a.	1.0
952 Ungroupable	2.5	5.2	3.2	8.0	7.5	4.3	..	n.a.	3.4
572 Admit for Renal Dialysis	1.0	1.0	1.0	..	1.0	..	..	n.a.	1.0
674 Vaginal Delivery W/O Complicating Diagnosis	5.7	5.9	5.5	5.9	5.1	4.5	5.0	n.a.	5.6
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	1.1	1.0	1.4	1.3	1.1	1.1	1.1	n.a.	1.2
484 Other Skin, Subcutaneous Tissue & Breast Procedures	1.3	1.2	1.3	1.5	1.4	1.3	1.2	n.a.	1.3
455 Medical Back Problems Age<75 W/O CC	4.0	3.9	6.2	2.6	2.3	3.0	6.9	n.a.	3.9
659 Conisation, Vagina, Cervix & Vulva Procedures	1.4	1.1	1.2	1.3	1.3	1.2	1.3	n.a.	1.3
122 Tonsillectomy &/or Adenoidectomy	1.3	1.3	1.1	1.6	1.4	1.4	1.2	n.a.	1.3
320 Inguinal & Femoral Hernia Procedures Age>9	2.9	2.6	2.3	2.8	3.0	2.6	2.6	n.a.	2.7
330 Other Gastroscopy for Major Digestive Disease W/O CC	1.2	1.3	1.6	1.5	1.4	1.8	3.2	n.a.	1.4
656 Uterine, Adnexa Proc for Non-Malig	4.7	4.4	4.0	5.1	5.3	4.9	5.6	n.a.	4.6
274 Circ Dsr W/O AMI W Invas Card Inves Proc W/O CC	1.4	2.0	1.8	1.6	1.6	2.0	..	n.a.	1.7
843 Major Affective Disorders	11.0	8.3	9.8	17.7	19.2	8.8	12.6	n.a.	11.0
318 Anal & Stomal Procedures W/O CC	1.8	2.2	2.3	2.9	3.1	2.7	2.3	n.a.	2.2
660 Endoscopic Procedures, Female Reproductive System	1.2	1.1	1.1	1.9	1.2	1.3	1.0	n.a.	1.2
424 Local Excision & Removal Int Fix Devs Exc Hip & Femur	1.7	1.7	1.8	1.9	1.9	1.7	1.6	n.a.	1.7
661 Diagnostic Curettage &/or Diagnostic Hysteroscopy	1.2	1.0	1.1	1.2	1.1	1.1	1.0	n.a.	1.1
124 Myringotomy W Tube Insertion	1.2	1.0	1.1	1.3	1.0	1.0	1.0	n.a.	1.1
505 Other Skin Graft &/or Debridement Procedures	1.7	1.8	1.7	3.2	1.5	2.6	1.6	n.a.	1.8
367 Cholecystectomy W/O C.D.E.	3.9	3.7	3.6	3.8	3.9	3.5	3.7	n.a.	3.8
934 Short Stay Contacts W Health Services	1.1	1.0	1.0	1.0	1.4	1.1	1.0	n.a.	1.1
432 Hand or Wrist Procedures Exc Major Joint	1.5	1.3	1.3	1.5	1.2	1.5	1.4	n.a.	1.3
657 Uterine, Adnexa Proc for Non-Malig Age<40 W/O CC	2.5	2.2	2.4	3.3	3.0	2.7	3.2	n.a.	2.5
483 Skin, Subcutaneous Tissue & Breast Plastic Procedures	1.6	2.2	1.6	2.6	1.7	1.9	1.4	n.a.	1.8
941 Rehabilitation	19.8	25.0	14.9	17.9	19.9	23.6	..	n.a.	21.8
Other	4.6	5.1	6.5	5.3	5.4	4.6	4.6	n.a.	5.3
Total	3.2	3.8	4.3	3.8	4.0	3.5	3.4	n.a.	3.7

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.15: Separations for males for the 30 AN-DRGs (v3.0) with the highest number of hospital separations, by age group, all hospitals, Australia, 1995–96

