

8 Demographic profile for admitted patients

Introduction

This chapter presents a demographic profile of admitted patients who separated from hospital during 2007–08. Included is information on patients' sex, age, Indigenous status and country of birth, together with information on the state, remoteness and socioeconomic advantage/disadvantage of their area of usual residence.

The age-standardised rates in this chapter were derived using 30 June 2007 population estimates for Indigenous peoples and other Australians (tables 8.7 and 8.8), remoteness areas (Table 8.12) and quintiles of socioeconomic advantage/disadvantage (Table 8.13) because 31 December (mid-year) population estimates were not available for these population groups. There will thus be small discrepancies between the age-standardised separation rates reported in these tables and the rates reported for state or territory of usual residence (Table 8.11) and those reported in *chapters 2, 4 and 7* which were based on 31 December 2007 estimates (see *Appendix 1*).

Age group and sex

Data on the sex of each patient were reported to the National Hospital Morbidity Database as male, female, indeterminate or not stated/inadequately described. The AIHW calculated the age of the patient by subtracting the date of birth from the date of admission. The 142 separations for patients who were not reported as male or female and the 9 separations for which age was not reported are included in the totals of tables in this chapter.

Changes from 2003–04 to 2007–08

The increase in public hospital separations (12.9%) from 2003–04 to 2007–08 was more attributable to males (14.9%) than to females (11.1%) and to older patients, particularly those aged 55 years and over (Table 8.1).

In public hospitals:

- Separations increased by 20.6% for patients aged 75–84 years and by 28.8% for those aged 85 years and over, but decreased by 2.1% for children aged 1–4 years.
- Patient days increased by 11.3% for males and by 6.2% for females (Table 8.4).
- Patient days decreased for patients aged 1–4 years.

The larger increase in separations (18.5%) in private hospitals from 2003–04 to 2007–08 were attributable more to males (19.5%) than to females (17.8%) and were most heavily influenced by separation counts recorded for age groups 55 years and above (Table 8.1). Patient days increased by a similar proportion (9.0%) for both males and females (Table 8.4).

Private hospital separations and patient days increased for all age groups:

- The increases in separations were most pronounced for patients aged 55 years and over, particularly for those aged 55–64 years (an increase of 31.5%) and the 85 and over group (48.1%).
- The increase for the 85 and over group was strongly driven by a 64.1% increase in male hospital separations for this age group.
- Private hospital patient days were down for patients aged 5–14 (4.0%) and 75–84 (2.6%).
- The increases in private hospital patient days were also most pronounced for patients aged 55–64 years (21.0%) and 85 and over (25.6%)(Table 8.4).

Sex and age profiles in 2007–08

Nationally, separations per 1,000 population were higher for females than for males in all age groups from 15–54 years in 2007–08 (Figure 6 in *Hospitals at a glance*) (tables 8.2 and 8.3):

- Females outnumbered males in separations from public hospitals (2.4 million separations, 51.3% of total) and from private hospitals (1.7 million separations, 54.9% of total) in 2007–08.
- There were more public hospital separations for females than males in all age groups in the 15–44 years range, and in all age groups from 15–54 years in private hospitals. These age groups include the child-bearing ages for women.
- In the 85 years and over age group, there were more separations for females than males for both public and private hospitals.

Females also accounted for more patient days than did males (tables 8.5 and 8.6):

- In public hospitals, they accounted for 51.2% (9.1 million) of patient days, and for more patient days than males in the age range from 15–44 years and 75 years and over.
- In private hospitals, females accounted for 57.9% (4.5 million) of patient days, and for more patient days than males in age groups in the 15–64 years range and 75 years and over.

Persons aged 55 years and over accounted for a large proportion of admitted patient activity across the combined sectors in 2007–08 (tables 8.2, 8.3, 8.5 and 8.6):

- They accounted for 24.3% of the estimated resident population at 31 December 2007 and contributed 52.4% of separations (over 4.1 million) and 60.9% of patient days (over 15.6 million).
- Persons over 64 years of age also had more separations per 1,000 population than any other age. Persons aged 65 years and over had higher average lengths of stay than any age group other than children under 1 year old (figures 6 and 8 in *Hospitals at a glance*).

Indigenous status

Tables 8.7, 8.8 and 8.9 contain summary statistics on separations by Indigenous status as supplied by states and territories as defined in the *National health data dictionary* definition (HDSC 2006). Information by Indigenous status is also provided in *chapters 5, 9 and 10*.

Quality of Indigenous status data

Overall, the quality of the data provided for Indigenous status in 2007–08 is considered to be in need of some improvement, being considered acceptable for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory. Data on Indigenous status in this chapter should therefore be interpreted with some caution. For more information and state and territory comments on the quality of Indigenous data see *Appendix 1*.

The AIHW report *Improving the quality of Indigenous identification in hospital separations data* (AIHW 2005c) recommended that when using Indigenous status information for analytical purposes, the data for only Queensland, Western Australia, South Australia, and for public hospitals in the Northern Territory, should be used. In 2007 and 2008, audits were performed to assess the level of identification of Indigenous patients in all states and territories. The results of the audit confirmed the inclusion of data for Queensland, Western Australia, South Australia and public hospitals in the Northern Territory, and also concluded that the level of identification of Indigenous patients in New South Wales and Victoria had improved to the point where data from these two states could now be included in these analyses. The AIHW will publish details of the audits in 2009, including the methodology and results for all states and territories.

Tables 8.7 and 8.8 include an additional column which provides subtotals and separation rates for the six jurisdictions with data of sufficient quality (as above). Table 8.9 and Figure 8.1 include data from these six jurisdictions only. Data for the Northern Territory in these analyses are for public hospitals only. Note that data for the six jurisdictions are not necessarily representative of all states and territories.

The 2005 report also recommended that data for all jurisdictions be shown to provide information on the number of overnight and total separations for Indigenous patients and for monitoring data quality. Hence, data for public hospitals in Tasmania and the Australian Capital Territory are included in tables 8.7 and 8.8, although separation rates are not published for those jurisdictions.

For the six jurisdictions, age-standardised separation rates per 1,000 population are presented for the three Indigenous categories in aggregate and for *Other Australians* (including those whose status was *Not reported*).

Also presented are rate ratios for the age-standardised separation rates for persons identified as *Indigenous* compared with those for *Other Australians*. A rate ratio greater than 1.0 indicates a higher separation rate for *Indigenous* persons than for *Other Australians*.

States and territories

For 2007–08, there were 276,000 separations for patients reported as *Indigenous* (Table 8.7). About 98% of these separations were reported for the six jurisdictions with data of sufficient quality:

- The six-jurisdictions-only data show that 92.2% of separations for *Indigenous* persons were reported as *Aboriginal but not Torres Strait Islander origin*, 4.7% were reported as *Torres Strait Islander but not Aboriginal origin* and 3.1% were reported as *Aboriginal and Torres Strait Islander origin*.
- Nearly 93% of separations of *Indigenous* persons in 2007–08 were from the public sector (252,000), whereas 59.1% of separations for *Other Australians* were from the public sector.

For the six jurisdictions combined, there were 915.8 separations per 1,000 population for *Indigenous* persons reported in 2007–08 (Table 8.7):

- This was 2.6 times the separation rate for *Other Australians* (356.8).
- About four-fifths of the difference between these rates was attributable to higher separation rates for *Indigenous* persons with a principal diagnosis of *Care involving dialysis (Z49)* or with a procedure of *Haemodialysis* (Block 1060) (see tables 9.22 and 10.20).
- The Northern Territory reported the largest number of separations of *Indigenous* persons per 1,000 Indigenous population (1,670.7), followed by Western Australia (1,184.7).
- The Northern Territory also reported the largest rate ratio for separations (7.3), indicating that the separation rate for *Indigenous* persons was 7.3 times the rate for *Other Australians*.

For the six jurisdictions, 40.9% of separations for patients reported as *Indigenous* in 2007–08 were for overnight stays (111,000) (Table 8.8), and 1.9% of overnight separations of *Indigenous* persons were from the private sector (2,100):

- There were 312.5 overnight separations of *Indigenous* persons reported per 1,000 Indigenous population. This was twice the rate for *Other Australians* (157.2).
- The Northern Territory reported the highest rate of overnight separations for *Indigenous* persons per 1,000 Indigenous population (368.0) along with the highest separation rate ratio for overnight separations (2.9).

