

10 Procedures for admitted patients

Introduction

The *National health data dictionary, version 13* (HDSC 2006) defines a procedure as a clinical intervention that is surgical in nature, carries a procedural risk, carries an anaesthetic risk, requires specialised training, and/or requires special facilities or equipment available only in an acute care setting. Procedures therefore encompass surgical procedures and non-surgical investigative and therapeutic procedures such as X-rays and chemotherapy. Client support interventions that are neither investigative nor therapeutic (such as anaesthesia) are also included.

Procedures for 2007–08 were classified, coded and reported to the National Hospital Morbidity Database by all states and territories, using the fifth edition of the *Australian classification of health interventions* (ACHI) (NCCH 2006). Information about the quality of the ACHI coded data is presented in *Appendix 1*.

One or more procedures can be reported for each separation, but procedures are not undertaken for all hospital admissions, so only some of the separation records include procedure data.

There are two types of data on procedures presented in this chapter:

- Data on the separations for which one or more procedures were reported within the group of procedures (an ACHI procedure block or chapter) being considered. A separation is counted only once for each group of procedures, regardless of the number of procedures reported within the group. Because more than one procedure can be reported for each separation, the counts for these data are not additive, so totals in the tables will not usually equal the sum of counts in the rows. These counts are of separations, rather than of procedures.
- Data on the total number of procedures reported. For these data, all procedures within a group of procedures being considered are counted, even if there is more than one reported for a separation.

The procedure classification is divided into chapters by anatomical site and within each chapter by a 'superior' to 'inferior' (head to toe) approach. These subchapters are further divided into more specific procedure blocks, beginning with the least invasive procedure through to the most invasive. The blocks, which are numbered sequentially, group the very specific procedure codes. The tables and figures in this chapter use blocks and abbreviated descriptions. Full descriptions of the categories are available in the ACHI publication (NCCH 2006).

Most of the information is presented using two methods of grouping procedures based on the ACHI procedure classification:

- ACHI procedure chapters – these 20 groups provide information aggregated at the ACHI chapter level (tables 10.1 to 10.4, 10.7, 10.8 and 10.20)
- ACHI procedure blocks – these 1,598 categories describe procedures at a specific level. Detailed information is presented for the 30 groups with the highest number of separations (tables 10.9 to 10.19) and summary information is provided for all the groups

(for which separations were reported) on the Internet at <www.aihw.gov.au> (tables S10.1 and S10.2).

In addition, tables 10.5 and 10.6 present time series information on separations for selected procedures.

Tables are presented with summary separation, patient day and average length of stay statistics for public and private hospitals and for public patients, nationally and by state and territory. National information on age group and sex distributions is presented in tables 10.18 and 10.19. The 30 ACHI procedure blocks with the highest number of separations are also presented. Information on 'public' patients in tables 10.1 to 10.2 and tables 10.9 to 10.13 relates to separations for which the patient election status was reported as public (see *Chapter 7*).

Information on procedure statistics by Indigenous status is presented in Table 10.20 and Figure 10.2, and is restricted to include data from New South Wales, Victoria, Queensland, Western Australia, South Australia and public hospitals in the Northern Territory only. See *Chapter 8* and *Appendix 1* for more information on the quality of Indigenous status data.

Overall in 2007–08, there were approximately 6.5 million separations for which a procedure was reported; 82.6% of total separations. Almost 21.6 million patient days were reported for separations with a procedure, accounting for 84.1% of total patient days (see tables 10.1 and 10.2).

Procedures and other data elements reported for separations

The information on procedures reported in this chapter is compiled in the National Hospital Morbidity Database with a range of other data. Figure 10.1 demonstrates this using the example of procedure block 1620 *Excision of lesion of skin and subcutaneous tissue* and other data elements in the National Hospital Morbidity Database.

For 2007–08:

- there were almost 158,000 separations for which this procedure was reported, with an average length of stay of 1.6 days
- about 35.1% of these separations were admitted to public hospitals
- most (99.1%) separations with this procedure had a separation mode of *Other*, suggesting that these patients went home after separation from the hospital
- the principal diagnosis mostly associated with this procedure was *Other malignant neoplasms of skin (C44)* with almost 73,500 separations, and the most common additional diagnosis was *Personal history of certain other diseases (Z86)*
- the most common remoteness area associated with these separations was *Major cities* with almost 106,000 separations
- the most commonly reported AR-DRG was *Other skin, subcutaneous tissue and breast procedures (J11Z)* with about 78,500 separations
- there were more separations for males than females, with males accounting for 53.2% of separations
- separations for patients aged 55 years and over accounted for 66.1% of the total.

ACHI chapters

Tables 10.1 to 10.4 provide separation and procedure statistics reported for each of the ACHI procedure chapters. Tables 10.1 and 10.2 present statistics by hospital sector, and tables 10.3 and 10.4 present separations reported for each ACHI procedure chapter by sector, states and territories. If a separation had two procedures reported from within the same chapter, it was counted only once.

Sector

Public hospitals accounted for 55.1% of the separations for which a procedure was reported, although they accounted for 60.3% of the separations overall (tables 10.1 and 10.2). Although 69.6% of overall patient days were in public hospitals, 67.0% of patient days associated with procedures were in public hospitals. In public hospitals, 75.5% of total separations involved a procedure (3.6 million) and these separations were associated with 81.1% of total patient days (Table 10.1). In contrast, 93.4% of total separations in private hospitals involved a procedure (2.9 million) and these separations were associated with 91.1% of total patient days (Table 10.2). About 85.0% of separations with a procedure in public hospitals were for public patients, in contrast to 2.4% in private hospitals.

The private sector reported a higher proportion of separations for same-day procedures than the public sector. About 53.9% (1.9 million) of separations for which a procedure was reported were same-day in public hospitals, compared with 68.0% (2.0 million) in private hospitals (tables 10.1 and 10.2).

The highest numbers of separations in both the public and private sectors were for *Non-invasive, cognitive and other interventions, not elsewhere classified* (Blocks 1820–1922) (tables 10.1 and 10.2). This chapter also accounted for the highest numbers of patient days in the public sector and the private sector.

In public hospitals, after *Non-invasive, cognitive and other interventions, not elsewhere classified* (Blocks 1820–1922) (2.3 million), the chapter that accounted for the largest number of separations was *Procedures on urinary system* (Blocks 1040–1129), which includes *Haemodialysis*. There were about 952,000 separations for which procedures in this chapter were reported, accounting for about 1.5 million patient days. This group of procedures also accounted for a large number of same-day separations (879,000) and public patient separations (836,000). Other chapters that accounted for a large number of separations in public hospitals were *Imaging services* (Blocks 1940–2016) with almost 491,500 separations and *Procedures on digestive system* (Blocks 850–1011) with almost 400,000 separations.

Within the private sector, *Non-invasive, cognitive and other interventions, not elsewhere classified* (Blocks 1820–1922) were reported for about 2.4 million separations. *Procedures on digestive system* (Blocks 850–1011), which includes colonoscopy, accounted for the next highest number of separations (673,000) with about 1.1 million patient days. This group of procedures also accounted for a large number of same-day separations (531,000). Other chapters that accounted for a large number of separations in private hospitals were *Procedures on musculoskeletal system* (Blocks 1360–1579) with nearly 286,000 separations and *Procedures on urinary system* (Blocks 1040–1129) with about 280,000 separations.

States and territories

Tables 10.3 and 10.4 show hospital separations in the states and territories by procedure chapter, in both the public and private sectors. These tables enable state-by-state comparisons of separations for the different procedure chapters and the share of separations between the private and public sectors. For example, the proportion of total separations for *Procedures on cardiovascular system* (Blocks 600–767) was higher in public hospitals in New South Wales and South Australia (60.1% and 60.0% of combined public and private separations for this procedure chapter, respectively) than in Queensland (46.6%). The proportion of total separations for *Procedures on nose, mouth and pharynx* (Blocks 370–422) was higher in private hospitals in New South Wales and Western Australia (62.9% and 60.5% of combined public and private separations for this procedure chapter, respectively) than in Victoria (46.7%).

Selected procedures, 2003–04 to 2007–08

Tables 10.5 and 10.6 present the number of separations for selected procedures from 2003–04 to 2007–08 and the change in separations over this period, by hospital sector and patient election status. The selected procedures have been identified as performance indicators relating to appropriateness and may also be indicators of accessibility. The ACHI codes used to define the procedures are listed in *Appendix 1*. More information and statistics on the selected procedures and other hospital performance indicators can be found in *Chapter 4*.

Changes in separations reported for each of the selected procedures between 2003–04 and 2007–08 varied between the hospital sectors. For example, the number of public sector separations for *Myringotomy* decreased by 10.8% (1,500 separations) between 2003–04 and 2007–08, compared with an increase of 10.8% (1,900 separations) in the private sector over the same period (Table 10.5). Overall, the reported number of separations increased for 7 of the 12 selected procedures in the private sector and 8 of the 12 selected procedures in the public sector between 2003–04 and 2007–08. For one procedure, *Revision of hip replacement*, there was virtually no change in the reported number of separations between 2003–04 and 2007–08. Decreases in the number of separations over the 5-year period were reported for both sectors for *Coronary artery bypass graft* and *Hysterectomy, aged 15–69*.

Table 10.6 presents the number of separations and change in separations for selected procedures from 2003–04 to 2007–08, by patient election status, for all hospitals. The overall changes by selected procedure in Table 10.6 are slightly different from those presented in Table 10.5, partly owing to a small proportion of separations whose patient election status was not reported (less than 5% of all separations in each year).

Over the period 2003–04 to 2007–08, changes in separations for the selected procedures varied between public and private patients. These variations were similar to those identified between hospital sectors. Overall, the reported number of separations increased for 8 of the 12 selected procedures for both public and private patients between 2003–04 and 2007–08. For *Revision of hip replacement*, most of the very small increase noted in public sector separations (47 or 3.3%) was due to a small increase in private patients (39 separations). For one procedure, *Coronary angioplasty*, there was a notable difference between private and public patients, with private patient separations increasing by less than 0.2% between 2003–04 and 2007–08 and public patient separations increasing by 24.5% (3,100 separations) over the same period.

Total procedures

Tables 10.7 and 10.8 provide counts of all the procedures reported for 2007–08, by state and territory for the public and private sectors. The totals are the total number of procedures, rather than the total number of separations for which a procedure was reported, as presented elsewhere in this chapter. In all, around 15.9 million procedures were reported, about 8.5 million in the public sector and nearly 7.4 million in the private sector. The most commonly reported procedure chapter in both public and private hospitals was *Non-invasive, cognitive and other interventions, not elsewhere classified* (Blocks 1820–1922) (7.4 million procedures in total) (tables 10.7 and 10.8). A block which accounted for many of these procedures was *Cerebral anaesthesia* (Block 1910) with about 3.0 million procedures, 41.1% of the chapter overall (tables 10.9 to 10.12). The next most common procedure chapters for both sectors combined were *Procedures on digestive system* (Blocks 850–1011) (1.5 million) and *Procedures on urinary system* (Blocks 1040–1129) (1.3 million).

After *Non-invasive, cognitive and other interventions, not elsewhere classified* (Blocks 1820–1922), the most commonly reported procedure chapter in public hospitals was *Procedures on urinary system* (Blocks 1040–1129) with about 993,000 procedures. In private hospitals, it was *Procedures on digestive system* (Blocks 850–1011) with about 906,000 procedures.

High-volume procedures

Tables 10.9 to 10.19 present information on the most common procedures (at the block level of theACHI classification).