AN-DRG	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
572 Admit for Renal Dialysis	0	56	1,071	8,715	17,832	24,278	33,147	39,843	52,270	16,672	193,884
780 Chemotherapy	94	1,409	2,750	1,931	3,741	6,643	12,018	20,151	23,756	7,567	80,060
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	258	692	1,116	3,498	8,344	11,863	14,783	13,094	13,140	6,565	73,354
335 Other Colonoscopy W/O CC	12	73	199	1,347	4,005	7,927	13,075	13,180	14,194	6,826	60,838
421 Knee Procedures	6	9	454	7,304	9,629	8,442	6,760	4,426	2,647	801	40,481
099 Lens Procedures W/O Vitrectomy & W/O CC	7	27	64	105	172	462	1,522	3,799	11,106	15,264	32,533
320 Inguinal & Femoral Hernia Procedures Age>9	0	0	317	1,836	2,686	3,866	5,586	5,932	6,638	4,176	31,037
484 Other Skin, Subcutaneous Tissue & Breast Procedures	153	779	2,115	2,130	2,943	3,676	4,336	4,265	5,598	4,681	30,677
128 Dental Extractions & Restorations	7	3,235	4,397	10,765	5,145	2,006	1,180	621	456	218	28,030
187 Bronchitis & Asthma Age<50 W/O CC	1,553	11,655	7,928	1,932	1,048	909	441	0	0	0	25,466
274 Circ Dsr W/O AMI W Invas Card Inves Proc W/O CC	63	175	84	98	307	1,697	5,214	7,191	7,710	2,052	24,591
455 Medical Back Problems Age<75 W/O CC	9	78	276	1,478	4,446	6,182	5,188	3,470	2,998	24	24,149
727 Neonate,Adm Wt >2499g,W/O Signif O.R. Proc,W/O Problem	23,433	0	0	0	0	0	0	0	0	0	23,433
177 Chronic Obstructive Airways Disease	12	88	184	71	95	243	965	3,139	8,212	8,130	21,140
122 Tonsillectomy &/or Adenoidectomy	42	6,451	9,353	2,358	1,140	477	208	99	60	19	20,207
330 Other Gastroscopy for Major Digestive Disease W/O CC	16	27	119	706	1,696	2,565	3,604	3,833	4,640	2,955	20,162
252 Heart Failure & Shock	35	17	28	47	108	212	737	2,156	5,994	10,035	19,369
318 Anal & Stomal Procedures W/O CC	178	107	157	683	2,715	4,473	4,628	3,260	2,271	880	19,352
432 Hand or Wrist Procedures Exc Major Joint	43	369	785	4,436	3,527	2,682	2,331	2,142	2,097	831	19,243
943 Other Factors Influencing Health Status Age<80 W/O CC	1,098	781	540	1,360	2,780	2,306	2,348	2,741	3,250	1,281	18,485
885 Injuries Age<65	55	993	2,255	4,816	4,192	2,834	1,973	1,189	3	0	18,311
940 Intended Sameday Rehabilitation	6	5	12	1,026	1,891	2,002	2,754	3,288	4,316	2,928	18,228
941 Rehabilitation	0	5	52	646	871	905	1,320	2,078	4,774	7,439	18,090
261 Chest Pain	2	5	54	298	1,069	3,032	4,344	3,605	3,274	1,969	17,653
424 Local Excision & Removal Int Fix Devs Exc Hip & Femur	21	203	1,354	4,248	4,149	2,899	2,149	1,348	859	316	17,546
579 Urinary Stones W/O ESW Lithotripsy	22	31	86	515	2,013	3,513	4,346	3,308	2,169	879	16,883
841 Schizophrenia Disorders	0	1	17	4,199	5,657	3,646	1,902	641	563	104	16,730
473 Fx,Sprn,Strn&Disloc of Frarm,Hnd,Ft Age<75 W/O CC	8	1,098	8,428	3,023	1,468	965	684	383	235	2	16,294
843 Major Affective Disorders	0	0	65	1,443	2,677	3,200	2,854	1,788	1,930	1,961	15,918
124 Myringotomy W Tube Insertion	535	8,235	5,196	159	150	188	221	186	203	101	15,176
Other	60,584	73,291	78,695	101,577	123,082	138,247	160,344	180,686	251,305	222,325	1,390,182
Total	88,252	109,895	128,151	172,750	219,578	252,340	300,962	331,842	436,668	327,001	2,367,502

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

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

Table 8.16: Separations for females for the 30 AN-DRGs (v3.0) with the highest number of hospital separations, by age group, all hospitals, Australia, 1995–96

AN-DRG	<1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75+	Total(a)
572 Admit for Renal Dialysis	2	25	360	4,060	12,700	17,539	23,674	34,962	45,044	10,545	148,911
674 Vaginal Delivery W/O Complicating Diagnosis	0	0	70	36,864	89,620	16,918	59	3	0	0	143,534
332 Other Gastroscopy for Non-Major Digestive Disease W/O CC	215	485	912	4,596	8,542	13,547	17,640	16,026	14,982	9,321	86,266
780 Chemotherapy	45	1,356	1,557	1,369	3,403	9,977	19,570	19,032	17,351	4,658	78,318
335 Other Colonoscopy W/O CC	6	46	179	2,337	5,275	9,644	14,805	14,858	15,416	8,702	71,271
683 Abortion W D&C, Aspiration Curettage or Hysterotomy	0	0	164	23,768	30,194	13,007	318	4	0	0	67,463
659 Conisation, Vagina, Cervix & Vulva Procedures	6	114	249	8,313	14,626	12,253	8,465	3,484	2,029	932	50,472
099 Lens Procedures W/O Vitrectomy & W/O CC	13	30	48	57	103	353	1,262	4,070	15,631	27,727	49,297
660 Endoscopic Procedures, Female Reproductive System	2	0	100	5,921	18,436	14,576	2,609	422	173	39	42,280
128 Dental Extractions & Restorations	4	2,817	5,020	20,954	7,839	2,630	1,291	604	363	288	41,810
686 Other Antenatal W Moderate or No Complicating Diagnosis	0	0	57	15,392	21,855	4,311	31	0	0	0	41,647
661 Diagnostic Curettage &/or Diagnostic Hysteroscopy	1	2	21	1,426	4,782	9,237	12,766	4,814	2,386	948	36,383
656 Uterine, Adnexa Proc for Non-Malig	0	0	19	227	1,007	11,864	14,719	3,742	2,483	1,007	35,070
484 Other Skin, Subcutaneous Tissue & Breast Procedures	124	876	2,516	3,354	3,750	4,625	4,767	3,779	3,701	3,938	31,430
657 Uterine, Adnexa Proc for Non-Malig Age<40 W/O CC	4	5	168	4,784	13,888	10,097	0	0	0	0	28,946
843 Major Affective Disorders	3	2	63	2,538	4,580	6,439	5,386	2,575	3,050	2,580	27,216
670 Caesarean Delivery W/O Complicating Diagnosis	0	0	13	4,351	17,869	4,916	29	0	0	0	27,178
367 Cholecystectomy W/O C.D.E.	0	3	51	1,781	4,362	4,709	5,255	4,606	3,716	1,753	26,236
941 Rehabilitation	4	10	40	359	514	795	1,100	1,820	5,603	15,828	26,073
455 Medical Back Problems Age<75 W/O CC	8	41	312	1,295	3,381	5,684	5,991	3,756	4,341	16	24,825
421 Knee Procedures	3	5	455	3,446	3,649	4,032	4,093	3,406	2,874	1,253	23,219
675 Vaginal Delivery W Moderate Complicating Diagnosis	0	0	11	5,822	14,210	2,919	9	1	0	0	22,972
347 Abdominal Pain or Mesenteric Adenitis W/O CC	143	232	2,640	5,280	4,388	3,265	2,373	1,465	1,281	1,249	22,316
943 Other Factors Influencing Health Status Age<80 W/O CC	874	699	597	2,567	5,293	2,768	2,545	2,040	2,776	1,524	21,684
187 Bronchitis & Asthma Age<50 W/O CC	670	6,078	5,173	3,740	2,342	2,257	1,132	0	0	0	21,392
122 Tonsillectomy &/or Adenoidectomy	22	4,181	9,520	5,346	1,544	451	146	86	56	28	21,380
676 Vaginal Delivery W Severe Complicating Diagnosis	0	0	15	5,810	12,378	2,964	7	0	0	0	21,174
349 Oesophagitis, Gastroent & Misc Dig Dis Age 10-74 W/O CC	0	0	1,183	3,691	3,733	2,899	3,034	2,886	3,286	19	20,731
252 Heart Failure & Shock	22	24	25	21	71	139	391	1,218	4,172	13,842	19,925
685 Other Antenatal W Severe Complicating Diagnosis	0	0	6	5,333	11,100	3,013	31	0	0	0	19,483
Other	61,545	56,402	60,440	120,298	188,100	172,056	172,395	162,431	220,434	295,247	1,509,423
Total	63,716	73,433	91,984	305,100	513,534	369,884	325,893	292,090	371,148	401,444	2,808,325