Age group and sex

Table 8.9 contains separation data for the six jurisdictions by Indigenous status, age group and sex in 2007–08:

- The proportion of separations for *Indigenous* females (56.0%) was higher than that for *Other Australian* females (52.6%).
- A higher proportion of separations reported for *Indigenous* persons in 2007–08 were for those aged 64 years and under, compared with separations for *Other Australians*.
- Only 11.5% of separations for *Indigenous* persons were reported among those aged 65 years and over, compared with 37.4% of separations for *Other Australians*.

Age-specific separation rates per 1,000 population for *Indigenous* males and females are compared in Figure 8.1 with those for other males and females:

- The rates for *Indigenous* males and females were higher than those for other males and females across all age groups.
- Separation rates for *Indigenous* persons in older age groups are subject to variability because of the relatively small populations in these age groups.

Country of birth

In 2007–08, all states and territories supplied country of birth details coded to the Australian Bureau of Statistics' Standard Australian Classification of Countries (SACC) as specified in the *National health data dictionary, version 12 supplement* (AIHW 2004b).

Australian-born patients accounted for 72.9% (5.7 million) of total separations, 71.3% in the public sector and 75.5% in the private sector (Table 8.10).

Country of birth groups differed markedly in the proportion of their total separations within the public sector:

- Some 58.9% of separations of Australian-born patients were in the public sector, as were over 75% of separations for patients born in Fiji, Samoa, Croatia, Greece, Lebanon, Philippines and Vietnam.
- Fewer than 50% of separations for patients born in Hong Kong and Macau, the United States of America and South Africa were in the public sector.

Area of usual residence

The *National health data dictionary* specifies that data on the usual residence of patients should be provided as the state or territory and the statistical local area (SLA) of usual residence. Patients' SLAs have been assigned to remoteness areas to enable reporting of hospital separations by remoteness area of usual residence. Changes in the underlying calculations affecting the determination of remoteness areas mean that comparisons involving remoteness over time need to be made with caution. Details of the data provided by states and territories and the mapping process conducted by the AIHW to assign 2007 SLA codes and remoteness area categories to separation records can be found in *Appendix 1*.

Patients' SLAs have also been assigned to categories of the Index of Advantage/Disadvantage, one of a set of Socio-Economic Indexes for Areas 2006 (termed 'SEIFA 2006') constructed by the ABS based on data from the 2006 population census (ABS 2008a). SEIFA 2006 is discussed in more detail in *Appendix 1*.

Tables 8.11, 8.12 and 8.13 present selected separation statistics by hospital sector and same-day status for each state or territory of usual residence, remoteness area of usual residence and quintile of socioeconomic advantage/disadvantage, respectively. The age-standardised separation rates presented in these tables take into account the different age structures of the populations of the states and territories, remoteness areas and quintiles of socioeconomic advantage/disadvantage.

State or territory of usual residence

Table 8.11 presents the number of separations, the separation rate per 1,000 population, the standardised separation rate ratio (SRR) and the 95% confidence interval of the SRR for each state and territory of usual residence. The SRR is the separation rate for the population of interest divided by the separation rate for Australia as a whole. *Appendix 1* provides more information on the SRR:

- Residents of the Northern Territory had the highest separation rate for public hospitals, 461.3 per 1,000 population.
- The SRR for residents of the Northern Territory in public hospitals was 2.13, that is, persons usually resident in the Northern Territory had a total separation rate in public hospitals that was 113% higher than the national rate.
- Among those jurisdictions for which information was published, residents of Queensland had the highest separation rate for private hospitals, 175.6 per 1,000 population.
- Residents of the Northern Territory had the highest overnight separation rate, 185.9 per 1,000 population.

Remoteness areas

Table 8.12 presents the number of separations, the separation rate, the SRR and the 95% confidence interval of the SRR for each remoteness area:

- Persons usually resident in *Very remote* areas had 540.2 separations per 1,000 population, compared with 361.1 separations per 1,000 population nationwide.
- The SRR of 1.50 for persons usually resident in *Very remote* areas indicates that their separation rate was 50% higher than the national separation rate. The 95% confidence interval applying to this SRR indicates that the difference in the separation rates was statistically significant.
- The separation rate for public hospitals was also highest for usual residents of *Very remote* areas (483.6 separations per 1,000 population), and the separation rate for private hospitals was highest for usual residents of *Major cities* (158.3 separations per 1,000 population) and lowest for *Very remote* areas (56.6 separations per 1,000 population).

Socioeconomic advantage/disadvantage

The Index of Advantage/Disadvantage (from SEIFA 2006) used in this report is categorised into quintiles containing approximately 20% of the total Australian population. Table 8.13 presents for each quintile the number of separations, the separation rate per 1,000, the SRR and the 95% confidence interval of the SRR.

Each quintile accounted for between 18.8% and 21.4% of total hospital separations. However, SRRs were statistically different among the quintiles, ranging from 1.06 for the *Most disadvantaged* to 0.98 for the *Most advantaged*.

Use of the public and private hospital sectors was also not evenly spread across the quintiles. The *Most disadvantaged* quintile accounted for 26.4% of separations from public hospitals and 13.8% of separations from private hospitals. In contrast, the *Most advantaged* quintile accounted for 13.0% of separations from public hospitals and 29.3% of separations from private hospitals. Reflecting this, the SRRs for separations from public hospitals decreased progressively from 1.31 for the *Most disadvantaged* quintile to 0.65 for the *Most advantaged* quintile. For private hospitals, the SRRs increased progressively from 0.68 for the *Most disadvantaged* quintile to 1.47 for the *Most advantaged* quintile.

The 95% confidence intervals applying to these SRRs indicate that the differences in separation rates from the national rate were statistically significant in all cases.

These relationships are evident in the proportion of public hospital patients within the separations of each quintile. Public hospital patients accounted for 74.5% of separations in the *Most disadvantaged* quintile and 40.3% of separations in the *Most advantaged* quintile.

The SRRs for same-day separations and overnight separations were also unevenly spread across the quintiles. In particular, the SRRs for overnight separations ranged between 1.13 for the *Most disadvantaged* quintile and 0.87 for the *Most advantaged* quintile.

Additional data

Accompanying tables on the Internet at <www.aihw.gov.au> provide information on separations and patient days by 5-year age group, sex, hospital sector and state/territory.

Table 8.1: Separations^(a), by age group, sex and hospital sector, Australia, 2003-04 to 2007-08