Sector

Tables 10.9 and 10.10 contain summary separation, patient day and average length of stay statistics for the 30 blocks with the highest number of overnight separations in public and private hospitals, respectively. Tables 10.11 and 10.12 contain summary separation statistics for same-day separations. Table 10.13 contains summary separation, patient day and average length of stay statistics for the procedure blocks with the most separations in private free-standing day hospitals only.

In the public sector, the most common procedure blocks for overnight separations were *Generalised allied health interventions* (Block 1916, 906,000 separations) and *Cerebral anaesthesia* (Block 1910, 605,000 separations) (Table 10.9). The average length of stay for separations reporting each of these procedure blocks was 11.1 and 6.3 days, respectively. Both these procedure blocks also accounted for the highest number of patient days for separations with procedures, with around 10.0 million patient days for *Generalised allied health interventions* (Block 1916) and 3.8 million patient days for *Cerebral anaesthesia* (Block 1910). *Haemodialysis* (Block 1060) was the most frequently reported procedure for same-day separations in the public sector (818,000 separations), followed by *Cerebral anaesthesia* (Block 1910, 569,000 separations) (Table 10.11).

Cerebral anaesthesia (Block 1910) was the most frequently reported procedure for overnight separations in private hospitals (567,000 separations) (Table 10.10), and also the most frequently reported procedure for same-day separations in private hospitals (1.2 million separations) (Table 10.12).

Cerebral anaesthesia (Block 1910) was also the most frequently reported procedure group in private free-standing day hospitals (366,000 separations), followed by *Haemodialysis* (Block 1060, 90,400 separations) and *Fibreoptic colonoscopy* (Block 905, 81,300 separations) (Table 10.13). Compared to 2006–07 (AIHW 2008a), the number of separations in 2007–08 reported in private free-standing day hospitals for *Haemodialysis* (Block 1060) almost doubled: about 52,400 separations in 2006–07 compared with around 90,400 separations in 2007–08 (Table 10.13). Public patient separations accounted for 38.6% (34,900) of the separations for *Haemodialysis* (Block 1060) in private free-standing day hospitals in 2007–08 (Table 10.13) compared with 31.9% (16,800) in 2006–07 (AIHW 2008a).

States and territories

Tables 10.14 and 10.15 show hospital separations by state and territory for the 30 most common procedure blocks, in both the public and private sectors. These tables enable sector and state and territory comparisons of separations for the most common procedure blocks. For example, the proportion of total separations for *Coronary angiography* (Block 668) was higher in public hospitals in South Australia (58.2% of combined public and private separations for this procedure block) than in Queensland (38.5%). The proportion of total separations for *Administration of pharmacotherapy* (Block 1920) was higher in private hospitals in South Australia (65.0% of combined public and private separations for this procedure block) than in Victoria (35.6%).

There was some variation between the states and territories in the average length of stay for separations reporting the most common procedure blocks (tables 10.16 and 10.17). For example, in the public sector, the average length of stay for separations with *Coronary angiography* (Block 668) ranged from 2.4 days in the Australian Capital Territory to 5.5 days in New South Wales and 7.8 days in the Northern Territory (Table 10.16). There was less variation in the average length of stay within the private sector for the most common procedure blocks, but there were still some differences across the states and territories. For example, the average length of stay for separations with *Psychological/psychosocial therapies* (Block 1873) ranged from 3.5 days in Queensland to 15.3 days in Victoria (Table 10.17).

Age group and sex

There was little difference between males and females in the proportion of separations with procedures, with 83.4% for males (3.1 million) and 81.9% for females (3.4 million) (tables 10.18 and 10.19). Apart from the sex-specific procedures such as *Caesarean section* (Block 1340), *Postpartum suture* (Block 1344), *Curettag of uterus* (Block 1265) and *Medical or surgical induction of labour* (Block 1334) many of the top 30 procedures were common to both sexes. For both males and females, the group of procedures with the most separations was *Cerebral anaesthesia* (Block 1910). The highest numbers of separations for this group of procedures were in the 55–64 years age group for both males and females.

For males, the highest number of separations with procedures was reported for the 65–74 years age group which accounted for 19.6% (610,000) of separations with a procedure. For females, the highest number of separations with procedures was reported for the 55–64 years age group which accounted for 15.6% (531,000) of separations with a procedure (tables 10.18 and 10.19).

Aboriginal and Torres Strait Islander peoples

Table 10.20 contains a comparison between patients identified as Aboriginal and Torres Strait Islander and patients not so identified for each of the ACHI procedure chapters, including information on procedures per 1,000 population. These data are presented for New South Wales, Victoria, Queensland, Western Australia, South Australia and public hospitals in the Northern Territory (see *Chapter 8* and *Appendix 1* for more information) and may not be representative of data for Tasmania and the Australian Capital Territory.

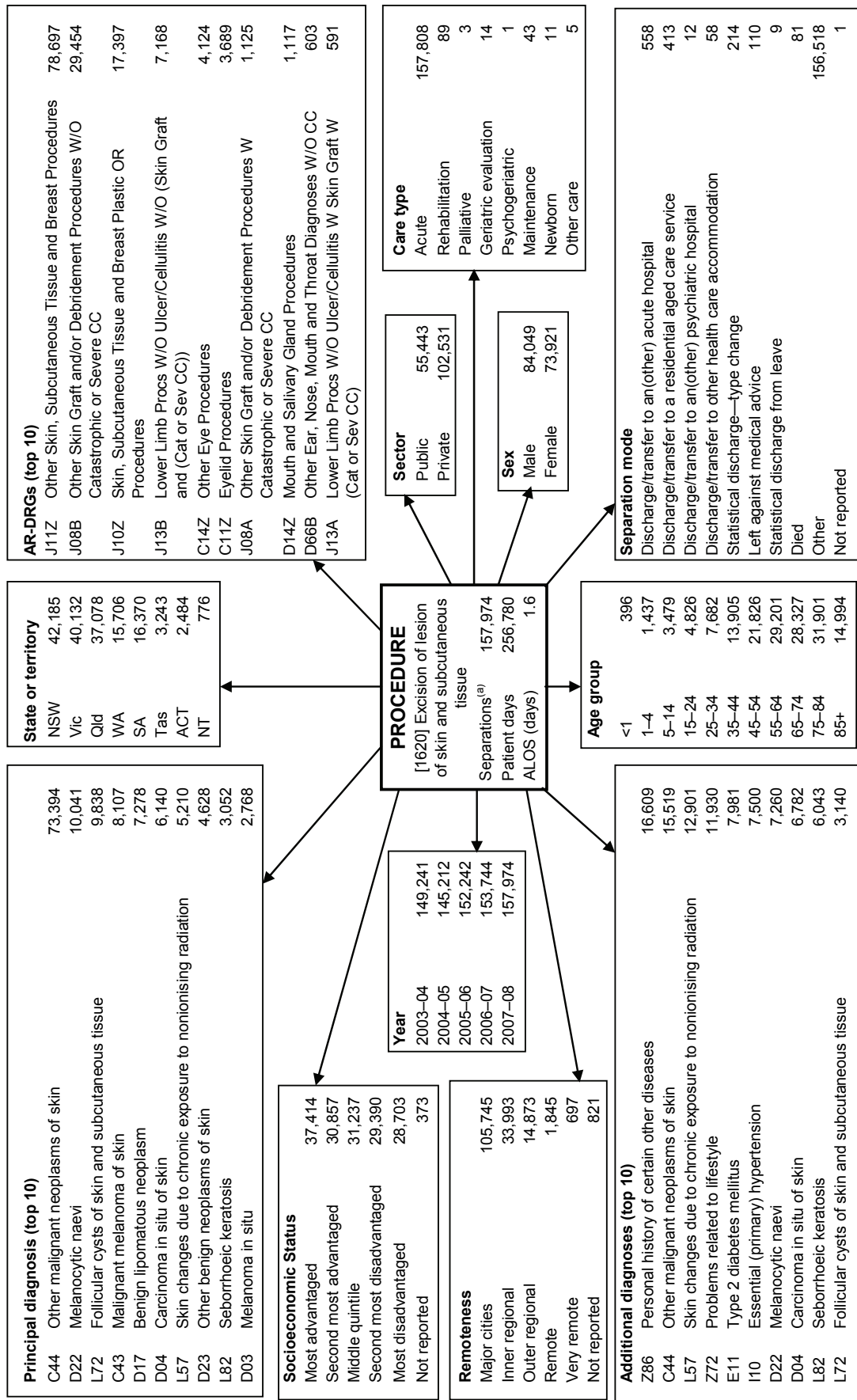
Procedures on urinary system (Blocks 1040–1129) was the most frequently reported procedure chapter for Indigenous patients (121,910). For *Haemodialysis* (Block 1060), the number of procedures per 1,000 population for Indigenous persons was 12.1 times that for other persons. For *Procedures on respiratory system* (Blocks 520–569), the rate for Indigenous persons was 1.9 times that for other persons, and for *Procedures on cardiovascular system* (Blocks 600–767) the rate was 1.4 times as high. For some chapters, the rate for Indigenous persons was less than that for other persons, including *Procedures on nervous system* (Blocks 1–86), *Procedures on nose, mouth and pharynx* (Blocks 370–422), *Procedures on digestive system* (Blocks 850–1011), *Procedures on male genital organs* (Blocks 1160–1203), *Gynaecological procedures* (Blocks 1240–1299) and *Procedures on breast* (Blocks 1740–1759).

Although total procedures per 1,000 population were higher for Indigenous persons, Figure 10.2 shows that the proportion of separations with a procedure by ICD-10-AM diagnosis chapter was lower for Indigenous persons than for other persons for all but two of the diagnosis chapters. For example, for *Diseases of the nervous system* (G00–G99), 47.1% of separations for Indigenous persons had a procedure reported, compared with 82.9% of separations for other persons. *Certain conditions originating in the perinatal period* (P00–P96) and *Factors influencing health status and contact with health services* (Z00–Z99) were the two chapters for which the proportion of separations with procedures was higher for Indigenous persons. These differences may reflect differences in the pattern of principal diagnoses reported within chapters.

Additional data

Information on the number of procedures reported per separation can be found in *Appendix 1* of this report. The accompanying tables on the Internet at <www.aihw.gov.au> provide information on the number of separations by 5-year age group and ACHI procedure block for males and females. There are also national summary statistics for public and private hospitals for each procedure block, and for overnight and same-day separations (as presented for the top 30 procedure blocks in tables 10.9 to 10.12).

For access to more procedure data, the AIHW's website also contains an Interactive National Hospital Morbidity Data page which contains links to a number of data cubes containing information on the procedures performed on patients admitted to Australian hospitals. Data in the form of counts of procedures are available on all procedures performed by age group, sex and same-day status. Procedure information is available at the broader ACHI chapter level through to the more specific seven-digit procedure code level.



(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.
Main abbreviations: ALOS—average length of stay; Proc—procedure; W—with; W/O—without; Cat—catastrophic; CC—complication or comorbidity; Sev—severe.