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

Note: Main abbreviations: W—with, W/O—without, CC—complications and comorbidities, proc.—procedure, dsr—disorder.

9. Other data on admitted patients

Introduction

This chapter presents information based on a number of data items not reported in the earlier chapters—insurance status, compensable status, State or Territory of usual residence, type of episode of care and mode of separation.

Highlights

Insurance status

Insurance status indicates whether a patient has hospital insurance; that is, insurance providing benefits related to charges for hospital accommodation and services. Insurance for benefits for ancillary services only is excluded.

The *National Health Data Dictionary* specifies that the insurance status of the patient should be reported as *Hospital insurance* or *No hospital insurance*, however, some data providers also used a *Not reported* category. Coding for extra detail for private hospital patients with hospital insurance is also specified in the *Dictionary*. For these patients, information was to be collected on whether the insurance was from the basic table only, or included supplementary cover. Only one data provider supplied this information fully so it is not included in this report.

Insurance status must not be confused with whether the patient is admitted as a public, private or other type of patient. Individuals can elect to be admitted in public hospitals as public or private patients irrespective of their insurance status. Private patients without hospital insurance (and who are not compensable patients) are often referred to as self-insured (Commonwealth of Australia 1997).

Some States and Territories have noted that insurance status data were not collected accurately in all cases, but claim that the quality of these data are improving. The main outstanding issue is missing data for all South Australian hospitals and for over 30% of Tasmanian private hospital separations. Also, no data were available for separations from the Northern Territory private hospital. The separations for which the data were not supplied by Victoria were for its public psychiatric hospitals.

The supplied information indicates that 26% of patients separated in 1995–96 had hospital insurance, 63% did not, with the remainder unknown. Very few patients in public hospitals were reported as having insurance (around 10%—see Figure 9.1), while in private hospitals around 70% were reported as being insured (Figure 9.2). If these figures are correct, public hospitals were mainly treating the uninsured and private hospitals were mostly treating insured patients.

Compensable status

A compensable patient is defined as being any person who is entitled to the payment of, or who has been paid compensation, damages or other benefits (including a payment in

settlement of a claim for compensation, damages or other benefits) in respect of the injury, illness or disease for which he or she is receiving care and treatment.

Compensable status reflects the status of the patient at the time of separation. The *National Health Data Dictionary* specifies that the compensable status of the patient should be reported as *Compensable* or *Not compensable*, however, some data providers also used a *Not reported* category. South Australia was unable to supply compensable status data. The separations for which Victoria was unable to supply these data were for its public psychiatric hospitals.

Overall, around 2% of patients were compensable in 1995–96 (Table 9.1). In the public sector, 1% of patients fell into this category, while in the private sector 4% of patients were compensable.

State or Territory of usual residence

This data item is defined as the State or Territory of usual residence as stated by the patient. Finer detail on the area of usual residence is included in the *National Health Data Dictionary* for this data item, however, not all States and Territories supplied the more detailed data for 1995–96. In addition, Tasmania did not identify the State or Territory of residence for interstate patients.

Table 9.2 indicates how many patients in each State and Territory were interstate residents. Overall, 97% of patients resided in the State or Territory where they were treated. However, in the Australian Capital Territory, only about three-quarters of the patients treated were Australian Capital Territory residents, with the majority of the remainder coming from New South Wales. This is mainly because the Australian Capital Territory acts as a referral centre for the surrounding districts, which include parts of New South Wales.

Type of episode of care

An episode of care is a phase of treatment for an admitted patient. It may correspond to a patient's entire hospital stay, or the hospital stay may be divided into separate episodes of care. In the latter case, a statistical separation occurs after each episode, and a new separation record is generated. Thus separations in the Database for those States and Territories reporting episodes of care are actually for phases of treatment, not entire hospital stays. Definitions of each particular type of care are contained in the *National Health Data Dictionary*. The classifications under this data item are:

- acute care
- rehabilitation care
- palliative care
- non-acute care
- unqualified neonate
- other care.

Unqualified neonates (defined in the Glossary) are not included in the National Hospital Morbidity Database for 1995–96, so have not been included in Table 9.3. An extra level of coding is specified within the rehabilitation and palliative care groups. As only one State supplied this extra information, this detail was also not included. Tasmania and the Australian Capital Territory did not supply data for this item.

For the hospitals for which this data item was reported, 93% of separations were classified as episodes of *Acute care*, 2% as *Rehabilitation care* and 1% as *Non-acute care* (which includes nursing home type patients). There was some variation among the States and Territories for which data were supplied and between the public and private sectors (Table 9.3). For example, the proportion of public hospital separations that were for *Rehabilitation care* ranged from 0.6% in Western Australia to 2.6% in Queensland.

These data were collected as part of the national data collection in this form for the first time in 1995–96. There may be improvement in their quality in the future when the data item is fully implemented in this form in all States and Territories.

Mode of separation

The mode of separation records the status of the person (discharged, transferred, episode type change, died) at the time of separation and for some categories the place to which the person was discharged or transferred.

The majority of patients (over 90%) were included in the *Other* category, suggesting that most people go home after separation from hospital. This was particularly the case in the private sector, where 97% of separations were categorised as *Other*; in the public sector, this figure was 91%. The main difference was that more patients were transferred to other hospitals in the public sector than in the private sector. There were also greater proportions of separations in the public sector for statistical discharges, deaths and the *Left against medical advice/discharge at own risk* category.