Sex	Age group	Public hospitals										Private hospitals									
		2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	Change 2003-04 to 2007-08 (per cent)	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	Change 2003-04 to 2007-08 (per cent)								
Males	Under 1	68,181	63,576	66,427	68,782	70,337	3.2	14,546	14,147	13,732	14,254	16,402	12.8								
	1-4	83,513	79,184	79,490	79,530	81,985	-1.8	18,469	18,777	18,239	18,003	20,354	10.2								
	5-14	103,365	102,632	104,201	105,436	106,129	2.7	27,490	27,249	27,423	26,502	28,315	3.0								
	15-24	123,883	125,517	132,231	135,928	137,072	10.6	61,253	62,871	65,118	65,410	67,539	10.3								
	25-34	160,570	161,690	161,561	160,425	157,729	-1.8	70,142	70,551	70,775	70,639	72,916	4.0								
	35-44	197,798	202,215	210,167	218,048	219,746	11.1	114,299	116,798	118,227	118,177	121,626	6.4								
	45-54	243,517	247,860	264,058	276,744	283,803	16.5	172,517	175,977	177,177	181,562	190,298	10.3								
	55-64	300,081	314,858	334,406	356,235	365,445	21.8	231,790	249,529	266,680	281,310	303,529	30.9								
	65-74	358,241	365,658	380,032	401,573	406,374	13.4	212,264	222,816	236,289	248,024	277,534	30.7								
	75-84	298,531	318,299	339,456	362,105	380,903	27.6	212,448	222,460	225,822	229,131	236,588	11.4								
	85 and over	74,792	78,855	86,881	94,596	102,655	37.3	47,001	51,208	59,849	69,096	77,144	64.1								
	Total^(b)		2,012,473	2,060,353	2,158,917	2,259,407	2,312,178	14.9	1,182,219	1,232,383	1,279,331	1,322,108	1,412,245	19.5							
	Females	Under 1	50,915	47,708	50,547	51,473	52,770	3.6	9,258	8,549	8,617	9,208	10,720	15.8							
		1-4	59,733	56,511	57,760	57,430	58,290	-2.4	12,058	11,902	11,767	11,513	12,808	6.2							
5-14		73,408	74,422	75,277	76,854	76,455	4.2	23,379	23,384	23,498	22,709	24,226	3.6								
15-24		208,857	212,048	218,744	224,352	223,329	6.9	97,019	98,920	103,046	105,216	109,474	12.8								
25-34		342,996	345,143	357,690	360,874	354,595	3.4	194,978	195,885	196,946	196,449	203,141	4.2								
35-44		248,933	255,842	266,199	280,725	286,155	15.0	207,170	218,718	225,395	232,398	243,302	17.4								
45-54		235,139	239,259	247,949	257,045	262,920	11.8	225,615	230,407	234,971	243,382	253,464	12.3								
55-64		252,550	254,879	269,403	290,579	295,700	17.1	228,225	240,426	259,411	276,141	301,348	32.0								
65-74		294,868	298,652	306,785	323,299	331,203	12.3	197,423	206,536	214,537	225,418	244,796	24.0								
75-84		291,386	299,848	314,400	327,023	330,363	13.4	201,097	210,725	217,958	221,080	229,594	14.2								
85 and over		129,222	131,679	142,336	151,781	160,069	23.9	62,226	64,582	70,406	75,975	84,658	36.0								
Total^(b)			2,188,007	2,215,998	2,307,093	2,401,439	2,431,850	11.1	1,458,449	1,510,034	1,566,552	1,619,489	1,717,531	17.8							
Persons^(b)		Under 1	119,100	111,287	116,978	120,260	123,112	3.4	23,831	22,700	22,360	23,468	27,137	13.9							
		1-4	143,246	135,696	137,252	136,960	140,275	-2.1	30,530	30,679	30,006	29,516	33,164	8.6							
	5-14	176,775	177,056	179,478	182,292	182,584	3.3	50,873	50,633	50,922	49,212	52,546	3.3								
	15-24	332,741	337,566	350,976	360,281	360,404	8.3	158,273	161,791	168,170	170,635	177,043	11.9								
	25-34	503,568	506,836	519,258	521,305	512,331	1.7	265,121	266,436	267,721	267,098	276,076	4.1								
	35-44	446,743	458,062	476,366	499,137	505,906	13.2	321,469	335,517	343,624	350,579	364,938	13.5								
	45-54	478,657	487,124	512,012	533,792	546,724	14.2	398,133	406,384	412,149	424,948	443,768	11.5								
	55-64	552,635	569,746	603,812	646,814	661,148	19.6	460,015	489,956	526,092	557,452	604,886	31.5								
	65-74	653,112	664,323	686,819	724,873	737,577	12.9	409,689	429,352	450,828	473,443	522,336	27.5								
	75-84	589,925	618,162	653,856	689,166	711,267	20.6	413,546	433,187	443,780	450,212	466,189	12.7								
	85 and over	204,014	210,547	229,217	246,377	262,724	28.8	109,227	115,790	130,255	145,074	161,802	48.1								
	Total^(b)		4,200,517	4,276,425	4,466,076	4,661,280	4,744,061	12.9	2,640,708	2,742,425	2,845,907	2,941,637	3,129,885	18.5							

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

(b) Includes separations for which sex and/or age group were not reported.

Table 8.2: Separations^(a), by age group and sex, public hospitals, states and territories, 2007-08

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total	
Males	Under 1	22,448	20,256	12,900	5,776	5,364	1,169	1,002	1,422	70,337	
	1-4	26,944	19,825	16,038	7,977	7,345	1,148	1,120	1,588	81,985	
	5-14	35,259	25,648	21,456	10,439	7,900	2,000	1,757	1,670	106,129	
	15-24	41,062	35,726	28,574	14,043	10,248	2,803	2,515	2,101	137,072	
	25-34	47,475	42,756	30,611	14,939	11,785	3,401	3,220	3,542	157,729	
	35-44	61,694	61,522	40,568	22,780	17,023	4,713	4,176	7,270	219,746	
	45-54	81,772	78,708	53,102	29,408	21,329	6,043	4,792	8,649	283,803	
	55-64	103,990	107,897	66,550	37,588	26,335	7,876	7,573	7,636	365,445	
	65-74	124,543	125,623	66,975	38,030	29,988	8,672	7,715	4,828	406,374	
	75-84	126,795	117,451	56,026	33,882	31,827	6,508	6,895	1,519	380,903	
	85 and over	37,652	28,571	13,621	8,933	9,978	2,222	1,444	234	102,655	
	Total^(b)		709,634	663,983	406,421	223,795	179,122	46,555	42,209	40,459	2,312,178
	Females	Under 1	16,907	15,234	9,714	4,177	3,931	923	794	1,090	52,770
1-4		19,744	13,770	11,411	5,524	5,177	797	719	1,148	58,290	
5-14		24,251	18,878	15,856	7,554	6,127	1,387	1,115	1,287	76,455	
15-24		63,488	55,221	49,367	22,601	18,912	5,208	3,365	5,167	223,329	
25-34		108,997	99,326	68,391	33,388	25,663	6,567	5,919	6,344	354,595	
35-44		82,479	84,007	50,206	28,372	22,195	5,586	5,240	8,070	286,155	
45-54		71,043	76,115	47,698	28,402	19,967	6,216	3,734	9,745	262,920	
55-64		82,291	87,904	52,715	29,100	20,763	7,397	4,659	10,871	295,700	
65-74		106,691	98,049	53,345	31,152	25,034	6,830	5,757	4,345	331,203	
75-84		119,880	95,297	45,318	29,950	27,471	5,804	5,204	1,439	330,363	
85 and over		61,304	43,387	21,520	14,187	13,968	2,999	2,412	292	160,069	
Total^(b)			757,076	687,188	425,541	234,407	189,208	49,714	38,918	49,798	2,431,850
Persons^(b)		Under 1	39,357	35,490	22,616	9,953	9,295	2,092	1,796	2,513	123,112
	1-4	46,688	33,595	27,449	13,501	12,522	1,945	1,839	2,736	140,275	
	5-14	59,510	44,526	37,312	17,993	14,027	3,387	2,872	2,957	182,584	
	15-24	104,553	90,947	77,941	36,644	29,160	8,011	5,880	7,268	360,404	
	25-34	156,478	142,082	99,003	48,327	37,448	9,968	9,139	9,886	512,331	
	35-44	144,178	145,529	90,774	51,152	39,218	10,299	9,416	15,340	505,906	
	45-54	152,815	154,823	100,800	57,810	41,296	12,260	8,526	18,394	546,724	
	55-64	186,284	195,801	119,265	66,688	47,098	15,273	12,232	18,507	661,148	
	65-74	231,234	223,672	120,320	69,182	55,022	15,502	13,472	9,173	737,577	
	75-84	246,675	212,749	101,344	63,832	59,298	12,312	12,099	2,958	711,267	
	85 and over	98,956	71,958	35,141	23,120	23,946	5,221	3,856	526	262,724	
	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) Includes separations for which sex and/or age group were not reported.

Table 8.3: Separations^(a), by age group and sex, private hospitals, states and territories, 2007-08