Figure 10.1: Interrelationships of a procedure (Block 1620 Excision of lesion of skin and subcutaneous tissue) with other data elements, all hospitals, Australia, 2007-08

Table 10.1: Separation^(a) and procedure statistics, by procedure in ACHI chapters, public hospitals, Australia, 2007–08

Procedure chapters	Separations		Same-day separations		Public patient separations		Separations per 10,000 population ^(b)		Patient days per 10,000 population ^(b)		ALOS (days)	
	Separations	Separations	separations	separations	separations	separations	population ^(b)	population ^(b)	Patient days	population ^(b)	ALOS (days)	ALOS excluding same-day
1–86	71,285	27,327	57,777	481,033	33.6	226.5	6.7	10.3				
110–129	6,532	277	5,740	29,124	3.1	13.7	4.5	4.6				
160–256	79,474	67,356	64,229	120,477	37.4	56.7	1.5	4.4				
300–333	24,354	15,677	21,204	46,709	11.5	22.0	1.9	3.6				
370–422	54,855	16,857	46,938	120,597	25.8	56.8	2.2	2.7				
450–490	30,635	24,808	24,375	91,578	14.4	43.1	3.0	11.5				
520–569	85,385	17,157	69,770	1,127,154	40.2	530.7	13.2	16.3				
600–767	197,899	55,384	163,191	1,813,811	93.2	854.0	9.2	12.3				
800–817	31,618	11,749	26,062	240,764	14.9	113.4	7.6	11.5				
850–1011	399,697	202,840	335,971	1,640,495	188.2	772.4	4.1	7.3				
1040–1129	952,240	878,732	836,372	1,523,192	448.4	717.2	1.6	8.8				
1160–1203	38,197	20,498	32,526	92,439	18.0	43.5	2.4	4.1				
1240–1299	132,585	84,968	116,570	249,962	62.4	117.7	1.9	3.5				
1330–1347	187,567	8,726	171,330	643,594	88.3	303.0	3.4	3.5				
1360–1579	240,319	71,167	196,485	1,306,475	113.2	615.2	5.4	7.3				
1600–1718	181,154	85,157	152,697	1,014,616	85.3	477.7	5.6	9.7				
1740–1759	18,670	8,148	16,770	49,380	8.8	23.3	2.6	3.9				
1786–1799	9,569	1,827	7,220	95,637	4.5	45.0	10.0	12.1				
1820–1922	2,284,525	895,716	1,909,194	12,568,627	1,075.7	5,918.0	5.5	8.4				
1940–2016	491,340	79,292	392,289	4,351,393	231.4	2,048.9	8.9	10.4				
	3,581,842	1,930,020	3,045,079	14,459,349	1,686.5	6,808.3	4.0	7.6				
No procedure or not reported	1,162,219	433,581	1,027,881	3,376,596	547.2	1,589.9	2.9	4.0				
Total^(c)	4,744,061	2,363,601	4,072,960	17,835,945	2,233.8	8,398.2	3.8	6.5				

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

(b) Crude rate based on Australian population as at 31 December 2007.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Main abbreviations: ACHI—Australian Classification of Health Interventions; ALOS—average length of stay, n.e.c.—not elsewhere classified

Table 10.2: Separation^(a) and procedure statistics, by procedure in ACHI chapters, private hospitals, Australia, 2007–08

Procedure chapters	Separations		Separations per 10,000		Patient days per 10,000 population ^(b)	ALOS (days)	ALOS (days) excluding same-day
	Separations	Same-day separations	Public patient separations	Patient days population ^(b)			
1–86	82,566	43,300	337	38.9	277,507	130.7	6.0
110–129	6,539	92	44	3.1	17,894	8.4	2.8
160–256	179,789	168,199	3,076	84.7	186,422	87.8	1.6
300–333	28,023	20,168	119	13.2	33,563	15.8	1.7
370–422	72,077	26,306	251	33.9	88,161	41.5	1.4
450–490	102,784	98,954	262	48.4	107,327	50.5	2.2
520–569	26,633	6,907	195	12.5	222,686	104.9	10.9
600–767	155,179	59,559	3,105	73.1	709,098	333.9	6.8
800–817	20,803	6,109	58	9.8	95,045	44.8	6.1
850–1011	672,949	531,460	3,695	316.9	1,150,103	541.5	4.4
1040–1129	280,385	232,674	47,930	132.0	469,594	221.1	5.0
1160–1203	64,514	38,930	487	30.4	137,186	64.6	3.8
1240–1299	201,092	159,800	1,179	94.7	305,582	143.9	3.5
1330–1347	80,691	1,695	232	38.0	381,614	179.7	4.8
1360–1579	285,797	120,184	963	134.6	905,134	426.2	4.7
1600–1718	176,659	127,124	947	83.2	364,914	171.8	4.8
1740–1759	35,154	14,624	101	16.6	67,556	31.8	2.6
1786–1799	3,415	574	85	1.6	27,620	13.0	9.5
1820–1922	2,431,919	1,584,813	24,090	1,145.1	6,366,086	2,997.5	5.6
1940–2016	147,100	38,790	1,526	69.3	1,092,724	514.5	9.7
<i>Procedures reported^(c)</i>	<i>2,923,516</i>	<i>1,987,794</i>	<i>71,574</i>	<i>1,376.6</i>	<i>7,110,508</i>	<i>3,348.0</i>	<i>5.5</i>
No procedure or not reported	206,369	77,307	4,653	97.2	696,065	327.7	4.8
Total^(e)	3,129,885	2,065,101	76,227	1,473.7	7,806,573	3,675.8	5.4

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

(b) Crude rate based on Australian population as at 31 December 2007.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Main abbreviations: ACHI—Australian Classification of Health Interventions; ALOS—average length of stay; n.e.c.—not elsewhere classified

Table 10.3: Separations^(a), by procedure in ACHI chapters, public hospitals, states and territories, 2007–08

Procedure chapters	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1–86	21,484	20,365	11,122	8,444	6,452	1,509	1,121	788	71,285
110–129	2,323	1,863	1,191	519	395	138	65	38	6,532
160–256	25,777	23,310	10,423	9,973	7,339	593	1,223	836	79,474
300–333	5,312	6,623	6,303	2,514	2,438	302	426	436	24,354
370–422	14,087	16,697	10,781	5,550	5,511	730	983	516	54,855
450–490	7,263	10,129	5,986	3,159	2,822	402	330	544	30,635
520–569	27,137	22,836	15,993	7,974	6,872	1,918	1,600	1,055	85,385
600–767	59,123	57,283	35,450	17,996	16,363	5,016	4,535	2,133	197,899
800–817	8,542	9,611	5,658	3,133	3,025	664	760	225	31,618
850–1011	132,966	116,138	61,361	50,736	21,434	7,650	5,610	3,802	399,697
1040–1129	290,744	275,654	143,712	93,505	67,314	16,366	23,340	41,605	952,240
1160–1203	10,372	12,075	5,447	4,902	3,735	850	435	381	38,197
1240–1299	38,446	39,819	22,819	10,131	15,279	2,385	1,575	2,131	132,585
1330–1347	61,927	45,103	38,150	20,704	13,056	3,260	3,094	2,273	187,567
1360–1579	77,068	63,286	41,656	26,170	18,598	5,329	5,036	3,176	240,319
1600–1718	48,447	50,203	36,830	19,334	16,913	3,137	2,399	3,891	181,154
1740–1759	5,567	5,042	3,056	2,746	1,490	416	216	137	18,670
1786–1799	3,105	2,545	2,132	821	641	218	107	0	9,569
1820–1922	707,923	678,705	368,343	243,221	176,934	47,670	37,194	24,535	2,284,525
1940–2016	185,285	134,677	73,948	39,187	33,915	10,242	8,755	5,331	491,340
<i>Procedures reported^(b)</i>	<i>1,090,429</i>	<i>1,054,497</i>	<i>586,880</i>	<i>371,282</i>	<i>270,717</i>	<i>71,356</i>	<i>66,543</i>	<i>70,138</i>	<i>3,581,842</i>
No procedure or not reported	376,308	296,675	245,085	86,920	97,613	24,914	14,584	20,120	1,162,219
Total^(b)	1,466,737	1,351,172	831,965	458,202	368,330	96,270	81,127	90,258	4,744,061

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

(b) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.4: Separations^(a), by procedure in ACHI chapters, private hospitals, states and territories, 2007–08

Procedure chapters	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1–86	20,930	21,236	15,728	12,446	8,708	n.p.	n.p.	n.p.	82,366
110–129	2,288	1,330	1,556	653	467	n.p.	n.p.	n.p.	6,539
160–256	62,452	36,877	44,230	14,152	12,398	n.p.	n.p.	n.p.	179,789
300–333	8,718	5,612	5,634	3,643	3,149	n.p.	n.p.	n.p.	28,023
370–422	23,892	14,606	14,823	8,514	7,079	n.p.	n.p.	n.p.	72,077
450–490	28,392	27,317	20,251	14,327	8,660	n.p.	n.p.	n.p.	102,784
520–569	6,684	5,777	7,515	2,304	3,568	n.p.	n.p.	n.p.	26,633
600–767	39,270	44,932	40,639	13,657	10,925	n.p.	n.p.	n.p.	155,179
800–817	4,886	4,893	6,484	1,860	1,737	n.p.	n.p.	n.p.	20,803
850–1011	200,228	187,046	161,475	57,971	43,612	n.p.	n.p.	n.p.	672,949
1040–1129	56,956	59,057	79,647	48,951	29,394	n.p.	n.p.	n.p.	280,385
1160–1203	20,972	16,265	12,146	6,656	5,106	n.p.	n.p.	n.p.	64,514
1240–1299	58,871	54,203	49,608	18,683	12,415	n.p.	n.p.	n.p.	201,092
1330–1347	22,166	20,492	18,063	10,085	5,173	n.p.	n.p.	n.p.	80,691
1360–1579	80,745	70,900	57,331	34,013	28,342	n.p.	n.p.	n.p.	285,797
1600–1718	49,075	41,496	40,093	18,956	19,747	n.p.	n.p.	n.p.	176,659
1740–1759	9,295	8,059	8,792	4,585	2,842	n.p.	n.p.	n.p.	35,154
1786–1799	916	955	967	97	444	n.p.	n.p.	n.p.	3,415
1820–1922	730,076	592,429	601,646	230,944	184,136	n.p.	n.p.	n.p.	2,431,919
1940–2016	31,290	44,043	38,545	15,428	12,324	n.p.	n.p.	n.p.	147,100
<i>Procedures reported^(b)</i>	828,296	726,004	723,271	308,823	230,144	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	2,923,516
No procedure or not reported	29,624	76,287	57,028	16,595	13,453	n.p.	n.p.	n.p.	206,369
Total^(b)	857,920	802,291	780,299	325,418	243,597	n.p.	n.p.	n.p.	3,129,885

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

(b) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.5: Separations^{(a)(b)} for selected procedures^(c), by hospital sector, Australia, 2003-04 to 2007-08

Procedure	Public hospitals										Change 2003-04 to 2007-08	
	Private hospitals											
	2003-04	2004-05	2005-06	2006-07	2007-08	2003-04 to 2007-08	2003-04	2004-05	2005-06	2006-07		2007-08
Caesarean section	28,486	30,202	31,920	33,439	33,811	5,325	44,807	47,469	50,790	55,327	55,378	10,571
Cholecystectomy	20,996	20,936	20,593	20,147	20,714	-282	25,322	25,753	26,153	27,260	26,661	1,339
Coronary artery bypass graft	6,588	6,058	5,811	6,000	5,849	-739	8,885	8,470	8,411	8,185	7,763	-1,122
Coronary angioplasty	15,674	15,961	16,371	16,041	15,402	-272	15,530	17,479	18,334	19,001	18,979	3,449
Hip replacement	15,660	15,385	15,117	15,685	16,621	961	12,818	13,145	13,477	13,753	14,232	1,414
Revision of hip replacement	2,111	2,114	2,092	2,063	2,111	0	1,404	1,375	1,382	1,446	1,451	47
Hysterectomy, aged 15-69	15,587	15,280	14,722	14,489	14,496	-1,091	13,624	13,206	12,907	12,730	12,615	-1,009
Knee replacement	18,812	19,944	20,510	21,727	23,878	5,066	9,476	10,457	11,865	12,036	12,270	2,794
Lens insertion	109,324	118,379	121,372	123,632	133,050	23,726	47,001	51,642	54,241	55,234	56,602	9,601
Myringotomy	17,855	18,129	17,548	17,745	19,777	1,922	14,122	13,807	12,920	12,381	12,593	-1,529
Prostatectomy	16,225	17,547	18,519	19,151	19,823	3,598	9,359	9,862	10,163	10,408	10,884	1,525
Tonsillectomy	17,430	18,129	19,138	20,348	24,041	6,611	15,163	15,537	16,162	16,313	18,085	2,922

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

(b) Excludes multiple procedures for the same separation within the same group.