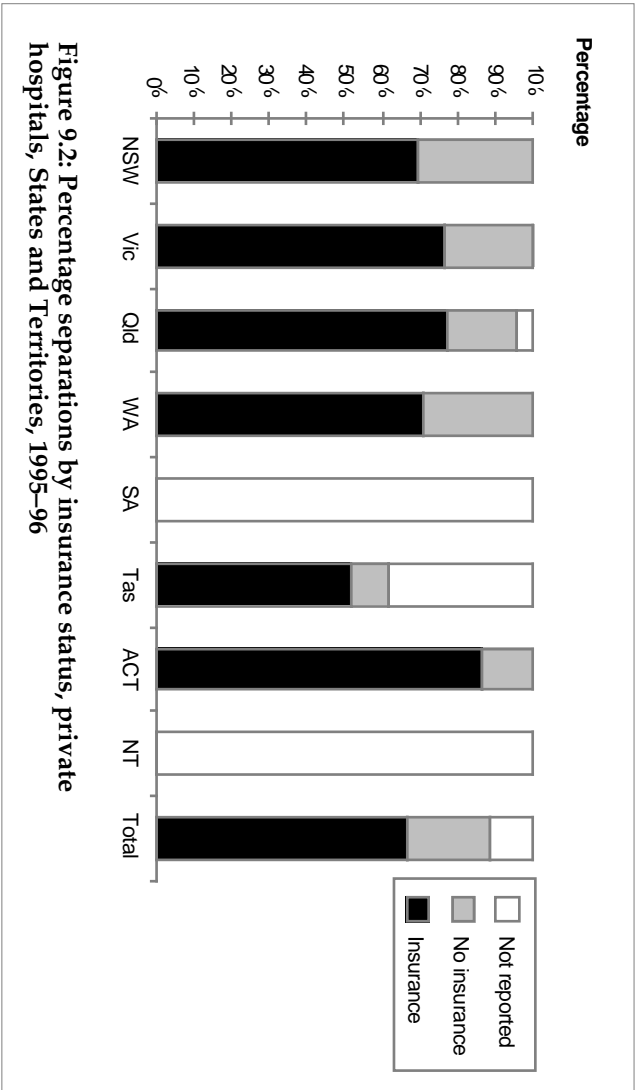
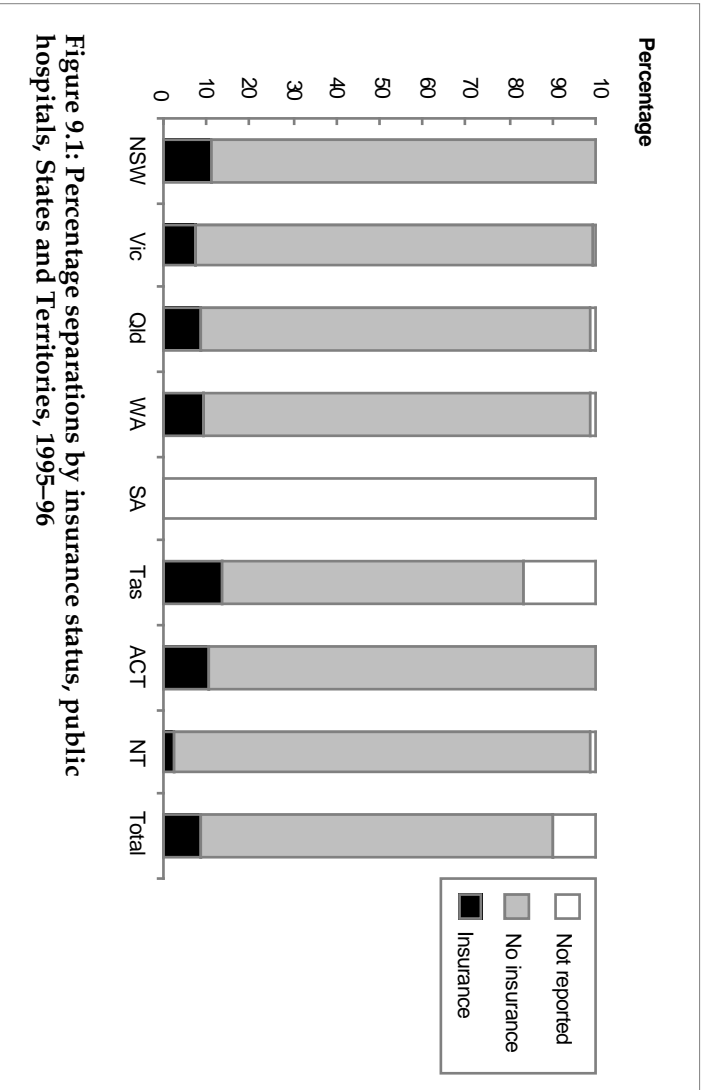


Table 9.1: Separations by compensable status and hospital sector, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Compensable status	Public hospitals								
Compensable	13,260	14,182	3,067	4,914	0	1,195	625	510	37,753
Non-compensable	1,242,866	852,689	628,921	327,832	323,884	71,245	56,203	45,469	3,549,109
Not reported	0	6,634	0	4,480	0	0	0	30	11,144
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006
	Private hospitals								
Compensable	18,078	19,556	9,488	5,045	0	2,615	586	n.a.	55,368
Non-compensable	467,162	403,795	340,418	108,924	138,823	50,203	13,238	n.a.	1,522,563
Not reported	0	0	0	0	0	0	0	n.a.	0
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