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Males	Under 1	4,898	4,077	3,200	2,600	1,129	n.p.	n.p.	n.p.	16,402
	1-4	6,345	3,668	5,142	2,609	1,653	n.p.	n.p.	n.p.	20,354
	5-14	8,836	5,906	6,721	3,396	2,133	n.p.	n.p.	n.p.	28,315
	15-24	19,072	16,741	14,338	8,825	5,676	n.p.	n.p.	n.p.	67,539
	25-34	20,690	18,755	16,058	8,847	5,351	n.p.	n.p.	n.p.	72,916
	35-44	35,090	31,173	27,746	14,178	8,583	n.p.	n.p.	n.p.	121,626
	45-54	50,731	47,787	46,323	22,677	15,335	n.p.	n.p.	n.p.	190,298
	55-64	81,892	71,067	82,930	32,902	23,041	n.p.	n.p.	n.p.	303,529
	65-74	75,189	67,490	73,597	28,047	23,414	n.p.	n.p.	n.p.	277,534
	75-84	63,724	61,709	61,042	21,398	20,722	n.p.	n.p.	n.p.	236,588
	85 and over	19,122	20,729	23,033	5,985	5,824	n.p.	n.p.	n.p.	77,144
	Total^(b)	385,589	349,102	360,130	151,464	112,861	n.p.	n.p.	n.p.	1,412,245
	Females	Under 1	3,395	2,682	2,041	1,713	478	n.p.	n.p.	n.p.
1-4		3,971	2,203	3,322	1,647	1,141	n.p.	n.p.	n.p.	12,808
5-14		7,407	5,269	5,706	2,898	1,859	n.p.	n.p.	n.p.	24,226
15-24		27,629	30,778	26,285	13,458	6,567	n.p.	n.p.	n.p.	109,474
25-34		55,983	53,641	49,059	22,807	12,516	n.p.	n.p.	n.p.	203,141
35-44		65,772	69,844	55,303	26,633	15,659	n.p.	n.p.	n.p.	243,302
45-54		67,183	66,791	60,102	28,594	20,186	n.p.	n.p.	n.p.	253,464
55-64		82,220	76,933	75,038	31,094	24,795	n.p.	n.p.	n.p.	301,348
65-74		70,092	62,285	62,786	21,488	19,766	n.p.	n.p.	n.p.	244,796
75-84		66,698	59,375	58,147	17,598	19,723	n.p.	n.p.	n.p.	229,594
85 and over		21,981	23,380	22,380	6,024	8,037	n.p.	n.p.	n.p.	84,658
Total^(b)		472,331	453,181	420,169	173,954	130,727	n.p.	n.p.	n.p.	1,717,531
Persons^(b)		Under 1	8,293	6,767	5,241	4,313	1,614	n.p.	n.p.	n.p.
	1-4	10,316	5,871	8,464	4,256	2,794	n.p.	n.p.	n.p.	33,164
	5-14	16,243	11,175	12,427	6,294	3,992	n.p.	n.p.	n.p.	52,546
	15-24	46,701	47,519	40,623	22,283	12,243	n.p.	n.p.	n.p.	177,043
	25-34	76,673	72,396	65,117	31,654	17,867	n.p.	n.p.	n.p.	276,076
	35-44	100,862	101,017	83,049	40,811	24,243	n.p.	n.p.	n.p.	364,938
	45-54	117,914	114,578	106,425	51,271	35,521	n.p.	n.p.	n.p.	443,768
	55-64	164,112	148,000	157,968	63,996	47,836	n.p.	n.p.	n.p.	604,886
	65-74	145,281	129,775	136,383	49,535	43,180	n.p.	n.p.	n.p.	522,336
	75-84	130,422	121,084	119,189	38,996	40,446	n.p.	n.p.	n.p.	466,189
	85 and over	41,103	44,109	45,413	12,009	13,861	n.p.	n.p.	n.p.	161,802
	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) Includes separations for which sex and/or age group were not reported.

Table 8.4: Patient days^(a), by age group, sex and hospital sector, Australia, 2003-04 to 2007-08

Sex	Age group	Public hospitals										Private hospitals										Change 2003-04 to 2007-08 (per cent)																																																																																																								
		2003-2004					2004-2005					2005-2006					2006-2007						2007-2008																																																																																																							
		2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)	2003-04 to 2007-08 (per cent)																																																																																																										
Males	Under 1	343,032	340,994	352,775	364,900	369,674	7.8	61,258	60,582	59,652	61,154	69,085	12.8	152,965	144,126	145,785	149,051	150,974	20,887	20,861	22,850	20,861	22,850	5.1	206,389	204,490	207,996	207,215	210,075	34,596	34,495	33,769	34,241	34,241	-5.7	437,876	464,355	464,774	458,370	478,478	103,628	103,728	107,213	109,163	5.3	619,246	688,529	637,289	671,960	661,366	129,576	119,576	126,435	126,435	4.4	665,111	690,705	700,486	744,345	751,996	198,407	203,694	203,896	207,681	4.6	791,617	815,616	866,065	898,072	938,801	321,309	322,336	332,572	332,572	1.7	1,016,713	1,053,267	1,091,723	1,157,819	1,188,702	552,290	572,373	603,984	603,984	21.3	1,408,282	1,402,415	1,428,595	1,456,721	1,497,677	573,366	587,252	633,638	633,638	15.2	1,557,536	1,604,242	1,655,534	1,678,851	1,730,978	777,833	762,937	757,768	757,768	-6.3	614,192	631,750	644,004	688,389	719,234	324,283	352,874	385,380	385,380	36.3	7,812,960	8,040,503	8,195,033	8,475,698	8,697,953	3,096,230	3,147,338	3,282,797	3,282,797	9.1	
	Females	Under 1	280,205	270,901	291,960	294,930	304,458	8.7	49,177	47,763	47,673	51,310	58,742	19.5	114,982	107,880	110,996	109,558	113,800	14,148	14,479	15,391	14,479	15,391	-4.0	162,721	166,293	173,794	170,396	167,847	31,608	31,436	28,972	30,742	30,742	-2.1	573,838	568,779	572,545	591,585	582,105	179,809	179,809	182,295	192,580	8.6	967,886	987,771	1,006,466	995,924	979,988	496,960	495,407	504,184	504,184	-1.2	714,611	762,779	761,862	801,480	817,140	482,241	503,727	521,894	521,894	13.7	666,458	700,059	730,096	767,239	772,231	469,698	479,444	493,821	493,821	5.4	805,906	823,837	868,799	890,718	927,602	553,419	578,683	619,031	619,031	20.7	1,183,186	1,188,437	1,165,281	1,197,270	1,225,641	563,172	583,062	619,160	619,160	10.0	1,859,712	1,806,945	1,839,409	1,819,933	1,854,565	893,400	886,431	894,885	894,885	0.8	1,275,783	1,236,896	1,276,478	1,322,023	1,392,448	509,331	534,225	573,174	573,174	19.3	8,605,288	8,620,631	8,797,689	8,961,104	9,137,826	4,241,287	4,338,035	4,523,604	4,523,604	8.9
	Persons^(b)	Under 1	623,241	611,913	644,803	659,839	674,144	8.2	110,674	108,375	107,421	112,529	127,899	15.6	267,947	252,007	256,784	258,609	264,774	36,847	37,778	38,243	36,847	38,243	1.2	369,112	370,785	381,790	377,619	377,922	67,719	66,204	65,932	62,742	64,988	-4.0	1,011,723	1,033,135	1,037,320	1,049,956	1,060,592	281,313	287,253	289,517	301,773	7.4	1,587,140	1,676,303	1,643,775	1,667,911	1,641,432	619,267	617,943	618,090	630,638	-0.1	1,379,931	1,453,518	1,462,348	1,547,425	1,569,170	669,326	685,937	707,629	729,585	11.0	1,458,076	1,515,682	1,596,173	1,665,331	1,711,036	791,009	801,785	826,399	826,399	3.9	1,822,629	1,877,176	1,960,532	2,048,537	2,116,309	1,105,710	1,151,057	1,223,030	1,223,030	21.0	2,591,474	2,590,974	2,593,908	2,654,001	2,723,318	1,136,540	1,170,315	1,252,804	1,252,804	12.6	3,417,292	3,411,835	3,494,943	3,499,354	3,585,548	1,671,233	1,649,371	1,652,660	1,652,660	-2.6	1,889,975	1,868,802	1,920,482	2,010,412	2,111,682	833,614	887,102	958,554	958,554	25.6	16,418,541	16,662,156	16,993,026	17,439,088	17,835,945	7,166,456	7,337,627	7,485,477	7,485,477	9.0

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

(b) Includes separations for which sex and/or age group were not reported.

Table 8.5: Patient days^(a), by age group and sex, public hospitals, states and territories, 2007-08