(c) The procedures are defined using Australian Classification of Health Interventions (ACHI) codes. See *Appendix 1*.

Table 10.6: Separations^{(a)(b)} for selected procedures^(c), by patient election status, Australia, 2003-04 to 2007-08

Procedure	Private patients										Public patients			Change 2003-04 to 2007-08
	2003-04	2004-05	2005-06	2006-07	2007-08	2007-08	2003-04 to 2007-08	2003-04	2004-05	2005-06	2006-07	2007-08	2007-08	
	32,676	34,422	36,503	38,971	39,193	6,517	40,519	42,996	45,966	49,542	49,496	8,977		
Caesarean section	22,762	22,741	22,627	22,668	23,008	246	23,545	23,924	24,107	24,716	24,269	724		
Cholecystectomy	7,696	7,169	6,853	6,981	6,798	-898	7,759	7,347	7,355	7,199	6,807	-952		
Coronary artery bypass graft	18,356	18,810	19,062	18,834	18,384	28	12,833	14,601	15,629	16,175	15,972	3,139		
Coronary angioplasty	17,546	17,270	17,054	17,863	18,785	1,239	10,927	11,249	11,535	11,569	12,053	1,126		
Hip replacement	2,308	2,311	2,267	2,291	2,347	39	1,207	1,178	1,207	1,218	1,215	8		
Revision of hip replacement	17,140	16,615	16,049	15,883	15,743	-1,397	12,066	11,860	11,574	11,334	11,298	-768		
Hysterectomy, aged 15-69	19,465	20,545	20,987	22,542	24,765	5,300	8,822	9,852	11,387	11,218	11,361	2,539		
Knee replacement	116,916	125,353	129,679	131,885	139,349	22,433	39,377	43,999	45,626	45,904	49,688	10,311		
Lens insertion	19,966	20,316	19,431	19,695	21,610	1,644	12,002	11,613	11,023	10,425	10,714	-1,288		
Myringotomy	17,179	18,526	19,563	20,314	21,014	3,835	8,399	8,881	9,111	9,242	9,668	1,269		
Prostatectomy	19,650	20,528	21,567	22,845	26,575	6,925	12,942	13,126	13,730	13,814	15,468	2,526		
Tonsillectomy														

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

(b) Excludes multiple procedures for the same separation within the same group.

(c) The procedures are defined using Australian Classification of Health Interventions (ACHI) codes. See *Appendix 1*.

Table 10.7. Number of procedures^{(a)(b)}, by ACHI chapter, public hospitals, states and territories, 2007-08

Procedure chapters	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1-86	27,016	25,876	15,107	11,337	7,338	1,910	1,500	856	90,940
110-129	2,488	1,965	1,279	586	418	147	70	41	6,994
160-256	29,583	27,113	12,798	12,412	8,370	694	1,315	965	93,250
300-333	6,323	7,689	7,099	3,022	2,997	379	598	481	28,588
370-422	21,313	24,806	13,835	8,126	8,632	1,135	1,651	625	80,123
450-490	44,273	40,243	36,641	15,667	14,435	1,920	1,510	2,843	157,532
520-569	47,584	41,254	27,952	14,231	9,360	3,308	2,791	1,953	148,433
600-767	102,446	96,379	59,098	30,719	27,546	9,116	7,838	3,140	336,282
800-817	9,183	10,021	6,150	3,313	3,163	695	791	234	33,550
850-1011	189,989	156,111	83,043	67,961	30,737	10,858	7,914	4,984	551,597
1040-1129	306,973	283,873	151,000	97,465	70,732	17,068	24,147	41,902	993,160
1160-1203	11,245	13,028	5,923	5,265	4,000	923	483	411	41,278
1240-1299	61,392	65,327	35,660	15,433	22,418	3,447	2,617	2,746	209,040
1330-1347	113,924	84,025	77,039	46,999	26,628	6,234	5,856	3,657	364,362
1360-1579	101,454	92,643	58,227	38,842	24,905	7,420	6,807	4,670	334,968
1600-1718	72,569	76,990	59,017	30,672	27,070	4,839	3,593	6,250	281,000
1740-1759	7,393	6,598	4,092	4,203	1,839	497	246	165	25,033
1786-1799	3,401	3,446	2,210	1,046	1,427	259	109	0	11,898
1820-1922	1,317,811	1,208,980	643,928	415,533	302,783	86,182	67,165	39,230	4,081,612
1940-2016	260,638	186,326	100,703	51,504	44,346	14,126	11,918	6,936	676,497
Total procedures	2,736,998	2,452,693	1,400,801	874,336	639,144	171,157	148,919	122,089	8,546,137

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

(b) This is a count of Australian Classification of Health Interventions (ACHI) procedure codes. It is possible that a single procedure code may represent multiple procedures or that a specific procedure may require the reporting of more than one code. Therefore the number of procedure codes reported does not necessarily equal the number of separate procedures performed.

Table 10.8. Number of procedures^{(a)(b)}, by ACHI chapter, private hospitals, states and territories, 2007–08

Procedure chapters	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1–86	31,252	33,913	26,576	23,010	11,743	n.p.	n.p.	n.p.	132,113
110–129	2,549	1,405	1,662	712	487	n.p.	n.p.	n.p.	7,077
160–256	74,119	40,833	53,331	20,949	14,319	n.p.	n.p.	n.p.	214,394
300–333	10,045	6,268	6,307	4,119	3,717	n.p.	n.p.	n.p.	31,860
370–422	47,207	25,881	28,646	16,055	15,774	n.p.	n.p.	n.p.	140,055
450–490	100,580	92,669	90,506	67,623	38,057	n.p.	n.p.	n.p.	406,470
520–569	9,748	9,128	11,548	3,406	4,454	n.p.	n.p.	n.p.	39,431
600–767	71,681	80,965	70,530	23,404	19,503	n.p.	n.p.	n.p.	274,430
800–817	5,322	5,085	6,890	2,004	1,840	n.p.	n.p.	n.p.	22,126
850–1011	281,877	243,462	214,493	78,625	58,171	n.p.	n.p.	n.p.	906,273
1040–1129	73,844	66,223	87,861	53,001	33,151	n.p.	n.p.	n.p.	322,620
1160–1203	22,194	17,463	12,852	6,946	5,403	n.p.	n.p.	n.p.	68,429
1240–1299	88,740	80,802	70,982	26,958	19,498	n.p.	n.p.	n.p.	298,399
1330–1347	45,617	40,335	33,765	23,577	10,753	n.p.	n.p.	n.p.	162,464
1360–1579	116,498	111,827	80,417	51,955	43,096	n.p.	n.p.	n.p.	424,389
1600–1718	92,772	82,189	87,625	36,977	38,642	n.p.	n.p.	n.p.	352,011
1740–1759	12,035	10,490	11,736	6,365	3,591	n.p.	n.p.	n.p.	46,154
1786–1799	1,091	1,021	1,205	98	649	n.p.	n.p.	n.p.	4,102
1820–1922	1,034,418	811,251	787,622	313,242	260,694	n.p.	n.p.	n.p.	3,329,822
1940–2016	39,203	57,194	49,843	19,792	15,387	n.p.	n.p.	n.p.	187,987
Total procedures	2,160,792	1,818,404	1,734,397	778,818	598,929	n.p.	n.p.	n.p.	7,370,606

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

(b) This is a count of Australian Classification of Health Interventions (ACHI) procedure codes. It is possible that a single procedure code may represent multiple procedures or that a specific procedure may require the reporting of more than one code. Therefore the number of procedure codes reported does not necessarily equal the number of separate procedures performed.

Table 10.9: Separation^(a) and procedure statistics for the 30 ACCHI procedure blocks with the highest number of overnight separations, public hospitals, Australia, 2007–08

Procedure block	Public patient separations			ALOS ^(b) (days)	Total procedures reported
	Separations	Public patient separations	Patient days		
1916 Generalised allied health interventions	906,214	737,851	10,020,003	11.1	1,813,616
1910 Cerebral anaesthesia	604,534	507,600	3,837,998	6.3	687,536
1952 Computerised tomography of brain	156,730	120,905	1,754,447	11.2	160,023
1893 Transfusion of blood and gamma globulin	122,761	98,077	1,699,633	13.8	153,327
1909 Conduction anaesthesia	111,716	95,327	746,663	6.7	113,986
1920 Administration of pharmacotherapy	74,972	61,992	993,065	13.2	100,122
1963 Computerised tomography of abdomen and pelvis	72,225	57,396	747,204	10.3	73,807
1344 Postpartum suture	61,408	56,041	187,040	3.0	62,370
1912 Postprocedural analgesia	59,609	49,562	492,884	8.3	60,899
1340 Caesarean section	55,221	49,300	266,144	4.8	55,243
738 Venous catheterisation	53,065	42,901	1,166,678	22.0	59,012
1966 Other computerised tomography	47,892	37,971	580,200	12.1	50,351
1334 Medical or surgical induction of labour	47,411	43,168	181,839	3.8	48,271
1335 Medical or surgical augmentation of labour	47,298	43,677	147,752	3.1	47,355
2015 Magnetic resonance imaging	44,293	34,099	653,491	14.8	48,690
1333 Analgesia and anaesthesia during labour and delivery procedure	43,554	39,256	173,114	4.0	43,638
668 Coronary angiography	38,130	31,280	234,001	6.1	38,831
569 Continuous ventilatory support	31,010	24,973	655,984	21.2	56,258
1959 Computerised tomography of spine	28,119	17,887	276,740	9.8	31,327
1962 Computerised tomography of abdomen	27,720	22,401	284,578	10.3	28,139
965 Cholecystectomy	25,995	23,402	104,791	4.0	26,040
1960 Computerised tomography of chest	25,323	19,899	370,298	14.6	25,768
926 Appendicectomy	23,626	19,811	86,954	3.7	23,744
607 Examination procedures on ventricle	22,917	18,631	133,820	5.8	22,974
1566 Excision procedures on other musculoskeletal sites	22,055	16,307	266,152	12.1	29,362
1343 Other procedures associated with delivery	21,628	19,333	76,155	3.5	21,906
986 Division of abdominal adhesions	21,062	18,072	196,799	9.3	21,357
1341 Fetal monitoring	21,017	19,769	77,308	3.7	21,897
1336 Spontaneous vertex delivery	20,580	19,699	56,094	2.7	20,646
1008 Panendoscopy with excision	19,590	16,502	181,812	9.3	19,910
Other	1,438,254	1,183,858	14,821,009	10.3	1,544,747
No procedure or not reported	727,579	630,672	2,940,384	4.0	..
Total^(c)	2,380,460	2,007,287	15,472,344	6.5	5,511,152

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

(b) ALOS — average length of stay.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Note: A similar listing of all procedures in Australian Classification of Health Interventions (ACHI) blocks is provided on the Internet at <www.aihw.gov.au>