Table 9.2: Percentage(a) of separations by State or Territory of usual residence and hospital sector, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
State or Territory of usual residence	Public hospitals (per cent)								
New South Wales	98.2	1.2	1.4	0.1	0.5	n.a.	21.0	0.4	34.8
Victoria	0.5	98.0	0.3	0.1	0.6	n.a.	0.2	0.3	25.1
Queensland	0.5	0.1	97.7	0.1	0.1	n.a.	0.2	0.4	17.2
Western Australia	0.0	0.0	0.0	99.6	0.1	n.a.	0.1	1.7	9.3
South Australia	0.1	0.1	0.1	0.0	98.1	n.a.	0.1	3.5	8.8
Tasmania	0.0	0.1	0.0	0.0	0.0	99.2	0.0	0.0	2.0
Australian Capital Territory	0.2	0.0	0.0	0.0	0.0	n.a.	78.3	0.0	1.3
Northern Territory	0.0	0.0	0.1	0.1	0.4	n.a.	0.0	93.1	1.2
Other Territories(b)	0.4	0.0	0.0	0.0	0.0	n.a.	0.2	0.0	0.1
Not elsewhere classified(c)	0.0	0.0	0.4	0.0	0.1	n.a.	0.0	0.5	0.1
Unknown	0.0	0.4	0.0	0.0	0.0	0.8	0.0	0.0	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Private hospitals (per cent)								
New South Wales	98.1	0.6	3.0	0.0	0.6	n.a.	11.1	n.a.	31.1
Victoria	0.8	98.7	0.2	0.0	0.3	n.a.	0.1	n.a.	27.0
Queensland	0.4	0.1	87.6	0.1	0.1	n.a.	0.1	n.a.	19.5
Western Australia	0.0	0.0	0.0	99.7	0.0	n.a.	0.0	n.a.	7.2
South Australia	0.0	0.1	0.1	0.0	98.5	n.a.	0.0	n.a.	8.7
Tasmania	0.0	0.1	0.0	0.0	0.0	99.5	0.0	n.a.	3.4
Australian Capital Territory	0.2	0.0	0.0	0.0	0.0	n.a.	70.4	n.a.	0.7
Northern Territory	0.0	0.0	0.1	0.0	0.4	n.a.	0.0	n.a.	0.1
Other Territories(b)	0.3	0.0	0.0	0.1	0.0	n.a.	18.1	n.a.	0.2
Not elsewhere classified(c)	0.0	0.0	9.0	0.0	0.0	n.a.	0.0	n.a.	2.0
Unknown	0.0	0.4	0.0	0.0	0.0	0.5	0.2	n.a.	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	n.a.	100.0

(a) Percentages have been rounded to one decimal place. Column totals may therefore not all equal the sums of the rows as shown.

(b) Includes Cocos (Keeling) Islands, Christmas Island, Jervis Bay Territory.

(c) Includes resident overseas, at sea, no fixed address.

Table 9.3: Separations by type of episode of care and hospital sector, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT(a)	Total
Type of episode of care	Public hospitals								
Acute care	1,206,518	846,609	609,238	329,790	319,671	n.a.	n.a.	44,748	3,356,574
Rehabilitation care	24,763	19,323	16,559	1,886	2,330	n.a.	n.a.	325	65,186
Palliative care	7,960	2,232	1,248	173	768	n.a.	n.a.	49	12,430
Non-acute care	15,822	2,825	3,437	897	1,115	n.a.	n.a.	887	24,983
Other care	1,063	0	1,506	0	0	n.a.	n.a.	0	2,569
Not reported	0	2,516	0	4,480	0	72,440	56,828	0	136,264
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006
	Private hospitals								
Acute care	462,617	416,942	343,189	113,258	137,787	n.a.	n.a.	n.a.	1,473,793
Rehabilitation care	7,479	6,170	4,001	20	504	n.a.	n.a.	n.a.	18,174
Palliative care	822	54	488	640	363	n.a.	n.a.	n.a.	2,367
Non-acute care	14,066	185	838	51	169	n.a.	n.a.	n.a.	15,309
Other care	256	0	1,390	0	0	n.a.	n.a.	n.a.	1,646
Not reported	0	0	0	0	0	52,818	13,824	n.a.	66,642
Total	485,240	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,931

(a) For the Northern Territory *Acute care* includes *Other care*, and psychiatric care has been included in *Non-acute care*.

Table 9.4: Separations by mode of separation and hospital sector, States and Territories, 1995–96

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Mode of separation	Public hospitals								
Discharge/transfer to an(other) acute hospital	59,061	37,961	23,250	12,197	14,649	1,603	1,509	1,421	151,651
Discharge/transfer to a nursing home	14,119	7,140	5,633	2,031	6,235	754	500	135	36,547
Discharge/transfer to an(other) psychiatric hospital	1,879	0	420	470	0	0	2	0	2,771
Discharge/transfer to other health care accomodation(a)	2,289	98	2,183	501	1,383	688	137	1,852	9,131
Statistical discharge—type change	13,181	6,739	8,142	209	2,654	63	1	27	31,016
Left against medical advice/discharge at own risk	10,112	2,650	4,246	2,960	1,857	219	157	1,087	23,288
Statistical discharge from leave	3,307	0	220	741	239	0	123	0	4,630
Died	21,851	13,522	8,269	3,679	4,583	1,474	615	314	54,307
Other(b)	1,130,327	798,366	579,625	309,797	292,284	67,639	53,784	41,168	3,272,990
Not reported	0	7,029	0	4,641	0	0	0	5	11,675
Total	1,256,126	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,006
	Private hospitals								
Discharge/transfer to an(other) acute hospital	6,924	9,369	4,349	1,123	4,313	532	298	n.a.	26,908
Discharge/transfer to a nursing home	1,226	1,533	1,317	219	2,023	39	24	n.a.	6,381
Discharge/transfer to an(other) psychiatric hospital	109	0	6	34	0	0	0	n.a.	149
Discharge/transfer to other health care accomodation(a)	298	1	514	17	92	13	6	n.a.	941
Statistical discharge—type change	641	467	1,193	26	114	45	0	n.a.	2,486
Left against medical advice/discharge at own risk	1,225	114	260	63	127	174	0	n.a.	1,963
Statistical discharge from leave	168	0	435	40	4,334	0	0	n.a.	4,977
Died	1,860	3,597	3,263	1,089	1,161	325	50	n.a.	11,345
Other(b)	472,789	408,261	338,569	111,326	126,657	51,690	13,446	n.a.	1,522,738
Not reported	0	9	0	32	2	0	0	n.a.	43
Total	476,981	412,449	344,234	112,593	132,487	52,247	13,502	n.a.	1,577,931

(a) Includes mothercraft hospitals and hostels recognised by the Commonwealth Department of Health and Family Services, unless this is the usual place of residence.