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total	
Males	Under 1	111,412	102,085	68,343	32,839	30,711	8,109	6,831	9,344	369,674	
	1-4	50,590	33,020	28,017	15,318	12,991	2,632	1,984	6,422	150,974	
	5-14	69,974	47,539	41,556	22,377	15,000	3,787	3,725	6,117	210,075	
	15-24	151,194	101,262	107,057	56,902	37,985	8,656	6,746	8,674	478,476	
	25-34	241,914	136,285	134,243	66,959	46,448	13,862	9,955	11,700	661,366	
	35-44	248,479	173,893	141,454	74,623	70,651	13,269	10,984	18,643	751,996	
	45-54	324,851	209,898	180,796	85,434	79,352	21,596	16,503	20,371	938,801	
	55-64	388,632	296,583	222,822	111,303	96,755	29,720	21,693	21,194	1,188,702	
	65-74	516,285	389,957	256,497	125,190	132,705	36,332	23,832	16,879	1,497,677	
	75-84	622,561	463,757	248,329	144,111	178,076	36,880	27,074	10,190	1,730,978	
	85 and over	272,131	183,194	94,741	58,511	84,337	15,013	9,041	2,266	719,234	
	Total^(b)	2,998,023	2,137,473	1,523,855	793,567	785,011	189,856	138,368	131,800	8,697,953	
	Females	Under 1	92,247	79,586	59,727	27,730	25,111	6,353	5,825	7,879	304,458
		1-4	39,890	24,965	21,351	11,084	8,833	1,578	1,452	4,647	113,800
5-14		55,355	39,278	33,834	17,577	11,740	2,952	2,627	4,484	167,847	
15-24		179,014	131,530	122,066	64,717	48,624	12,169	8,275	15,710	582,105	
25-34		337,606	247,494	170,352	97,698	74,607	17,466	16,736	18,029	979,988	
35-44		278,296	202,645	137,909	81,260	66,854	16,899	14,215	19,062	817,140	
45-54		246,153	193,204	139,374	78,981	66,651	16,090	12,074	19,704	772,231	
55-64		307,441	240,027	161,393	85,415	73,367	25,595	14,790	19,574	927,602	
65-74		435,815	327,572	187,645	103,839	109,333	29,234	21,182	11,021	1,225,641	
75-84		697,129	484,922	256,420	145,753	199,306	39,966	25,057	6,012	1,854,565	
85 and over		559,682	339,262	178,885	122,664	145,930	26,561	16,828	2,636	1,392,448	
Total^(b)		3,228,629	2,310,485	1,468,956	836,718	830,356	194,863	139,061	128,758	9,137,826	
Persons^(b)		Under 1	203,662	181,671	128,078	60,569	55,822	14,462	12,656	17,224	674,144
		1-4	90,480	57,985	49,368	26,402	21,824	4,210	3,436	11,069	264,774
	5-14	125,329	86,817	75,390	39,954	26,740	6,739	6,352	10,601	377,922	
	15-24	330,219	232,792	229,123	121,619	86,609	20,825	15,021	24,384	1,060,592	
	25-34	579,596	383,779	304,597	164,657	121,055	31,328	26,691	29,729	1,641,432	
	35-44	526,809	376,538	279,363	155,883	137,505	30,168	25,199	37,705	1,569,170	
	45-54	571,004	403,102	320,170	164,415	146,003	37,690	28,577	40,075	1,711,036	
	55-64	696,078	536,610	384,215	196,718	170,122	55,315	36,483	40,768	2,116,309	
	65-74	952,100	717,529	444,142	229,029	242,038	65,566	45,014	27,900	2,723,318	
	75-84	1,319,690	948,684	504,749	289,864	377,382	76,846	52,131	16,202	3,585,548	
	85 and over	831,813	522,456	273,626	181,175	230,267	41,574	25,869	4,902	2,111,682	
	Total^(b)	6,226,798	4,447,963	2,992,821	1,630,285	1,615,367	384,723	277,429	260,559	17,835,945	

(a) Patient days 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) Includes patient days for which sex and/or age group were not reported.

Table 8.6: Patient days^(a), by age group and sex, private hospitals, states and territories, 2007-08

Sex	Age group	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total	
Males	Under 1	20,370	18,075	16,813	7,358	3,497	n.p.	n.p.	n.p.	69,085	
	1-4	6,750	3,975	6,469	2,975	1,683	n.p.	n.p.	n.p.	22,850	
	5-14	11,446	6,855	8,480	3,725	2,279	n.p.	n.p.	n.p.	34,241	
	15-24	30,842	30,826	21,899	13,017	8,191	n.p.	n.p.	n.p.	109,163	
	25-34	36,027	36,428	25,505	14,716	8,537	n.p.	n.p.	n.p.	126,435	
	35-44	60,020	54,720	47,313	22,767	14,301	n.p.	n.p.	n.p.	207,681	
	45-54	87,517	89,511	78,873	36,257	27,303	n.p.	n.p.	n.p.	332,572	
	55-64	163,491	142,675	165,204	59,819	48,150	n.p.	n.p.	n.p.	603,984	
	65-74	163,781	161,222	170,450	60,403	54,941	n.p.	n.p.	n.p.	633,638	
	75-84	187,951	201,816	207,135	73,284	60,285	n.p.	n.p.	n.p.	757,768	
	85 and over	89,590	101,133	117,408	38,232	27,025	n.p.	n.p.	n.p.	385,380	
	<i>Total^(b)</i>	<i>857,785</i>	<i>847,236</i>	<i>865,549</i>	<i>332,553</i>	<i>256,192</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>3,282,797</i>
	Females	Under 1	17,979	15,354	14,172	5,983	2,559	n.p.	n.p.	n.p.	58,742
		1-4	5,031	2,360	4,357	1,894	1,169	n.p.	n.p.	n.p.	15,391
5-14		10,623	6,226	7,334	3,367	1,975	n.p.	n.p.	n.p.	30,742	
15-24		51,977	54,745	41,342	24,029	10,359	n.p.	n.p.	n.p.	192,580	
25-34		139,450	132,957	112,384	60,613	33,112	n.p.	n.p.	n.p.	504,184	
35-44		137,149	160,426	108,979	58,489	33,077	n.p.	n.p.	n.p.	521,894	
45-54		127,783	137,381	113,102	53,771	40,186	n.p.	n.p.	n.p.	493,821	
55-64		164,869	166,397	147,470	61,874	53,103	n.p.	n.p.	n.p.	619,031	
65-74		169,242	164,201	153,840	57,046	52,161	n.p.	n.p.	n.p.	619,160	
75-84		240,900	242,440	227,984	73,904	79,165	n.p.	n.p.	n.p.	894,885	
85 and over		139,643	161,564	153,907	49,264	50,892	n.p.	n.p.	n.p.	573,174	
<i>Total^(b)</i>		<i>1,204,646</i>	<i>1,244,051</i>	<i>1,084,871</i>	<i>450,234</i>	<i>357,758</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>4,523,604</i>
Persons^(b)		Under 1	38,349	33,473	30,985	13,341	6,084	n.p.	n.p.	n.p.	127,899
		1-4	11,781	6,335	10,826	4,869	2,852	n.p.	n.p.	n.p.	38,243
	5-14	22,069	13,081	15,814	7,092	4,254	n.p.	n.p.	n.p.	64,988	
	15-24	82,819	85,571	63,241	37,046	18,550	n.p.	n.p.	n.p.	301,773	
	25-34	175,477	169,385	137,889	75,329	41,649	n.p.	n.p.	n.p.	630,638	
	35-44	197,169	215,146	156,292	81,256	47,379	n.p.	n.p.	n.p.	729,585	
	45-54	215,300	226,892	191,975	90,028	67,489	n.p.	n.p.	n.p.	826,399	
	55-64	328,360	309,072	312,674	121,693	101,253	n.p.	n.p.	n.p.	1,223,030	
	65-74	333,023	325,423	324,290	117,449	107,102	n.p.	n.p.	n.p.	1,252,804	
	75-84	428,851	444,256	435,119	147,188	139,451	n.p.	n.p.	n.p.	1,652,660	
	85 and over	229,233	262,697	271,315	87,496	77,917	n.p.	n.p.	n.p.	958,554	
	<i>Total^(b)</i>	<i>2,062,431</i>	<i>2,091,331</i>	<i>1,950,420</i>	<i>782,787</i>	<i>613,980</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>7,806,573</i>

(a) Patient days 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) Includes patient days for which sex and/or age group were not reported.

Table 8.7: Separations^(a), by Indigenous status^(b) and hospital sector, states and territories, 2007–08