Table 10.10: Separation^(a) and procedure statistics for the 30 ACHI procedure blocks with the highest number of overnight separations, private hospitals, Australia, 2007–08

Procedure block	Public patient separations			Patient days	ALOS ^(b) (days)	Total procedures reported
	Separations	Public patient separations	Patient days			
1910 Cerebral anaesthesia	566,962	2,498	2,233,170	3.9	601,116	
1916 Generalised allied health interventions	355,969	3,655	3,361,462	9.4	529,722	
1909 Conduction anaesthesia	114,417	390	629,338	5.5	116,739	
1893 Transfusion of blood and gamma globulin	56,855	413	649,258	11.4	68,616	
1912 Postprocedural analgesia	53,901	119	346,735	6.4	55,653	
668 Coronary angiography	36,435	68	149,528	4.1	37,559	
1828 Sleep study	35,960	26	41,090	1.1	36,267	
1340 Caesarean section	33,776	70	186,684	5.5	33,787	
607 Examination procedures on ventricle	28,668	60	114,677	4.0	28,806	
1333 Analgesia and anaesthesia during labour and delivery procedure	27,053	36	131,055	4.8	27,073	
1920 Administration of pharmacotherapy	25,988	142	251,139	9.7	28,687	
1344 Postpartum suture	23,230	63	100,208	4.3	23,370	
1334 Medical or surgical induction of labour	22,791	50	106,626	4.7	23,146	
412 Tonsillectomy or adenoidectomy	22,778	131	24,205	1.1	22,811	
1518 Arthroplasty of knee	20,459	142	151,641	7.4	20,721	
965 Cholecystectomy	20,452	237	58,503	2.9	20,482	
990 Repair of inguinal hernia	20,223	171	30,599	1.5	20,301	
1952 Computerised tomography of brain	19,831	411	254,885	12.9	20,260	
986 Division of abdominal adhesions	18,523	62	121,941	6.6	18,731	
1915 Other client support interventions	17,636	794	192,059	10.9	18,110	
1335 Medical or surgical augmentation of labour	16,659	70	74,580	4.5	16,697	
957 Examination of gallbladder or biliary tract	16,191	144	43,940	2.7	16,377	
1620 Excision of lesion of skin and subcutaneous tissue	15,904	86	56,673	3.6	29,720	
1489 Arthroplasty of hip	15,751	80	131,920	8.4	15,803	
1963 Computerised tomography of abdomen and pelvis	15,495	210	167,077	10.8	15,803	
738 Venous catheterisation	15,194	67	293,913	19.3	16,518	
1566 Excision procedures on other musculoskeletal sites	14,572	42	107,491	7.4	17,621	
1089 Examination procedures on bladder	14,251	40	56,880	4.0	14,324	
671 Transluminal coronary angioplasty with stenting	13,667	50	42,221	3.1	13,946	
2015 Magnetic resonance imaging	13,638	54	156,915	11.5	15,041	
Other	1,066,037	5,082	6,586,129	6.2	1,151,973	
No procedure or not reported	128,056	3,110	615,926	4.8	..	
Total^(b)	1,064,784	10,224	5,741,472	5.4	3,075,780	

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

(b) ALOS — average length of stay.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Note: A similar listing of all procedures in Australian Classification of Health Interventions (ACHI) blocks is provided on the Internet at <www.aihw.gov.au>

Table 10.11: Separation^(a) and procedure statistics for the 30 ACHI procedure blocks with the highest number of same-day separations, public hospitals, Australia, 2007–08

Procedure block	Separations	Public patient separations	Separations per 10,000 population ^(b)	Total procedures reported
1060 Haemodialysis	818,069	719,343	385.2	818,534
1910 Cerebral anaesthesia	569,217	477,434	268.0	569,995
1920 Administration of pharmacotherapy	156,423	135,822	73.7	159,166
1893 Transfusion of blood and gamma globulin	65,263	54,203	30.7	67,996
905 Fibreoptic colonoscopy	60,282	49,481	28.4	60,332
1008 Panendoscopy with excision	59,284	48,641	27.9	59,673
1909 Conduction anaesthesia	55,050	44,911	25.9	55,155
911 Fibreoptic colonoscopy with excision	52,153	42,856	24.6	54,894
197 Extracapsular crystalline lens extraction by phacoemulsification	50,835	42,280	23.9	50,863
1620 Excision of lesion of skin and subcutaneous tissue	44,842	39,904	21.1	65,735
1916 Generalised allied health interventions	38,386	33,520	18.1	46,790
1265 Curettage of uterus	36,694	33,557	17.3	36,711
1089 Examination procedures on bladder	29,732	26,399	14.0	29,737
1952 Computerised tomography of brain	27,716	24,307	13.1	27,786
1259 Examination procedures on uterus	23,676	21,401	11.1	23,687
1921 Loading of drug delivery device	21,537	18,906	10.1	22,745
1005 Panendoscopy	18,842	15,370	8.9	18,858
1267 Evacuation of gravid uterus	17,665	14,697	8.3	17,801
766 Vascular infusion device and pump	15,628	14,208	7.4	15,716
668 Coronary angiography	14,352	11,014	6.8	14,385
1890 Therapeutic interventions on cardiovascular system	13,354	12,151	6.3	13,478
1635 Repair of wound of skin and subcutaneous tissue	12,381	10,792	5.8	13,514
458 Surgical removal of tooth	12,014	8,059	5.7	39,544
457 Nonsurgical removal of tooth	11,919	10,391	5.6	46,503
607 Examination procedures on ventricle	11,412	8,707	5.4	11,418
76 Release of carpal and tarsal tunnel	11,118	10,081	5.2	11,643
1907 Electroconvulsive therapy	10,990	10,544	5.2	10,991
1888 Hyperbaric oxygen therapy	10,714	7,097	5.0	10,714
1554 Other application, insertion or removal procedures on other musculoskeletal sites	10,702	9,011	5.0	11,394
1260 Insertion or removal of intrauterine device	10,376	9,523	4.9	10,404
Other	571,230	488,075	269.0	638,823
No procedure or not reported	432,432	397,209	207.4	..
Total^(c)	2,363,601	2,065,673	1,133.5	3,034,985

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

(b) Crude rate based on the Australian estimated resident population as at 31 December 2007.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Note: A similar listing of all procedures in Australian Classification of Health Interventions (ACHI) blocks is provided on the Internet at <www.aihw.gov.au>

Table 10.12: Separation^(a) and procedure statistics for the 30 ACHI procedure blocks with the highest number of same-day separations, private hospitals, Australia, 2007–08

Procedure block	Separations	Public patient separations	Separations per 10,000 population ^(b)	Total procedures reported
1910 Cerebral anaesthesia	1,189,441	9,510	560.1	1,190,481
905 Fiberoptic colonoscopy	193,609	982	91.2	193,896
1008 Panendoscopy with excision	186,374	713	87.8	188,989
911 Fiberoptic colonoscopy with excision	178,039	901	83.8	186,937
1060 Haemodialysis	164,476	46,170	77.4	164,510
1920 Administration of pharmacotherapy	157,449	4,465	74.1	158,719
197 Extracapsular crystalline lens extraction by phacoemulsification	119,633	2,762	56.3	119,684
1909 Conduction anaesthesia	90,795	2,777	42.8	91,192
1916 Generalised allied health interventions	90,711	102	42.7	113,502
1620 Excision of lesion of skin and subcutaneous tissue	86,627	503	40.8	139,966
458 Surgical removal of tooth	80,428	79	37.9	253,010
1921 Loading of drug delivery device	55,777	263	26.3	60,129
1005 Panendoscopy	49,256	117	23.2	49,313
1267 Evacuation of gravid uterus	49,212	90	23.2	49,246
1297 Procedures for reproductive medicine	48,410	565	22.8	48,989
1089 Examination procedures on bladder	40,063	449	18.9	40,068
1265 Curettage of uterus	36,931	164	17.4	36,967
1873 Psychological/psychosocial therapies	33,994	0	16.0	40,296
1517 Arthroscopic meniscectomy of knee with repair	31,552	75	14.9	32,329
1893 Transfusion of blood and gamma globulin	30,979	251	14.6	32,185
1259 Examination procedures on uterus	29,406	108	13.8	29,420
766 Vascular infusion device and pump	25,970	277	12.2	26,431
1880 Therapies using agents, not elsewhere classified	24,831	8	11.7	24,832
668 Coronary angiography	20,507	2,017	9.7	20,525
1651 Local skin flap, simple and small, single stage	20,100	101	9.5	22,632
941 Procedures for haemorrhoids	17,838	112	8.4	18,745
309 Myringotomy	16,962	58	8.0	17,079
1163 Closed biopsy of prostate or seminal vesicle	16,515	121	7.8	17,257
76 Release of carpal and tarsal tunnel	16,498	117	7.8	17,991
607 Examination procedures on ventricle	16,390	1,241	7.7	16,393
Other	743,631	8,115	350.1	893,139
No procedure or not reported	76,750	1,543	36.8	..
Total^(c)	2,065,101	66,003	990.4	4,294,852

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

(b) Crude rate based on the Australian estimated resident population as at 31 December 2007.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.
.. Not applicable.

Note: A similar listing of all procedures in Australian Classification of Health Interventions (ACHI) blocks is provided on the Internet at <www.aihw.gov.au>

Table 10.13: Separation^(a) and procedure statistics for the 30 ACCHI procedure blocks with the highest number of separations, private free-standing day hospitals, Australia, 2007–08

Procedure block	Separations	Same-day separations	Public patient separations	Separations per 10,000 population ^(b)	
				Separations per 10,000 population ^(b)	Total procedures reported
1910 Cerebral anaesthesia	365,983	365,919	2,580	172.3	366,373
1060 Haemodialysis	90,396	90,396	34,878	42.6	90,397
905 Fibreoptic colonoscopy	81,253	81,253	11	38.3	81,501
1008 Panendoscopy with excision	78,398	78,398	3	36.9	79,849
911 Fibreoptic colonoscopy with excision	68,710	68,710	8	32.4	71,681
197 Extracapsular crystalline lens extraction by phacoemulsification	65,360	65,360	1,220	30.8	65,378
1909 Conduction anaesthesia	42,845	42,822	1,488	20.2	43,143
1267 Evacuation of gravid uterus	40,528	40,528	68	19.1	40,555
1620 Excision of lesion of skin and subcutaneous tissue	32,450	32,449	223	15.3	51,488
1005 Panendoscopy	26,744	26,744	1	12.6	26,783
1920 Administration of pharmacotherapy	25,963	25,963	1,000	12.2	26,313
1297 Procedures for reproductive medicine	25,511	25,511	565	12.0	25,979
458 Surgical removal of tooth	20,355	20,355	0	9.6	62,156
1921 Loading of drug delivery device	17,428	17,428	0	8.2	17,585
209 Application, insertion or removal procedures on retina, choroid or posterior chamber	14,232	14,232	22	6.7	14,297
1893 Transfusion of blood and gamma globulin	10,737	10,737	10	5.1	11,570
1651 Local skin flap, simple and small, single stage	6,830	6,830	79	3.2	7,702
1888 Hyperbaric oxygen therapy	5,742	5,742	1,660	2.7	5,742
457 Nonsurgical removal of tooth	5,221	5,220	0	2.5	13,537
1884 Immunisation	4,839	4,839	3	2.3	4,839
1089 Examination procedures on bladder	4,325	4,325	1	2.0	4,326
1649 Other full thickness skin graft	3,890	3,890	69	1.8	4,077
1265 Curettage of uterus	3,840	3,840	19	1.8	3,859
941 Procedures for haemorrhoids	3,722	3,722	0	1.8	3,829
207 Vitrectomy	3,409	3,409	31	1.6	3,518
466 Tooth-coloured restoration	3,264	3,264	0	1.5	12,993
668 Coronary angiography	3,237	3,237	1,315	1.5	3,239
1862 Other genitourinary diagnostic tests, measures or investigations	3,171	3,171	1	1.5	3,171
766 Vascular infusion device and pump	3,159	3,159	29	1.5	3,159
172 Other excision procedures on cornea	3,032	3,032	27	1.4	3,081
Other	169,738	167,111	2,568	79.9	210,304
No procedure or not reported	2,437	2,437	3	1.1	..
Total^(c)	668,033	665,692	42,072	314.5	1,362,424

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

(b) Crude rate based on the Australian estimated resident population as at 31 December 2007.