(b) Includes discharge to usual residence/own accomodation/welfare institution (including prisons, hostels and group homes providing primarily welfare services).

ERRATA for *Australian Hospital Statistics 1995–96*

Table 2.3: Recurrent expenditure (\$'000) and average admitted patient cost proportion, public acute and psychiatric hospitals, States and Territories, 1995–96 (page 9)

	NSW	Vic ^(a)	Qld	WA	SA	Tas	ACT	NT	Total
Total salary and wages expenditure	3,043,844	1,758,485	1,228,039	676,951	582,691	193,309	128,983	91,937	7,704,239
Total non-salary expenditure	1,641,128	941,783	623,095	355,897	367,721	98,650	88,655	43,192	4,160,121
Total expenditure	4,684,972	2,700,268	1,851,134	1,032,848	950,412	291,959	217,638	135,129	11,864,360

(a) For Victoria, the reported expenditure does not include \$28,825 million in salaries and wages for stand-alone psychiatric hospitals.

Table 2.8: Non-admitted patient occasions of service, by service type, public acute and psychiatric hospitals, States and Territories, 1995–96 (page 14)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Total services	15,011,473	7,425,601	5,949,326	2,730,661	2,224,146	510,821	386,435	305,412	34,543,875

Table 4.5: Separations by reported Indigenous status and hospital sector, States and Territories, 1995–96 (page 33)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Indigenous status									
	Public hospitals								
Aboriginal or Torres Strait Islander	25,340	5,400	34,816	26,957	9,465	270	317	25,257	127,822
Other	1,230,782	868,102	574,754	310,269	314,419	72,170	56,511	20,752	3,447,759
Not reported	0	3	22,418	0	0	0	0	0	22,421
<i>Total</i>	<i>1,256,122</i>	<i>873,505</i>	<i>631,988</i>	<i>337,226</i>	<i>323,884</i>	<i>72,440</i>	<i>56,828</i>	<i>46,009</i>	<i>3,598,002</i>
	Private hospitals								
Aboriginal or Torres Strait Islander	1,710	559	183	178	233	16	9	n.a.	2,888
Other	483,073	422,780	191,319	113,791	138,590	32,365	13,815	n.a.	1,395,733
Not reported	0	12	158,404	0	0	20,437	0	n.a.	178,853
<i>Total</i>	<i>484,783</i>	<i>423,351</i>	<i>349,906</i>	<i>113,969</i>	<i>138,823</i>	<i>52,818</i>	<i>13,824</i>	<i>n.a.</i>	<i>1,577,474</i>
	All hospitals^(a)								
Aboriginal or Torres Strait Islander	27,050	5,959	34,999	27,135	9,698	286	326	25,257	130,710
Other	1,713,855	1,290,882	766,073	424,060	453,009	104,535	70,326	20,752	4,843,492
Not reported	0	15	180,822	0	0	20,437	0	0	201,274
Total	1,740,905	1,296,856	981,894	451,195	462,707	125,258	70,652	46,009	5,175,476
Separations for Aboriginal or Torres Strait Islanders per 1,000 Aboriginal or Torres Strait Islander population ^(b)	331	299	428	554	509	27	166	530	419

(a) Public hospitals only in the Northern Territory. (b) Source for Indigenous population: ABS Cat. No. 3231.0.

Table 9.3: Separations by type of episode of care and hospital sector, States and Territories, 1995–96 (page 142)

Type of episode of care	NSW	Vic	Qld	WA	SA	Tas	ACT	NT ^(a)	Total
	Public hospitals								
Acute care	1,206,518	846,609	609,238	329,790	319,671	n.a.	n.a.	44,748	3,356,574
Rehabilitation care	24,763	19,323	16,559	1,886	2,330	n.a.	n.a.	325	65,186
Palliative care	7,956	2,232	1,248	173	768	n.a.	n.a.	49	12,426
Non-acute care	15,822	2,825	3,437	897	1,115	n.a.	n.a.	887	24,983
Unqualified neonate	0	0	0	0	0	n.a.	n.a.	0	0
Other care	1,063	0	1,506	0	0	n.a.	n.a.	0	2,569
Not reported	0	2,516	0	4,480	0	72,440	56,828	0	136,264
Total	1,256,122	873,505	631,988	337,226	323,884	72,440	56,828	46,009	3,598,002
Private hospitals									
Acute care	462,617	416,942	343,189	113,258	137,787	n.a.	n.a.	n.a.	1,473,793
Rehabilitation care	7,479	6,170	4,001	20	504	n.a.	n.a.	n.a.	18,174
Palliative care	365	54	488	640	363	n.a.	n.a.	n.a.	1,910
Non-acute care	14,066	185	838	51	169	n.a.	n.a.	n.a.	15,309
Unqualified neonate	0	0	0	0	0	n.a.	n.a.	n.a.	0
Other care	256	0	1,390	0	0	n.a.	n.a.	n.a.	1,646
Not reported	0	0	0	0	0	52,818	13,824	n.a.	66,642
Total	484,783	423,351	349,906	113,969	138,823	52,818	13,824	n.a.	1,577,474

(a) For the Northern Territory *Acute care* includes *Other care*, and psychiatric care has been included in *Non-acute care*.

Tables 4.5 and 9.3 from the National Hospital Morbidity Database have been corrected to reflect updated data for Indigenous status for some separations for Queensland private hospitals and the removal from the National Hospital Morbidity Database of 461 separations for New South Wales that were previously reported as for palliative care. The removal of the New South Wales records has reduced the total number of separations reported for 1995–96 for both public and private hospitals for both New South Wales and Australia.

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Glossary

For further information on the terms used in this report, refer to the definitions in use in 1995–96 in the *National Health Data Dictionary* Version 5.0.