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Sub-total—			
									NSW, Vic, Qld, WA, SA, NT ^(c)	NT	Total	
Public hospitals												
Aboriginal but not Torres Strait Islander origin	50,936	11,142	52,425	41,970	16,920	2,412	1,732	60,111	233,504	237,648		
Torres Strait Islander but not Aboriginal origin	1,069	303	9,299	173	327	89	18	347	11,518	11,625		
Aboriginal and Torres Strait Islander origin	1,131	906	3,161	543	85	110	111	1,105	6,931	7,152		
<i>Indigenous Australians</i>	53,136	12,351	64,885	42,666	17,332	2,611	1,861	61,563	251,953	256,425		
Neither Aboriginal nor Torres Strait Islander origin	1,399,247	1,327,050	749,576	415,516	339,248	91,216	77,705	28,687	4,259,324	4,428,245		
Not reported	14,354	11,771	17,504	0	11,750	2,443	1,561	8	55,387	59,391		
<i>Total</i>	1,466,737	1,351,172	831,965	458,202	368,330	96,270	81,127	90,258	4,566,664	4,744,061		
Private hospitals												
Aboriginal but not Torres Strait Islander origin	625	315	2,950	11,866	887	n.p.	n.p.	n.p.	16,643	17,157		
Torres Strait Islander but not Aboriginal origin	58	73	838	202	187	n.p.	n.p.	n.p.	1,358	1,389		
Aboriginal and Torres Strait Islander origin	370	231	632	63	40	n.p.	n.p.	n.p.	1,336	1,469		
<i>Indigenous Australians</i>	1,053	619	4,420	12,131	1,114	n.p.	n.p.	n.p.	19,337	20,015		
Neither Aboriginal nor Torres Strait Islander origin	843,085	791,528	701,790	313,287	228,226	n.p.	n.p.	n.p.	2,877,916	2,969,724		
Not reported	13,782	10,144	74,089	0	14,257	n.p.	n.p.	n.p.	112,272	140,146		
<i>Total</i>	857,920	802,291	780,299	325,418	243,597	n.p.	n.p.	n.p.	3,009,525	3,129,885		
All hospitals												
Aboriginal but not Torres Strait Islander origin	51,561	11,457	55,375	53,836	17,807	n.p.	n.p.	n.p.	250,147	254,805		
Torres Strait Islander but not Aboriginal origin	1,127	376	10,137	375	514	n.p.	n.p.	n.p.	12,876	13,014		
Aboriginal and Torres Strait Islander origin	1,501	1,137	3,793	606	125	n.p.	n.p.	n.p.	8,267	8,621		
<i>Indigenous Australians</i>	54,189	12,970	69,305	54,817	18,446	n.p.	n.p.	n.p.	271,290	276,440		
Neither Aboriginal nor Torres Strait Islander origin	2,242,332	2,118,578	1,451,366	728,803	567,474	n.p.	n.p.	n.p.	7,137,240	7,397,969		
Not reported	28,136	21,915	91,593	0	26,007	n.p.	n.p.	n.p.	167,659	199,537		
<i>Total</i>	2,324,657	2,153,463	1,612,264	783,620	611,927	n.p.	n.p.	n.p.	7,576,189	7,873,946		
Separation rate ^(d) for Indigenous Australians per 1,000	565.5	683.5	867.7	1,184.7	1,000.1	n.p.	n.p.	1,670.7	915.8	n.p.		
Separation rate ^(d) for Other Australians per 1,000	320.0	396.3	374.2	354.2	350.2	n.p.	n.p.	227.9	356.8	n.p.		
Separation rate ^(d) for all persons per 1,000	323.2	397.2	382.3	371.3	357.2	n.p.	n.p.	497.2	364.3	n.p.		
Rate ratio ^(e)	1.8	1.7	2.3	3.3	2.9	n.p.	n.p.	7.3	2.6	n.p.		

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

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

(c) The subtotal includes data only for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only), for which the quality of Indigenous identification is considered acceptable for the purposes of analysis. Caution should be used in the interpretation of these data because of jurisdictional differences in data quality.

(d) Rates per 1,000 population were directly age-standardised as detailed in Appendix 1, and separation rate for *Other Australians* includes Indigenous status *Not reported*.

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

Table 8.8: Overnight separations^(a), by Indigenous status^(b) and hospital sector, states and territories, 2007–08

	Sub-total—										Total
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	NSW, Vic, Qld, WA, SA, NT ^(c)		
Public hospitals											
Aboriginal but not Torres Strait Islander origin	26,784	4,604	23,226	20,883	7,476	1,202	603	18,356	101,329	101,329	103,134
Torres Strait Islander but not Aboriginal origin	482	124	3,434	62	138	59	12	114	4,354	4,354	4,425
Aboriginal and Torres Strait Islander origin	694	458	1,544	226	64	55	60	272	3,258	3,258	3,373
<i>Indigenous Australians</i>	27,960	5,186	28,204	21,171	7,678	1,316	675	18,742	108,941	108,941	110,932
Neither Aboriginal nor Torres Strait Islander origin	790,762	572,711	387,070	201,591	191,043	42,974	35,718	15,529	2,158,706	2,158,706	2,237,398
Not reported	8,798	6,197	8,920	0	5,794	1,468	948	5	29,714	29,714	32,130
<i>Total</i>	827,520	584,094	424,194	222,762	204,515	45,758	37,341	34,276	2,297,361	2,297,361	2,380,460
Private hospitals											
Aboriginal but not Torres Strait Islander origin	172	123	671	151	357	n.p.	n.p.	n.p.	1,474	1,474	1,733
Torres Strait Islander but not Aboriginal origin	21	58	262	6	15	n.p.	n.p.	n.p.	362	362	381
Aboriginal and Torres Strait Islander origin	110	74	79	21	29	n.p.	n.p.	n.p.	313	313	377
<i>Indigenous Australians</i>	303	255	1,012	178	401	n.p.	n.p.	n.p.	2,149	2,149	2,491
Neither Aboriginal nor Torres Strait Islander origin	265,750	278,443	239,134	114,899	88,213	n.p.	n.p.	n.p.	986,439	986,439	1,026,465
Not reported	3,256	2,840	17,269	0	3,704	n.p.	n.p.	n.p.	27,069	27,069	35,828
<i>Total</i>	269,309	281,538	257,415	115,077	92,318	n.p.	n.p.	n.p.	1,015,657	1,015,657	1,064,784
All hospitals											
Aboriginal but not Torres Strait Islander origin	26,956	4,727	23,897	21,034	7,833	n.p.	n.p.	n.p.	102,803	102,803	104,867
Torres Strait Islander but not Aboriginal origin	503	182	3,696	68	153	n.p.	n.p.	n.p.	4,716	4,716	4,806
Aboriginal and Torres Strait Islander origin	804	532	1,623	247	93	n.p.	n.p.	n.p.	3,571	3,571	3,750
<i>Indigenous Australians</i>	28,263	5,441	29,216	21,349	8,079	n.p.	n.p.	n.p.	111,090	111,090	113,423
Neither Aboriginal nor Torres Strait Islander origin	1,056,512	851,154	626,204	316,490	279,256	n.p.	n.p.	n.p.	3,145,145	3,145,145	3,263,863
Not reported	12,054	9,037	26,189	0	9,498	n.p.	n.p.	n.p.	56,783	56,783	67,958
Total	1,096,829	865,632	681,609	337,839	296,833	n.p.	n.p.	n.p.	3,313,018	3,313,018	3,445,244
Separation rate ^(d) for Indigenous Australians per 1,000	265.1	244.1	309.0	377.3	387.9	n.p.	n.p.	368.0	312.5	312.5	n.p.
Separation rate ^(d) for Other Australians per 1,000	151.4	159.5	159.6	155.5	170.9	n.p.	n.p.	127.5	157.2	157.2	n.p.
Separation rate ^(d) for all persons per 1,000	153.2	159.9	162.8	161.7	173.8	n.p.	n.p.	185.5	160.1	160.1	n.p.
Rate ratio ^(e)	1.8	1.5	1.9	2.4	2.3	n.p.	n.p.	2.9	2.0	2.0	n.p.

(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 the jurisdictions. See the text of *Chapter 8* and *Appendix 1* for further detail.

(c) The subtotal includes data for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only), for which the quality of Indigenous identification is considered acceptable for the purposes of analysis. Caution should be used in the interpretation of these data because of jurisdictional differences in data quality.

(d) Rates per 1,000 population were directly age-standardised as detailed in *Appendix 1*, and separation rate for *Other Australians* includes Indigenous status *Not reported*.

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

Table 8.9: Separations^(a), by Indigenous status^(b), age group and sex, all hospitals, selected states and territories^(c), 2007-08

Age group	Indigenous Australians			Other Australians ^(d)			Total		
	Males	Females	Persons ^(e)	Males	Females	Persons ^(e)	Males	Females	Persons ^(e)
Under 1	5,307	3,954	9,261	78,763	57,408	136,191	84,070	61,362	145,452
1-4	5,683	4,440	10,123	93,451	64,618	158,069	99,134	69,058	168,192
5-14	6,981	5,388	12,369	122,383	91,704	214,087	129,364	97,092	226,456
15-24	8,188	19,525	27,713	188,218	299,948	488,169	196,406	319,473	515,882
25-34	11,664	21,376	33,040	209,145	514,739	723,891	220,809	536,115	756,931
35-44	21,859	24,610	46,469	305,768	483,930	789,704	327,627	508,540	836,173
45-54	24,478	28,052	52,530	431,343	467,774	899,117	455,821	495,826	951,647
55-64	20,919	27,646	48,565	620,909	546,078	1,166,990	641,828	573,724	1,215,555
65-74	10,396	12,942	23,338	647,328	542,091	1,189,419	657,724	555,033	1,212,757
75 and over	3,799	4,083	7,882	765,978	773,273	1,539,253	769,777	777,356	1,547,135
Total^{(c)(e)}	119,274	152,016	271,290	3,463,286	3,841,564	7,304,899	3,582,560	3,993,580	7,576,189