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.14: Separations^(a) for the 30 ACHI procedure blocks with the highest number of separations, public hospitals, states and territories, 2007-08

Procedure block	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1910 Cerebral anaesthesia	378,319	338,042	185,891	123,918	91,873	23,371	19,361	12,976	1,173,751
1916 Generalised allied health interventions	331,885	242,328	156,770	92,940	75,039	18,862	17,124	9,652	944,600
1060 Haemodialysis	256,052	243,629	125,105	79,441	55,852	14,016	21,494	40,782	836,371
1920 Administration of pharmacotherapy	39,686	100,525	39,376	30,936	9,081	5,556	4,017	2,218	231,395
1893 Transfusion of blood and gamma globulin	56,920	57,857	29,381	18,548	17,294	3,619	2,994	1,411	188,024
1952 Computerised tomography of brain	71,695	52,541	27,065	13,172	11,381	3,601	3,164	1,827	184,446
1909 Conduction anaesthesia	52,080	52,886	24,743	15,367	14,075	2,676	2,497	2,442	166,766
1963 Computerised tomography of abdomen and pelvis	34,302	23,860	11,104	4,282	4,843	1,700	705	1,088	81,884
1008 Panendoscopy with excision	27,478	23,411	10,649	11,940	2,361	1,198	1,068	769	78,874
905 Fibreoptic colonoscopy	27,070	22,829	9,792	10,485	2,156	1,282	666	623	74,903
911 Fibreoptic colonoscopy with excision	22,945	18,175	8,783	11,229	1,456	1,207	782	596	65,173
1344 Postpartum suture	23,759	14,868	10,955	5,750	4,341	1,016	1,518	773	62,980
1912 Postprocedural analgesia	25,407	9,269	8,405	9,534	5,035	1,643	375	191	59,859
738 Venous catheterisation	18,902	13,507	12,214	5,651	4,210	1,329	1,279	994	58,086
1620 Excision of lesion of skin and subcutaneous tissue	14,164	16,659	11,330	5,523	5,685	1,204	510	368	55,443
1340 Caesarean section	18,615	13,485	11,270	5,369	4,004	1,033	816	786	55,378
1966 Other computerised tomography	19,191	13,755	9,358	4,906	3,994	1,174	1,070	612	54,060
2015 Extracapsular crystalline lens extraction by phacoemulsification	17,663	15,690	6,540	6,848	5,062	390	1,036	571	53,800
668 Coronary angiography	17,196	12,799	8,550	5,237	5,474	1,319	1,543	364	52,482
2015 Magnetic resonance imaging	18,445	13,212	7,028	3,977	3,771	1,085	1,047	374	48,939
1335 Medical or surgical augmentation of labour	16,900	10,839	10,254	4,706	3,421	904	933	589	48,546
1334 Medical or surgical augmentation of labour	16,005	11,384	8,866	5,338	4,234	958	713	529	48,027
1333 Analgesia and anaesthesia during labour and delivery procedure	13,916	9,743	8,148	6,112	4,044	851	714	287	43,815
1265 Curettage of uterus	11,596	12,120	5,413	2,293	8,780	493	497	266	41,458
1089 Examination procedures on bladder	9,387	12,202	5,969	5,400	4,391	909	469	200	38,927
1959 Computerised tomography of spine	12,341	11,203	5,098	2,440	1,663	866	599	457	34,667
607 Examination procedures on ventricle	9,531	9,933	5,119	4,106	3,388	884	1,167	201	34,329
1005 Panendoscopy	10,292	11,019	5,510	4,548	1,549	764	220	343	34,245
569 Continuous ventilatory support	10,946	9,140	6,217	2,907	2,747	700	665	539	33,861
1962 Computerised tomography of abdomen	10,697	5,675	6,116	3,779	2,697	325	1,360	327	30,976
Other	694,844	628,010	394,764	231,450	183,898	47,736	35,832	25,186	2,241,720
No procedure or not reported	376,308	296,675	245,085	86,920	97,613	24,914	14,584	20,120	1,162,219
Total^(b)	1,466,737	1,351,172	831,965	458,202	368,330	96,270	81,127	90,258	4,744,061

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

(b) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.15: Separations^(a) for the 30 ACHI procedure blocks with the highest number of separations, private hospitals, states and territories, 2007-08

Procedure block	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1910 Cerebral anaesthesia	532,417	440,005	410,454	166,057	133,888	n.p.	n.p.	n.p.	1,756,403
1916 Generalised allied health interventions	152,977	105,513	98,994	33,322	42,587	n.p.	n.p.	n.p.	446,680
905 Fibreoptic colonoscopy	66,589	59,524	46,655	13,007	12,950	n.p.	n.p.	n.p.	205,420
1909 Conduction anaesthesia	71,972	52,658	39,713	18,087	14,252	n.p.	n.p.	n.p.	205,212
1008 Panendoscopy with excision	64,664	51,891	49,906	16,485	10,453	n.p.	n.p.	n.p.	198,185
911 Fibreoptic colonoscopy with excision	59,860	47,709	45,353	20,295	10,214	n.p.	n.p.	n.p.	188,480
1920 Administration of pharmacotherapy	36,748	55,679	43,343	23,159	16,849	n.p.	n.p.	n.p.	183,437
1060 Haemodialysis	22,505	33,599	53,694	36,619	19,743	n.p.	n.p.	n.p.	166,204
197 Extracapsular crystalline lens extraction by phacoemulsification	42,564	25,332	31,878	10,472	9,247	n.p.	n.p.	n.p.	126,287
1620 Excision of lesion of skin and subcutaneous tissue	28,021	23,473	25,748	10,183	10,685	n.p.	n.p.	n.p.	102,531
1893 Transfusion of blood and gamma globulin	16,404	22,739	29,510	8,792	7,521	n.p.	n.p.	n.p.	87,834
458 Surgical removal of tooth	23,917	22,181	17,089	11,154	6,698	n.p.	n.p.	n.p.	83,719
1921 Loading of drug delivery device	5,312	12,225	29,067	7,478	4,693	n.p.	n.p.	n.p.	59,680
668 Coronary angiography	16,966	15,933	13,669	4,338	3,932	n.p.	n.p.	n.p.	56,942
1005 Panendoscopy	12,352	23,521	11,130	2,821	5,186	n.p.	n.p.	n.p.	56,277
1089 Examination procedures on bladder	14,313	12,397	13,319	6,499	4,660	n.p.	n.p.	n.p.	54,314
1912 Postprocedural analgesia	22,279	5,643	10,361	9,001	6,305	n.p.	n.p.	n.p.	54,241
1267 Evacuation of gravid uterus	9,985	17,598	16,397	5,600	n.p.	n.p.	n.p.	n.p.	50,130
1297 Procedures for reproductive medicine	17,703	11,346	10,186	3,542	3,881	n.p.	n.p.	n.p.	48,464
607 Examination procedures on ventricle	11,292	13,498	11,878	3,937	3,156	n.p.	n.p.	n.p.	45,058
1873 Psychological/psychosocial therapies	21,525	3,617	13,374	5,459	248	n.p.	n.p.	n.p.	44,343
1265 Curettage of uterus	12,773	12,331	8,551	3,370	3,152	n.p.	n.p.	n.p.	42,175
1517 Arthroscopic meniscectomy of knee with repair	9,560	8,467	7,743	4,139	5,587	n.p.	n.p.	n.p.	37,634
1828 Sleep study	10,447	9,644	9,096	2,247	3,259	n.p.	n.p.	n.p.	36,020
1340 Caesarean section	8,708	7,947	8,590	4,556	2,155	n.p.	n.p.	n.p.	33,811
1259 Examination procedures on uterus	9,761	9,642	7,332	2,910	2,656	n.p.	n.p.	n.p.	33,810
412 Tonsillectomy or adenoidectomy	10,821	5,285	7,034	3,519	2,347	n.p.	n.p.	n.p.	30,402
1880 Therapies using agents, not elsewhere classified	27,830	572	280	749	925	n.p.	n.p.	n.p.	30,357
766 Vascular infusion device and pump	3,882	9,279	10,294	2,623	1,600	n.p.	n.p.	n.p.	28,565
1333 Analgesia and anaesthesia during labour and delivery procedure	8,806	6,254	4,652	4,127	2,244	n.p.	n.p.	n.p.	27,081
Other	601,550	498,264	473,660	233,728	182,959	n.p.	n.p.	n.p.	2,081,974
No procedure or not reported	29,624	76,287	57,028	16,595	13,453	n.p.	n.p.	n.p.	206,369
Total^(b)	857,920	802,291	780,299	325,418	243,597	n.p.	n.p.	n.p.	3,129,885

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

(b) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.16: Average length of stay^(a) (days) for the 30 ACHI procedure blocks with the highest number of separations, public hospitals, states and territories, 2007–08

Procedure block	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1910 Cerebral anaesthesia	4.1	3.3	3.9	3.4	4.0	4.0	3.7	4.8	3.8
1916 Generalised allied health interventions	11.0	10.3	10.5	10.4	10.8	10.3	9.5	10.8	10.6
1060 Haemodialysis	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2
1920 Administration of pharmacotherapy	8.3	3.7	5.3	3.5	7.3	4.4	5.7	5.6	5.0
1893 Transfusion of blood and gamma globulin	11.1	8.0	9.5	8.9	8.3	9.8	9.9	14.0	9.4
1952 Computerised tomography of brain	10.2	8.1	10.0	11.2	11.5	9.3	8.0	10.3	9.7
1909 Conduction anaesthesia	5.0	4.4	4.9	5.7	4.2	6.0	4.0	6.7	4.8
1963 Computerised tomography of abdomen and pelvis	9.7	8.5	8.7	9.6	10.7	8.6	8.2	9.6	9.2
1008 Panendoscopy with excision	3.4	2.4	3.4	2.1	7.1	4.0	3.9	4.1	3.1
905 Fiberoptic colonoscopy	2.4	2.1	2.8	1.9	5.7	3.0	3.0	3.7	2.4
911 Fiberoptic colonoscopy with excision	2.9	2.2	3.2	1.8	6.9	3.1	3.1	2.7	2.6
1344 Postpartum suture	3.1	2.9	2.7	3.2	3.2	3.0	2.7	4.0	3.0
1912 Postprocedural analgesia	8.5	8.9	7.7	6.7	9.2	8.7	7.9	10.3	8.2
738 Venous catheterisation	20.8	20.1	18.8	21.0	21.5	18.1	18.1	21.6	20.2
1620 Excision of lesion of skin and subcutaneous tissue	2.5	1.8	2.1	1.9	1.8	1.6	1.6	3.7	2.0
1340 Caesarean section	4.9	4.9	4.2	5.0	5.3	4.6	4.7	6.6	4.8
1966 Other computerised tomography	11.9	9.6	10.5	11.0	11.2	9.7	9.7	11.7	10.8
197 Extracapsular crystalline lens extraction by phacoemulsification	1.1	1.0	1.0	1.1	1.0	1.0	1.0	2.1	1.1
668 Coronary angiography	5.5	4.7	4.7	4.0	3.9	3.7	2.4	7.8	4.7
2015 Magnetic resonance imaging	13.8	12.6	14.0	13.5	14.1	12.3	10.3	18.5	13.4
1335 Medical or surgical augmentation of labour	3.2	3.1	2.7	3.2	3.2	3.1	2.8	4.1	3.1
1334 Medical or surgical induction of labour	4.0	3.7	3.4	3.8	4.1	3.8	3.7	5.3	3.8
1333 Analgesia and anaesthesia during labour and delivery procedure	4.1	3.9	3.6	3.9	4.1	3.8	3.7	5.0	4.0
1265 Curettage of uterus	1.3	1.1	1.2	1.2	1.1	1.1	1.2	1.8	1.2
1089 Examination procedures on bladder	2.5	1.9	2.1	2.4	1.9	2.1	2.2	4.1	2.2
1959 Computerised tomography of spine	9.0	6.3	8.8	10.0	10.3	7.2	7.2	10.3	8.2
607 Examination procedures on ventricle	4.9	4.4	4.2	3.5	3.4	3.5	2.3	7.5	4.2
1005 Panendoscopy	7.2	5.2	5.8	4.9	11.2	7.4	10.5	6.7	6.2
569 Continuous ventilatory support	20.2	18.4	18.6	21.2	21.2	19.5	16.5	18.0	19.5
1962 Computerised tomography of abdomen	10.1	7.5	9.4	9.7	9.4	6.9	9.6	8.8	9.3
Total	4.2	3.3	3.6	3.6	4.4	4.0	3.4	2.9	3.7