<i>Acute</i>	Having a short and relatively severe course.
<i>Acute hospitals</i>	Public, Department of Veterans' Affairs (repatriation) and private hospitals which provide services predominantly to admitted patients with acute or temporary ailments; the average length of stay per admission is relatively short.
<i>Additional diagnoses</i>	Diagnoses or conditions that affect a person's care in terms of requiring therapeutic treatment, clinical evaluation, diagnostic procedures, extended length of hospital stay or increased nursing care and/or monitoring. Additional diagnoses include combined conditions (co-existing conditions) and/or complications (conditions that arose during the episode of care).
<i>Administrative and clerical staff</i>	Staff engaged in administrative and clerical duties. Civil engineers and computing staff are included in this category. Medical staff and nursing staff, diagnostic and health professionals and any domestic staff primarily or partly engaged in administrative and clerical duties are excluded.
<i>Administrative expenditure</i>	All expenditure incurred by establishments (but not central administrations) of a management expenses/administrative support nature such as any rates and taxes, printing, telephone, stationery and insurance expenses (including workers' compensation).
<i>Admitted patient</i>	A patient who undergoes a hospital's formal admission process.
<i>Admitted patient cost proportion</i>	The ratio of admitted patient costs to total hospital costs, also known as the inpatient fraction or IFRAC.
<i>Australian National Diagnosis Related Groups (AN-DRGs)</i>	An Australian system of Diagnosis Related Groups (DRGs). DRGs are a means of classifying hospital patients to provide a common basis for comparing factors such as cost effectiveness and quality of care across hospitals. Each AN-DRG represents a class of patients with similar clinical conditions requiring similar hospital services.
<i>Available beds</i>	Beds immediately available for use by admitted patients as required.
<i>Average length of stay</i>	The average of the length of stay for admitted patient episodes.

<i>Boarder</i>	A person who is receiving food and/or accommodation but for whom the hospital does not accept responsibility for treatment and/or care. A boarder is not admitted to the hospital, although a hospital may register a boarder. This excludes all babies born in hospital.
<i>Charging status</i>	The source of payment for the hospital services provided. Hospital services are not chargeable for public patients in public hospitals.
<i>Compensable patients</i>	Those patients entitled to, or who have been paid, compensation, damages, or other benefits (including a payment in settlement of a claim for compensation, damages or other benefits) in respect of the injury, illness or disease for which they have received care or treatment. More information is contained in the <i>National Health Data Dictionary</i> (Item P18).
<i>Department of Veterans' Affairs hospitals</i>	Acute care hospitals operated by the Commonwealth Department of Veterans' Affairs to provide hospital treatment for eligible veterans and their dependants at Commonwealth expense. Department of Veterans' Affairs hospitals are recorded as public sector hospitals for data reporting purposes.
<i>Department of Veterans' Affairs patient</i>	An eligible patient whose charges are met by the Department of Veterans' Affairs.
<i>Diagnostic and health professionals</i>	Qualified staff (other than qualified medical and nursing staff) engaged in duties of a diagnostic, professional or technical nature (but also including diagnostic and health professionals whose duties are primarily or partly of an administrative nature). This category includes all allied health professionals and laboratory technicians but excludes civil engineers and computing staff.
<i>Domestic and other staff</i>	Staff engaged in the provision of food and cleaning services. They include domestic staff, such as food services managers, primarily engaged in administrative duties. This category also includes all staff not elsewhere included (primarily maintenance staff, tradespersons and gardening staff).
<i>Domestic services expenditure</i>	The costs of all domestic services including electricity, other fuel and power, domestic services for staff, accommodation and kitchen expenses but not including salaries and wages, food costs or equipment replacement and repair costs.
<i>Drug supplies expenditure</i>	The cost of all drugs including the cost of containers.
<i>Enrolled nurses</i>	Second-level nurses who are enrolled in all States except Victoria where they are registered by the State registration board to practise in this capacity. Includes general enrolled nurses and specialist enrolled nurses (for example, mothercraft nurses in some States).
<i>External cause</i>	Environmental event, circumstance and/or condition as the cause of injury, poisoning and/or other adverse effect.

<i>Food supplies expenditure</i>	The cost of all food and beverages but not including kitchen expenses such as utensils, cleaning materials, cutlery and crockery.
<i>Full time equivalent staff</i>	Total full time equivalent units are on-job hours worked, hours of paid leave (sick, recreation, long service, workers' compensation) by /for a staff member (or contract employee where applicable) divided by the number of hours normally worked by a full time staff member when on the job (or contract employee where applicable) under the relevant award or agreement.
<i>Indigenous status</i>	Indigenous status of the person according to the following definition: An Aboriginal or Torres Strait Islander is a person of Aboriginal or Torres Strait Islander descent who identifies as an Aboriginal or Torres Strait Islander and is accepted as such by the community with which he or she is associated. Note that in the <i>National Health Data Dictionary</i> Version 5 this data item was titled <i>Aboriginality</i> .
<i>Ineligible patient</i>	A patient who is not eligible under Medicare.
<i>Insured patients</i>	Those patients who have hospital insurance in the categories of registered insurance (hospital insurance with a health insurance fund registered under the <i>National Health Act 1953</i> (Commonwealth)), general insurance (hospital insurance with a general insurance company under a guaranteed renewable policy providing benefits similar to those available under registered insurance) or, until 30 September 1995, employer health plans (hospital benefits payable under employer/employee funded plans similar to those available under registered insurance). Patients covered by insurance for benefits of ancillary services only are excluded.
<i>Interest payments</i>	Payments made by or on behalf of the establishment in respect of borrowings (for example, interest on bank overdraft) provided the establishment is permitted to borrow.
<i>Length of stay</i>	The length of stay of a patient is calculated by subtracting the date the patient is admitted from the date of separation. All leave days, including the day the patient went on leave, are excluded. A same day patient is allocated a length of stay of one day.
<i>Major Diagnostic Categories (MDCs)</i>	A high level of groupings of patients used in the AN-DRG classification.
<i>Medical and surgical supplies expenditure</i>	The cost of all consumables of a medical or surgical nature (excluding drug supplies) but not including expenditure on equipment repairs.
<i>Non-admitted patient occasion of service</i>	Occurs when a patient attends a functional unit of the hospital for the purpose of receiving some form of service, but is not admitted. A visit for administrative purposes is not an occasion of service.
<i>Non-admitted patients</i>	Patients who receive care from a recognised non-admitted patient service/clinic of a hospital.