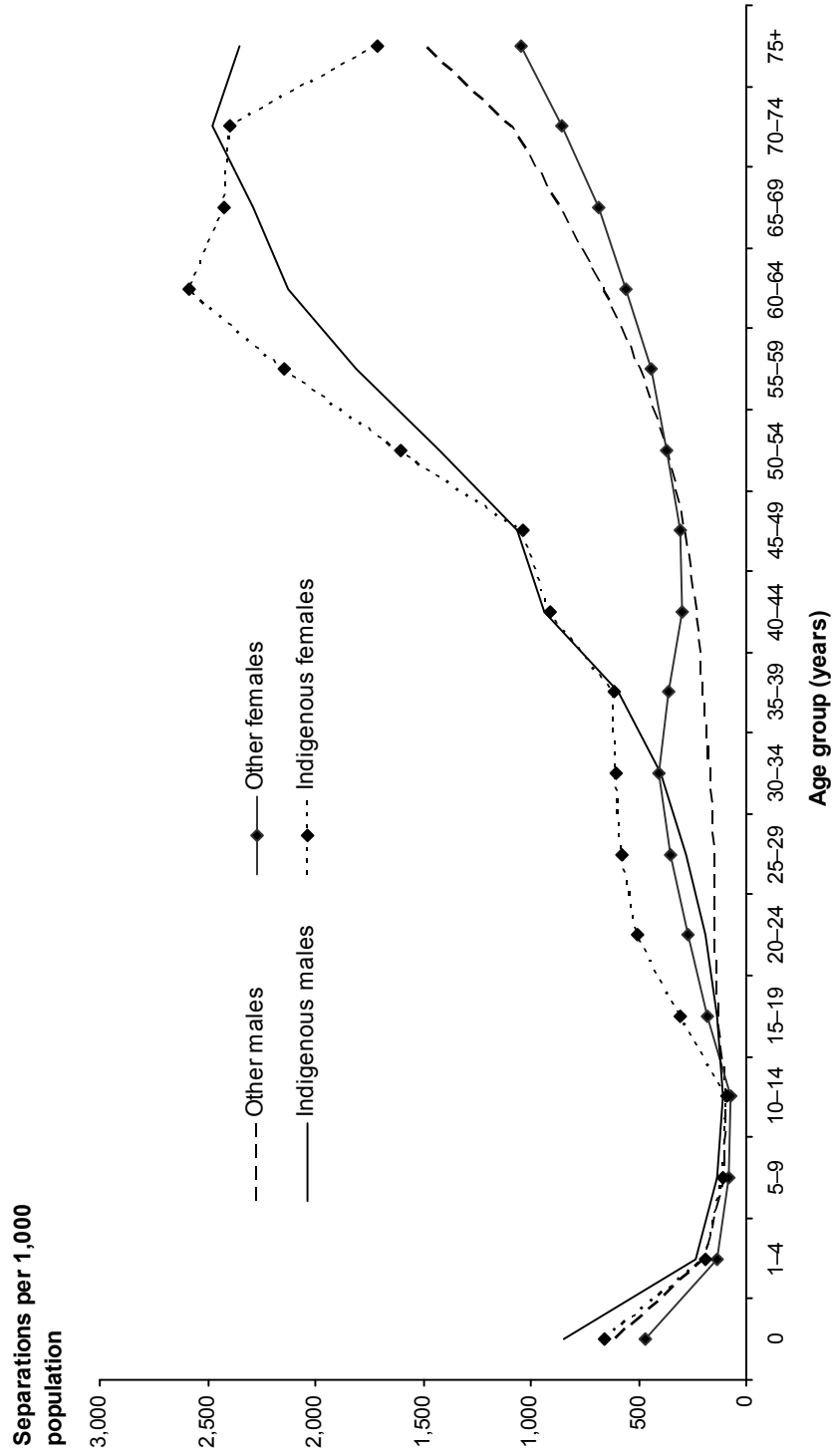
(a) Separations for which the care type was reported as *Newborn* with no qualified days, and records for *Hospital boarders* and *Posthumous organ procurement* have been excluded.

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

(c) The table includes data only for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only), for which the quality of Indigenous identification is considered acceptable for the purposes of analysis. Caution should be used in the interpretation of these data due to jurisdictional differences in data quality.

(d) The *Other Australians* category includes separations for which Indigenous status was not reported.

(e) Includes separations for which sex and/or age group were not reported.



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. Separations per 1,000 population for *Other males* and *Other females* include separations for which Indigenous status was *Not reported*.
3. The figure includes data for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory (public hospitals only), for which the quality of Indigenous identification is considered acceptable for the purposes of analysis. Caution should be used in the interpretation of these data due to jurisdictional differences in data quality.
4. The figure contains crude rates based on 30 June 2007 estimated resident populations.

Figure 8.1: Separations per 1,000 population, by age group, sex and reported Indigenous status, all hospitals, selected states and territories, 2007-08

Table 8.10: Separations^(a), by selected country/region of birth and hospital sector, Australia, 2007-08

Country/region	Separations			Public hospital separations (percent)
	Public hospitals	Private hospitals	All hospitals	
<i>Oceania (total)</i>	3,516,654	2,418,623	5,935,277	59.3
Australia	3,380,807	2,362,368	5,743,175	58.9
New Zealand	88,617	44,502	133,119	66.6
Fiji	17,044	4,675	21,719	78.5
Samoa	9,068	364	9,432	96.1
<i>North-west Europe (total)</i>	406,176	261,498	667,674	60.8
United Kingdom & Ireland	318,471	206,676	525,147	60.6
Germany	35,969	22,366	58,335	61.7
Netherlands	29,364	17,045	46,409	63.3
<i>Southern and Eastern Europe (total)</i>	355,896	139,967	495,863	71.8
Italy	108,270	59,481	167,751	64.5
Greece	71,486	19,783	91,269	78.3
Poland	21,092	10,671	31,763	66.4
Malta	23,110	7,749	30,859	74.9
Croatia	22,225	7,324	29,549	75.2
<i>Middle East and North Africa (total)</i>	95,182	28,254	123,436	77.1
Lebanon	35,260	7,499	42,759	82.5
Egypt	16,157	7,591	23,748	68.0
<i>South-east Asia (total)</i>	109,417	46,773	156,190	70.1
Vietnam	35,444	10,399	45,843	77.3
Philippines	27,458	8,259	35,717	76.9
Malaysia	12,308	12,172	24,480	50.3
<i>North-east Asia (total)</i>	52,456	36,464	88,920	59.0
China ^(v)	27,181	13,990	41,171	66.0
Hong Kong and Macau	6,774	9,385	16,159	41.9
<i>Southern and Central Asia (total)</i>	58,720	28,276	86,996	67.5
India	30,502	16,937	47,439	64.3
Sri Lanka	14,549	7,939	22,488	64.7
<i>The Americas (total)</i>	37,952	27,122	65,074	58.3
United States of America	10,544	10,898	21,442	49.2
Canada	5,534	5,374	10,908	50.7
Chile	7,108	2,946	10,054	70.7
<i>Sub-Saharan Africa (total)</i>	39,457	28,960	68,417	57.7
South Africa	15,598	17,450	33,048	47.2
Overseas (total)	1,155,256	597,314	1,752,570	65.9
Not stated or inadequately described	72,151	113,948	186,099	38.8
Total	4,744,061	3,129,885	7,873,946	60.3

(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.

(a) Excludes Special Administrative Regions (SARs) and Taiwan Province.