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

Table 10.17: Average length of stay^(a) (days) for the 30 ACHI procedure blocks with the highest number of separations, private hospitals, states and territories, 2007–08

Procedure block	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
1910 Cerebral anaesthesia	1.8	2.0	2.0	2.1	2.1	n.p.	n.p.	n.p.	1.9
1916 Generalised allied health interventions	6.3	8.7	8.4	9.5	6.9	n.p.	n.p.	n.p.	7.7
905 Fiberoptic colonoscopy	1.1	1.3	1.4	1.4	1.3	n.p.	n.p.	n.p.	1.2
1909 Conduction anaesthesia	2.8	3.8	3.8	4.9	3.7	n.p.	n.p.	n.p.	3.5
1008 Panendoscopy with excision	1.1	1.4	1.5	1.5	1.4	n.p.	n.p.	n.p.	1.3
911 Fiberoptic colonoscopy with excision	1.1	1.3	1.3	1.3	1.3	n.p.	n.p.	n.p.	1.2
1920 Administration of pharmacotherapy	2.0	2.2	2.6	2.1	2.1	n.p.	n.p.	n.p.	2.2
1060 Haemodialysis	1.2	1.2	1.2	1.0	1.1	n.p.	n.p.	n.p.	1.1
197 Extracapsular crystalline lens extraction by phacoemulsification	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
1620 Excision of lesion of skin and subcutaneous tissue	1.4	1.4	1.4	1.4	1.2	n.p.	n.p.	n.p.	1.4
1893 Transfusion of blood and gamma globulin	8.4	8.2	6.6	8.5	8.3	n.p.	n.p.	n.p.	7.7
458 Surgical removal of tooth	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
1921 Loading of drug delivery device	1.1	1.5	1.5	1.3	1.3	n.p.	n.p.	n.p.	1.4
668 Coronary angiography	2.4	3.2	3.4	2.8	3.7	n.p.	n.p.	n.p.	3.0
1005 Panendoscopy	1.7	1.7	3.0	3.0	1.9	n.p.	n.p.	n.p.	2.1
1089 Examination procedures on bladder	1.7	1.7	1.7	2.1	1.8	n.p.	n.p.	n.p.	1.8
1912 Postprocedural analgesia	5.8	7.5	6.9	6.6	6.3	n.p.	n.p.	n.p.	6.4
1267 Evacuation of gravid uterus	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
1297 Procedures for reproductive medicine	1.0	1.0	1.0	1.0	1.0	n.p.	n.p.	n.p.	1.0
607 Examination procedures on ventricle	2.5	3.0	3.2	2.8	3.4	n.p.	n.p.	n.p.	2.9
1873 Psychological/psychosocial therapies	4.8	15.3	3.5	5.2	13.1	n.p.	n.p.	n.p.	5.4
1265 Curettage of uterus	1.1	1.1	1.1	1.1	1.1	n.p.	n.p.	n.p.	1.1
1517 Arthroscopic meniscectomy of knee with repair	1.1	1.1	1.1	1.1	1.1	n.p.	n.p.	n.p.	1.1
1828 Sleep study	1.1	1.0	1.4	1.2	1.1	n.p.	n.p.	n.p.	1.1
1340 Caesarean section	5.5	5.6	5.0	6.2	5.9	n.p.	n.p.	n.p.	5.5
1259 Examination procedures on uterus	1.1	1.1	1.1	1.1	1.1	n.p.	n.p.	n.p.	1.1
412 Tonsillectomy or adenoidectomy	1.0	1.1	1.0	1.1	1.1	n.p.	n.p.	n.p.	1.0
1880 Therapies using agents, not elsewhere classified	2.6	14.6	19.5	7.9	8.6	n.p.	n.p.	n.p.	3.3
766 Vascular infusion device and pump	1.6	1.6	2.0	1.9	1.9	n.p.	n.p.	n.p.	1.8
1333 Analgesia and anaesthesia during labour and delivery procedure	4.8	4.7	4.5	5.3	5.0	n.p.	n.p.	n.p.	4.8
Total	2.4	2.6	2.5	2.4	2.5	n.p.	n.p.	n.p.	2.4

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

Table 10.18: Separations^(a) for males for the 30 ACCHI procedure blocks with the highest number of separations, by age group, all hospitals, Australia, 2007-08

Procedure block	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total ^(b)
1910 Cerebral anaesthesia	10,843	45,375	74,330	105,527	100,723	140,335	188,296	258,091	235,652	171,439	40,147	1,370,758
1916 Generalised allied health interventions	10,663	6,878	13,445	31,865	35,205	46,127	63,255	97,211	117,651	140,160	65,213	627,673
1060 Haemodialysis	8	45	194	6,970	18,778	49,247	87,329	123,962	141,367	147,312	21,974	597,186
1920 Administration of pharmacotherapy	19,991	3,987	5,513	5,644	6,332	10,789	21,755	41,599	46,507	30,332	5,647	198,096
1909 Conduction anaesthesia	1,855	2,678	3,117	6,224	5,985	7,751	13,378	27,329	38,600	38,664	9,550	155,131
1893 Transfusion of blood and gamma globulin	2,063	1,754	3,712	4,082	4,355	6,783	13,158	24,411	32,567	34,334	12,745	139,964
911 Fibreoptic colonoscopy with excision	39	161	539	2,546	5,462	11,399	22,746	36,526	31,960	16,365	2,441	130,184
905 Fibreoptic colonoscopy	6	35	120	1,775	5,934	14,968	25,780	33,456	25,839	14,984	2,687	125,584
1008 Panendoscopy with excision	132	708	1,688	4,468	8,545	14,744	21,743	28,488	22,958	14,555	2,958	120,987
1952 Computerised tomography of brain	547	1,106	2,274	8,061	7,788	8,617	10,366	13,409	17,133	24,466	12,623	106,390
1620 Excision of lesion of skin and subcutaneous tissue	217	743	1,636	2,119	3,288	6,193	10,389	16,223	17,043	18,605	7,593	84,049
197 Extracapsular crystalline lens extraction by phacoemulsification	0	5	27	90	144	635	3,124	10,759	23,522	31,130	6,704	76,140
668 Coronary angiography	21	42	48	143	611	3,605	11,095	20,744	20,469	13,539	1,842	72,159
1089 Examination procedures on bladder	120	179	272	736	1,195	2,492	5,313	11,676	15,525	14,854	4,173	56,535
607 Examination procedures on ventricle	30	39	33	93	458	2,626	8,135	15,278	14,597	8,930	1,089	51,308
1963 Computerised tomography of abdomen and pelvis	15	85	481	2,783	3,920	5,792	7,637	8,881	8,971	8,866	3,235	50,666
1912 Postprocedural analgesia	254	304	1,165	2,901	2,715	3,479	5,637	9,982	10,563	6,012	947	43,959
738 Venous catheterisation	3,595	538	861	1,684	1,989	3,047	4,966	7,944	8,938	7,397	1,758	42,717
458 Surgical removal of tooth	3	450	3,276	18,960	7,973	4,313	2,867	2,209	1,216	771	241	42,279
1005 Panendoscopy	33	105	175	1,053	2,162	4,017	6,818	9,277	9,041	7,448	2,077	42,206
990 Repair of inguinal hernia	1,393	1,551	1,104	1,443	2,468	4,322	6,502	8,425	7,040	4,608	931	39,787
1921 Loading of drug delivery device	28	326	594	569	747	1,874	5,235	12,468	12,129	4,631	394	38,995
1566 Excision procedures on other musculoskeletal sites	58	597	1,435	5,055	4,667	5,026	5,330	5,463	3,721	2,748	965	35,065
1966 Other computerised tomography	66	63	113	1,150	1,710	2,770	4,295	6,618	7,689	7,176	1,961	33,611
2015 Magnetic resonance imaging	1,096	1,466	1,645	1,729	1,866	2,971	3,976	5,472	5,727	5,131	1,385	32,464
1828 Sleep study	174	724	839	686	1,884	4,618	6,624	7,655	4,245	1,745	219	29,413
412 Tonsillectomy or adenoidectomy	78	9,654	10,744	3,303	1,243	719	292	160	51	22	1	26,267
1517 Arthroscopic meniscectomy of knee with repair	0	0	55	1,198	2,117	4,515	6,956	6,925	3,109	948	93	25,916
671 Transluminal coronary angioplasty with stenting	0	0	1	7	109	1,238	4,318	7,382	6,608	4,141	666	24,470
1959 Computerised tomography of spine	12	116	623	3,786	3,360	3,460	3,098	2,938	2,555	2,777	1,300	24,025
Other	50,798	57,608	102,044	138,870	144,875	193,975	247,756	352,381	339,453	269,448	78,576	1,975,784
<i>Procedures reported</i>	45,171	57,329	95,702	155,774	176,108	276,246	406,028	592,184	610,011	543,025	149,037	3,106,615
No procedure or not reported	41,568	45,010	38,742	48,837	54,537	65,126	68,073	76,790	73,897	74,466	30,762	617,808
Total^(c)	86,739	102,339	134,444	204,611	230,645	341,372	474,101	668,974	683,908	617,491	179,799	3,724,423

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

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

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.19: Separations^(a) for females for the 30 ACHI procedure blocks with the highest number of separations, by age group, all hospitals, Australia, 2007-08