<i>Other personal care staff</i>	This category includes attendants, assistants or home assistants, home companions, family aides, ward helpers, wardsmen, orderlies, ward assistants and nursing assistants engaged primarily in the provision of personal care to patients or residents, who are not formally qualified or undergoing training in nursing or allied health professions.
<i>Other recurrent expenditure</i>	Recurrent expenditure not included elsewhere in any of the recurrent expenditure categories.
<i>Other revenue</i>	All other revenue received by the establishment that is not included under patient revenue or recoveries (but not including revenue payments received from State or Territory governments). This would include revenue such as investment income from temporarily surplus funds and income from charities, bequests and accommodation provided to visitors.
<i>Patient days</i>	The number of full or partial days of stay for patients who were admitted for an episode of care and who underwent separation during the reporting period. A patient who is admitted and separated on the same day is allocated one patient day.
<i>Patient revenue</i>	Revenue received by, and due to, an establishment in respect of individual patient liability for accommodation and other establishment charges.
<i>Patient transport</i>	The direct cost of transporting patients excluding salaries and wages of transport staff.
<i>Payments to visiting medical officers</i>	All payments made to visiting medical officers for medical services provided to hospital (public patients) on a sessionally paid or fee-for-service basis.
<i>Place of occurrence of external cause</i>	The place where the external cause of injury, poisoning or violence occurred.
<i>Principal diagnosis</i>	The diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in hospital.
<i>Principal procedure</i>	The most significant procedure that was performed for treatment of the principal diagnosis.
<i>Private hospital</i>	Privately owned and operated institution, catering for patients who are treated by a doctor of their own choice. Patients are charged fees for accommodation and other services provided by the hospital and relevant medical and paramedical practitioners. Acute and psychiatric hospitals are included.
<i>Private patients</i>	Eligible persons who, on admission, elect to be treated by the medical practitioner of their own choice and who are charged fees for accommodation and other services provided by the hospital and relevant medical practitioners, or elect to be accommodated in a single room in a public hospital.

<i>Psychiatric hospitals</i>	Institutions which provide treatment and care for patients with psychiatric, mental or behavioural disorders.
<i>Public (hospital) patients</i>	Eligible persons who, on admission to a public hospital, elect to be public patients and who are not charged for the care and treatment provided by the hospital.
<i>Public acute hospitals</i>	Establishments controlled by State and Territory health authorities which provide acute care. They provide free shared-ward accommodation and treatment by a hospital-appointed doctor. In addition they provide, to those who choose to be private patients, private ward accommodation and/or doctor of choice.
<i>Recoveries</i>	All revenue received that is in the nature of a recovery of expenditure incurred. This would include: <ul style="list-style-type: none"> • income received from the use of hospital facilities by salaried medical officers exercising their rights of private practice and by private practitioners treating private patients in hospital; and • other recoveries such as those relating to inter-hospital services where the revenue relates to a range of different costs and cannot be clearly offset against any particular cost.
<i>Recurrent expenditure</i>	Expenditure which recurs continually or frequently (for example, salaries). It may be contrasted with capital expenditure, such as the cost of hospital buildings and diagnostic equipment, for which expenditure is made infrequently.
<i>Registered nurses</i>	Nurses with at least a three-year training certificate and nurses holding post-graduate qualifications. Registered nurses must be registered with a State or Territory registration board.
<i>Repairs and maintenance expenditure</i>	The costs incurred in maintaining, repairing, replacing and providing additional equipment, maintaining and renovating building and minor additional works.
<i>Salaried medical officers</i>	Medical officers engaged by the hospital on a full time or part time salaried basis.
<i>Same day patients</i>	Same day patients are admitted patients who are admitted and separated on the same date.
<i>Separation</i>	The formal process by which a hospital records the completion of treatment and/or care for an admitted patient. This occurs when an admitted patient is discharged from hospital, transfers to another institution, dies or has a change in type of episode of care.
<i>Specialised service</i>	A facility or unit dedicated to the treatment or care of patients with particular conditions or characteristics. For details see item E4 in the <i>National Health Data Dictionary</i> .

<i>Student nurses</i>	Nurses employed by the establishment currently studying in years one to three of a three-year certificate course. This includes any person commencing or undertaking a three-year course of training leading to registration as a nurse by the State or Territory registration board. This includes full-time general student nurses and specialist student nurses, such as mental deficiency nurses, but excludes practising nurses enrolled in post-basic training courses.
<i>Superannuation payments</i>	Contributions paid or (for an emerging cost scheme) that should be paid (as determined by an actuary) on behalf of establishment employees either by the establishment or a central administration such as a State health authority, to a superannuation fund providing retirement and related benefits to establishment employees.
<i>Trainee/pupil nurses</i>	Nurses that are commencing or undertaking a one year course of training leading to registration as an enrolled nurse on the State/Territory registration board (includes all trainee nurses).
<i>Type of admitted patient episode (chapter 2)</i>	A classification of admitted patient episodes into broad groups based on principal diagnosis, principal procedure or status as a nursing home type or rehabilitation patient. See Item A8 in the <i>National Health Data Dictionary</i> for further details.
<i>Type of episode of care (chapter 9)</i>	A phase of treatment for an admitted patient, categorised as acute care, rehabilitation care, palliative care, non-acute care, unqualified neonate or other. The total hospital stay of the patient may be made up of one or more episodes of care.
<i>Type of non-admitted patient occasion of service</i>	A broad classification of services provided to non-admitted patients. See Item A9 in the <i>National Health Data Dictionary</i> for further details.
<i>Unqualified neonate</i>	A baby who is aged 9 days old or less that meets one of the following criteria: <ul style="list-style-type: none"> • is a single live birth or the first live born infant of a multiple birth, whose mother is currently an admitted patient; • is not admitted to an intensive care facility in a hospital, being a facility approved by the Commonwealth Minister for the purpose of the provision of special care.
<i>Visiting medical officer</i>	A medical practitioner appointed by the hospital board to provide medical services for hospital (public) patients on an honorary, sessionally paid, or fee-for-service basis.