Table 8.11: Selected separation statistics^(a), by same-day status, hospital sector, and state and territory of usual residence, 2007-08

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total ^(b)
All separations									
Separations	2,369,848	2,135,473	1,584,344	784,076	607,732	n.p.	n.p.	n.p.	7,836,752
Separations not within state of residence (%)	4	1	1	1	1	n.p.	n.p.	n.p.	2
Proportion of separations public patients (%)	51	55	49	57	53	n.p.	n.p.	n.p.	53
Separation rate ^(c)	326.5	390.0	370.8	366.1	352.1	n.p.	n.p.	n.p.	357.6
Standardised separation rate ratio (SRR)	0.91	1.09	1.04	1.02	0.98	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.91-0.91	1.09-1.09	1.04-1.04	1.02-1.03	0.98-0.99	n.p.	n.p.	n.p.	
Same-day separations									
Separations	1,254,402	1,277,536	915,372	447,053	314,608	n.p.	n.p.	n.p.	4,408,962
Separations not within state of residence (%)	4	1	1	1	1	n.p.	n.p.	n.p.	2
Proportion of separations public patients (%)	44	52	43	56	48	n.p.	n.p.	n.p.	48
Separation rate ^(c)	172.7	233.7	213.6	207.6	182.5	n.p.	n.p.	n.p.	201.0
Standardised separation rate ratio (SRR)	0.86	1.16	1.06	1.03	0.91	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.86-0.86	1.16-1.16	1.06-1.06	1.03-1.04	0.90-0.91	n.p.	n.p.	n.p.	
Overnight separations									
Separations	1,115,446	857,937	668,972	337,023	293,124	75,875	42,479	34,925	3,427,790
Separations not within state of residence (%)	4	1	2	1	1	3	7	9	2
Proportion of separations public patients (%)	58	58	59	58	59	55	59	90	59
Separation rate ^(c)	153.8	156.2	157.2	158.5	169.6	145.5	131.2	185.9	156.6
Standardised separation rate ratio (SRR)	0.98	1.00	1.00	1.01	1.08	0.93	0.84	1.19	
95% confidence interval of SRR	0.98-0.98	1.00-1.00	1.00-1.01	1.01-1.02	1.08-1.09	0.92-0.94	0.83-0.85	1.17-1.20	
Public hospitals									
Separations	1,487,689	1,334,517	829,329	458,664	368,057	97,221	64,431	85,780	4,726,647
Separations not within state of residence (%)	3	1	2	1	2	2	5	3	2
Proportion of separations public patients (%)	80	87	92	88	87	82	86	95	86
Separation rate ^(c)	205.7	244.7	195.1	215.3	216.2	185.9	202.1	461.3	216.8
Standardised separation rate ratio (SRR)	0.95	1.13	0.90	0.99	1.00	0.86	0.93	2.13	
95% confidence interval of SRR	0.95-0.95	1.13-1.13	0.90-0.90	0.99-1.00	0.99-1.00	0.85-0.86	0.92-0.94	2.11-2.14	
Private hospitals									
Separations	882,159	800,956	755,015	325,412	239,675	n.p.	n.p.	n.p.	3,110,105
Separations not within state of residence (%)	5	1	1	0	0	n.p.	n.p.	n.p.	2
Proportion of separations public patients (%)	1	0	3	12	1	n.p.	n.p.	n.p.	2
Separation rate ^(c)	120.8	145.3	175.6	150.9	136.0	n.p.	n.p.	n.p.	140.8
Standardised separation rate ratio (SRR)	0.86	1.03	1.25	1.07	0.97	n.p.	n.p.	n.p.	
95% confidence interval of SRR	0.86-0.86	1.03-1.03	1.24-1.25	1.07-1.08	0.96-0.97	n.p.	n.p.	n.p.	

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

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

(c) Rates per 1,000 population were directly age-standardised as detailed in *Appendix 1*.

Table 8.12: Selected separation statistics^(a), by same-day status, hospital sector, and remoteness area of usual residence, all hospitals, Australia, 2007–08

	Major cities	Inner regional	Outer regional	Remote	Very remote	Total ^(b)
All separations						
Separations	5,285,100	1,580,325	752,411	130,299	80,872	7,836,752
Proportion of separations public patients (%)	49	57	65	77	89	53
Separation rate ^(c)	359.7	355.7	364.5	426.7	540.2	361.1
Standardised separation rate ratio (SRR)	1.00	0.99	1.01	1.18	1.50	
95% confidence interval of SRR	1.00–1.00	0.98–0.99	1.01–1.01	1.18–1.19	1.49–1.51	
Same-day separations						
Separations	3,079,830	836,882	384,656	64,060	41,297	4,408,962
Proportion of separations public patients (%)	44	53	62	77	89	48
Separation rate ^(c)	210.3	186.1	183.7	204.8	278.4	202.9
Standardised separation rate ratio (SRR)	1.04	0.92	0.91	1.01	1.37	
95% confidence interval of SRR	1.04–1.04	0.92–0.92	0.90–0.91	1.00–1.02	1.36–1.39	
Overnight separations						
Separations	2,205,270	743,443	367,755	66,239	39,575	3,427,790
Proportion of separations public patients (%)	55	61	68	76	88	59
Separation rate ^(c)	149.4	169.6	180.8	221.9	261.8	158.2
Standardised separation rate ratio (SRR)	0.94	1.07	1.14	1.40	1.65	
95% confidence interval of SRR	0.94–0.95	1.07–1.07	1.14–1.15	1.39–1.41	1.64–1.67	
Public hospitals						
Separations	2,948,545	1,034,275	559,447	104,237	72,891	4,726,647
Proportion of separations public patients (%)	86	85	85	90	96	86
Separation rate ^(c)	201.4	236.2	272.8	341.5	483.6	218.9
Standardised separation rate ratio (SRR)	0.92	1.08	1.25	1.56	2.21	
95% confidence interval of SRR	0.92–0.92	1.08–1.08	1.24–1.25	1.55–1.57	2.19–2.23	
Private hospitals						
Separations	2,336,555	546,050	192,964	26,062	7,981	3,110,105
Proportion of separations public patients (%)	2	3	5	24	25	2
Separation rate ^(c)	158.3	119.5	91.7	85.2	56.6	142.2
Standardised separation rate ratio (SRR)	1.11	0.84	0.64	0.60	0.40	
95% confidence interval of SRR	1.11–1.12	0.84–0.84	0.64–0.65	0.59–0.61	0.39–0.41	

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

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

(c) Rates per 1,000 population were directly age-standardised as detailed in *Appendix 1*.

Table 8.13: Selected separation statistics^(a), by same-day status, hospital sector and quintile of socioeconomic advantage/disadvantage^(b), Australia, 2007–08

	Most disadvantaged quintile	Second most disadvantaged quintile	Middle quintile	Second most advantaged quintile	Most advantaged quintile	Total ^(c)
All separations						
Separations	1,678,063	1,592,528	1,566,217	1,469,940	1,525,555	7,836,752
Proportion of separations public patients (%)	68	59	55	47	33	53
Separation rate ^(d)	391.1	367.9	368.0	360.2	360.0	369.1
Standardised separation rate ratio (SRR)	1.06	1.00	1.00	0.98	0.98	
95% confidence interval of SRR	1.06–1.06	1.00–1.00	1.00–1.00	0.97–0.98	0.97–0.98	
Same-day separations						
Separations	898,837	852,593	883,053	848,129	924,894	4,408,962
Proportion of separations public patients (%)	64	55	52	42	29	48
Separation rate ^(d)	208.6	195.8	207.5	208.1	218.6	207.3
Standardised separation rate ratio (SRR)	1.01	0.94	1.00	1.00	1.05	
95% confidence interval of SRR	1.00–1.01	0.94–0.95	1.00–1.00	1.00–1.01	1.05–1.06	
Overnight separations						
Separations	779,226	739,935	683,164	621,811	600,661	3,427,790
Proportion of separations public patients (%)	72	64	60	54	39	59
Separation rate ^(d)	182.5	172.1	160.5	152.1	141.4	161.8
Standardised separation rate ratio (SRR)	1.13	1.06	0.99	0.94	0.87	
95% confidence interval of SRR	1.13–1.13	1.06–1.07	0.99–0.99	0.94–0.94	0.87–0.88	
Public hospitals						
Separations	1,249,980	1,077,897	981,682	797,765	615,348	4,726,647
Proportion of separations public patients (%)	89	86	86	85	80	86
Separation rate ^(d)	292.4	250.8	231.3	196.2	146.4	223.7
Standardised separation rate ratio (SRR)	1.31	1.12	1.03	0.88	0.65	
95% confidence interval of SRR	1.31–1.31	1.12–1.12	1.03–1.04	0.88–0.88	0.65–0.66	
Private hospitals						
Separations	428,083	514,631	584,535	672,175	910,207	3,110,105
Proportion of separations public patients (%)	5	3	3	2	1	2
Separation rate ^(d)	98.7	117.1	136.7	164.0	213.6	145.4
Standardised separation rate ratio (SRR)	0.68	0.81	0.94	1.13	1.47	
95% confidence interval of SRR	0.68–0.68	0.80–0.81	0.94–0.94	1.13–1.13	1.47–1.47	

(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) Based on the Australian Bureau of Statistics' SEIFA 2006 Index of Relative Advantage/Disadvantage score for the Statistical Local Area of the patient's area of usual residence.

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

(d) Rates per 1,000 population were directly age-standardised as detailed in *Appendix 1*.