Procedure block	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total ^(b)
1910 Cerebral anaesthesia	5,129	28,868	54,598	133,220	171,130	223,785	240,457	256,118	217,018	176,142	52,839	1,559,305
1916 Generalised allied health interventions	8,699	5,411	10,665	40,505	83,412	67,099	64,251	90,406	112,076	165,608	115,469	763,601
1060 Haemodialysis	7	40	333	3,664	15,366	33,578	56,877	86,327	110,080	88,011	11,106	405,389
1909 Conduction anaesthesia	216	405	1,055	10,973	43,508	27,662	12,364	23,978	37,465	44,598	14,618	216,842
1920 Administration of pharmacotherapy	15,671	3,112	4,427	5,553	9,561	21,172	39,112	49,249	38,980	24,424	5,471	216,732
1008 Panendoscopy with excision	98	495	1,703	8,251	11,287	20,182	31,343	34,867	26,302	17,242	4,301	156,071
905 Fiberoptic colonoscopy	6	22	86	3,007	7,169	18,402	34,022	40,444	29,759	18,043	3,778	154,738
1893 Transfusion of blood and gamma globulin	1,561	1,189	2,609	4,606	8,600	9,881	13,924	19,616	25,491	30,800	17,616	135,893
911 Fiberoptic colonoscopy with excision	26	85	472	4,327	7,160	12,747	22,524	31,283	26,424	15,515	2,905	123,468
197 Extracapsular crystalline lens extraction by phacoemulsification	0	5	15	66	146	593	3,231	12,463	32,087	44,365	10,968	103,939
1952 Computerised tomography of brain	375	728	1,241	4,230	5,091	6,730	8,499	9,788	13,360	26,250	21,997	98,290
1340 Caesarean section	0	0	16	11,049	51,650	26,219	253	2	0	0	0	89,189
1344 Postpartum suture	0	0	35	17,167	52,113	16,893	59	0	0	0	0	86,267
1265 Curettage of uterus	0	0	46	6,746	15,960	24,033	22,374	8,932	3,641	1,622	279	83,633
1620 Excision of lesion of skin and subcutaneous tissue	179	694	1,843	2,706	4,394	7,712	11,437	12,976	11,284	13,295	7,401	73,921
1267 Evacuation of gravid uterus	0	0	175	23,934	29,975	18,244	558	2	3	3	0	72,894
1334 Medical or surgical induction of labour	0	0	16	13,049	42,302	15,521	104	0	0	0	0	70,992
1333 Analgesia and anaesthesia during labour and delivery procedure	0	0	13	13,106	43,406	14,291	73	1	2	3	1	70,896
1912 Postprocedural analgesia	149	272	856	4,486	14,028	11,919	8,721	10,184	10,346	7,527	1,652	70,140
1335 Medical or surgical augmentation of labour	0	0	25	15,299	38,494	11,366	53	0	0	0	0	65,237
1259 Examination procedures on uterus	0	0	31	3,126	11,451	18,473	17,474	6,254	2,535	1,156	216	60,716
458 Surgical removal of tooth	2	372	3,943	28,979	10,339	4,566	3,215	2,372	1,175	868	320	56,151
1297 Procedures for reproductive medicine	2	0	1	736	19,251	31,654	1,031	7	0	0	0	52,682
1005 Panendoscopy	16	93	173	1,522	2,545	5,074	8,102	10,422	9,309	8,159	2,900	48,315
1963 Computerised tomography of abdomen and pelvis	14	61	318	2,597	3,666	5,358	6,394	7,046	7,296	9,210	5,208	47,168
1921 Loading of drug delivery device	24	291	579	549	1,169	4,417	10,731	14,869	9,486	3,073	397	45,585
668 Coronary angiography	30	45	32	43	180	1,259	4,467	9,048	10,946	9,662	1,550	37,262
1089 Examination procedures on bladder	57	139	243	686	1,425	4,243	6,934	8,206	7,443	5,774	1,556	36,706
1343 Other procedures associated with delivery	0	0	7	6,347	21,809	6,461	2	2	0	0	0	34,656
1966 Other computerised tomography	37	51	101	1,040	1,925	3,093	4,333	5,660	6,613	7,454	3,103	33,410
Other	36,569	47,818	84,598	159,759	278,023	310,820	331,092	349,685	298,012	267,016	105,936	2,269,328
Procedures reported ^(c)	30,163	37,694	71,269	233,468	422,352	434,983	446,654	530,719	513,575	482,642	195,110	3,398,629
No procedure or not reported	33,327	33,404	29,412	99,335	135,384	94,474	69,730	66,329	62,424	77,315	49,617	750,751
Total^(c)	63,490	71,098	100,681	332,803	557,736	529,457	516,384	597,048	575,999	559,957	244,727	4,149,380

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

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

(c) As more than one procedure can be reported for each separation, the totals are not the sums of the rows of the table.

Table 10.20: Procedure^(a) statistics in ACHI chapters, by Indigenous status^(b), all hospitals, selected states and territories^(c), 2007–08

Procedure chapter	Count of procedures			Proportion of total procedures for		Procedures per 1,000 population ^(d)			Rate ratio ^(e)
	Indigenous Australians	Other Australians	Other	patients identified as Indigenous (%)	Indigenous Australians	Other Australians	Australians		
1–86	2,427	211,597		0.7	6.2	10.3		0.6	
110–129	140	13,452		0.0	0.5	0.7		0.7	
160–256	2,404	292,388		0.7	12.8	13.9		0.9	
300–333	2,147	55,920		0.6	3.2	2.9		1.1	
370–422	2,426	208,474		0.7	5.0	10.6		0.5	
450–490	15,543	527,994		4.4	22.3	27.5		0.8	
520–569	6,021	174,597		1.7	16.3	8.5		1.9	
600–767	10,460	574,951		3.0	38.3	27.3		1.4	
800–817	555	52,650		0.2	1.9	2.5		0.8	
850–1011	12,514	1,396,939		3.5	43.7	67.3		0.6	
1040–1129	121,910	1,144,115		34.5	505.4	54.4		9.3	
	117,682	850,534		33.3	488.4	40.5		12.1	
	4,228	293,581	Other than haemodialysis in procedure block 1040–1128	1.2	17.0	14.0		1.2	
1160–1203	880	103,850	Procedures on male genital organs	0.2	2.4	5.1		0.5	
1240–1299	6,559	483,397	Gynaecological procedures	1.9	15.5	24.6		0.6	
1330–1347	15,029	491,290	Obstetric procedures	4.3	25.6	25.9		1.0	
1360–1579	11,855	712,679	Procedures on musculoskeletal system	3.4	29.9	34.9		0.9	
1600–1718	12,722	598,051	Dermatological and plastic procedures	3.6	31.6	29.1		1.1	
1740–1759	578	67,929	Procedures on breast	0.2	1.8	3.3		0.5	
1786–1799	178	15,416	Chemotherapeutic and radiation oncology procedures	0.1	0.8	0.7		1.1	
1820–1922	112,407	7,023,085	Non-invasive, cognitive and interventions, not elsewhere classified	31.8	359.3	340.2		1.1	
1940–2016	16,499	815,373	Imaging services	4.7	57.1	39.2		1.5	
	235,572	14,113,613	Total (excluding haemodialysis)	66.7	691.2	688.5		1.0	
	353,254	14,964,147	Total (including haemodialysis)	100.0	1,179.5	729.0		1.6	

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

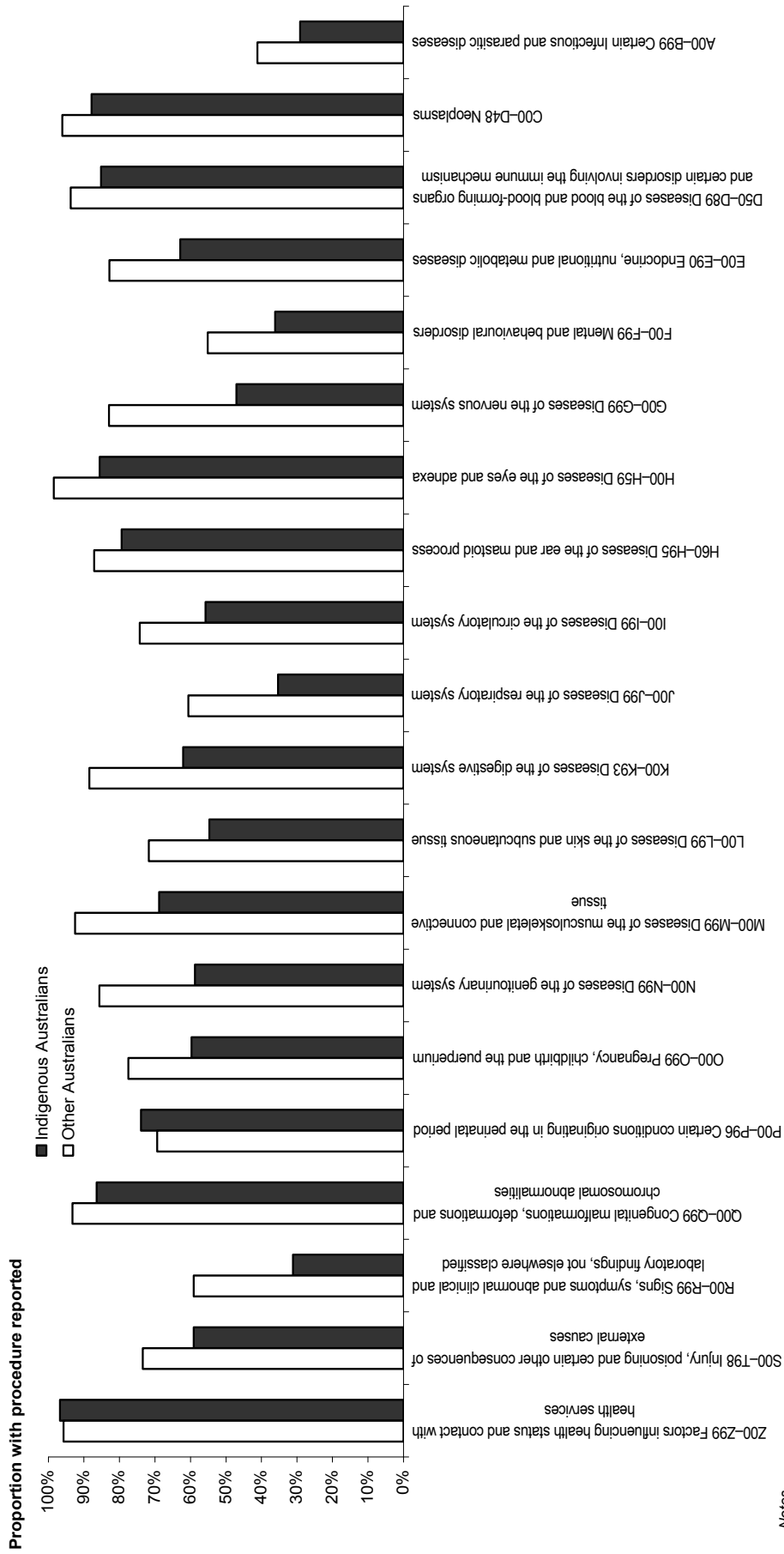
(b) Identification of Indigenous patients is not considered to be complete and completeness varies among jurisdictions. See the text of *Chapter 8* for further detail.

(c) This table includes data only for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only). Caution should be used in the interpretation of these data due to differences in data quality. It should also be noted that the data presented here are not necessarily representative of the jurisdictions excluded.

(d) The rates were directly age-standardised as detailed in *Appendix 1*. The rate for *Other Australians* includes *Indigenous status not reported*.

(e) The rate ratio is equal to the rate for *Indigenous Australians* divided by the rate for *Other Australians*.

Note: Indigenous population data are available at <www.aihw.gov.au>



Notes

1. Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.
2. This table includes data only for Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only). Caution should be used in the interpretation of these data due to jurisdictional differences in data quality.

Figure 10.2: Proportion of separations with a procedure reported, by principal diagnosis and Indigenous status, all hospitals, selected states and territories, 2007-08