

10A Public hospitals — attachment

Definitions for the indicators and descriptors in this attachment are in section 10.8 of the chapter in the *Report on Government Services 2009* (2009 Report). Data in this Report are examined by the Health Working Group, but have not been formally audited by the Secretariat. Unsourced information was obtained from the Australian, State and Territory governments.

This file is available in Adobe PDF format on the Review web page (www.pc.gov.au/gsp). Users without Internet access can contact the Secretariat to obtain these tables (details on the inside front cover of the Report).

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Table 10A.1

Table 10A.1 Separations by hospital sector and Indigenous status of patient, 2006-07 (a), (b)

Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (c)
Public hospitals									
Indigenous people	no. 50 557	11 444	60 193	42 251	17 278	np	np	57 863	239 586
Non-Indigenous people	no. 1 394 539	1 296 086	710 634	408 645	362 120	np	np	27 914	4 199 938
Not reported	no. 17 033	6 712	13 803	–	11 249	np	np	36	48 833
Total population	no. 1 462 129	1 314 242	784 630	450 896	390 647	np	np	85 813	4 488 357
Private hospitals									
Indigenous people	no. 1 138	480	3 855	8 294	457	np	np	np	14 224
Non-Indigenous people	no. 797 112	755 411	654 547	280 869	225 520	np	np	np	2 713 459
Not reported	no. 10 126	5 526	83 612	–	3 347	np	np	np	102 611
Total population	no. 808 376	761 417	742 014	289 163	229 324	np	np	np	2 830 294
Indigenous separations (% of total separations)									
Public hospitals	% 3.5	0.9	7.7	9.4	4.4	np	np	67.4	5.3
Private hospitals	% 0.1	0.1	0.5	2.9	0.2	np	np	np	0.5
All hospitals	% 2.3	0.6	4.2	6.8	2.9	np	np	np	3.5
Separations in public hospitals (% of total separations)									
Indigenous people	% 97.8	96.0	94.0	83.6	97.4	np	np	np	94.4
Non-Indigenous people	% 63.6	63.2	52.1	59.3	61.6	np	np	np	60.8

(a) Separations for which the care type was reported as newborn with no qualified days, and records for hospital boarders and posthumous organ procurement have been excluded.

(b) Identification of Indigenous patients is not considered to be complete and completeness varies among the jurisdictions.

(c) Total includes data only for NSW, Queensland, WA, SA and the NT (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. In addition, these jurisdictions are not necessarily representative of the excluded jurisdictions.

– Nil or rounded to zero. np Not published.

Source: AIHW 2008. Australian hospital statistics 2006-07. Health Services series no. 31. Cat. No. HSE 55. Canberra: AIHW; 2009 Report, table 10A.10.

Table 10A.2

Table 10A.2 **Separations per 1000 people, by Indigenous status of patient (number) (a), (b), (c)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>	<i>Total (e)</i>
2002-03										
Public hospitals										
Indigenous people	np	np	685.2	809.4	788.1	np	np	1 223.3	np	np
Total population	np	np	189.4	195.4	231.0	np	np	422.5	np	np
Private Hospitals										
Indigenous people	np	np	64.1	109.7	16.2	np	np	np	np	np
Total population	np	np	162.8	148.1	130.0	np	np	np	np	np
2003-04										
Public hospitals										
Indigenous people	np	np	710.9	789.3	853.9	np	np	1 286.2	np	np
Total population	np	np	189.3	191.0	235.9	np	np	428.9	np	np
Private Hospitals										
Indigenous people	np	np	70.7	198.3	51.2	np	np	np	np	np
Total population	np	np	167.8	149.8	124.8	np	np	np	np	np
2004-05										
Public hospitals										
Indigenous people	np	np	733.6	821.5	822.2	np	np	1 441.0	np	907.0
Total population	np	np	188.1	195.2	225.3	np	np	456.2	np	205.2
Private Hospitals (f)										
Indigenous people	np	np	np	np	np	np	np	np	np	np
Total population	np	np	np	np	np	np	np	np	np	np
2005-06										
Public hospitals										
Indigenous people	495.6	np	745.4	845.2	875.0	np	np	1 548.0	np	792.1
Total population	204.7	np	188.5	198.8	229.7	np	np	491.4	np	205.7
Private Hospitals (f)										
Indigenous people	np	np	np	np	np	np	np	np	np	np
Total population	np	np	np	np	np	np	np	np	np	np
2006-07										
Public hospitals										
Indigenous people	528.0	624.3	756.7	876.5	929.3	np	np	1 584.8	np	787.5
Total population	205.9	246.6	218.7	218.1	232.6	np	np	480.6	np	218.7
Private Hospitals (f)										
Indigenous people	np	np	np	np	np	np	np	np	np	np
Total population	np	np	np	np	np	np	np	np	np	np

(a) Directly age standardised to the Australian population at 30 June 2001.

(b) Identification of Aboriginal and Torres Strait Islander patients is not considered to be complete and completeness varies among jurisdictions. The variation in the number of Indigenous separations per 1000 Indigenous population among the states and territories suggests that there was variation in the proportion of Indigenous persons who were identified as such in the hospital morbidity data collections and/or in the total population.

Table 10A.2 Separations per 1000 people, by Indigenous status of patient (number) (a), (b), (c)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>	<i>Total (e)</i>
(c)	The quality of the data provided for Indigenous status since 2001-02 has improved due to the use of the National Health Data Dictionary definitions by all jurisdictions. It is still in need of improvement, however, the AIHW has advised that data for NSW, Victoria, Queensland, SA, WA and the NT are of acceptable quality in 2005-06. Nevertheless data for these jurisdictions should be interpreted with caution as there are jurisdictional differences in data quality and changes in hospitalisation rates for Indigenous people over time may include a component due to improved identification. Indigenous status should therefore be interpreted cautiously.									
(d)	In WA, separations for public patients at Joondalup and Peel Health Campuses are included in 2006-07 public hospitals figures but not in those for previous years.									
(e)	For 2005-06, the total rates include data only for NSW, Queensland, WA, SA, and the NT. Caution should be used in the interpretation of these data because of jurisdictional differences in data quality. It should be noted that data for these jurisdictions are not necessarily representative of the other jurisdictions.									
(f)	Data quality of Indigenous status in the private sector is considered to be unacceptable and therefore data have been suppressed for the private sector.									

na Not available. **np** Not published.

Source: AIHW (unpublished), derived from the National Hospital Morbidity Database; 2009 Report, table 10A.11.

Table 10A.3

Table 10A.3 Hospitalisations with a procedure recorded, selected principal diagnoses, by Indigenous status of patient, July 2005 – June 2007 (per cent) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
Procedures for Indigenous patients									
Neoplasms (Cancer)	87	93	86	88	92	np	np	82	87
Diseases of the blood	80	85	80	90	87	np	np	81	83
Diseases of the eye	84	90	77	81	84	np	np	73	80
Diseases of the ear	80	92	77	80	70	np	np	77	79
Diseases of the musculoskeletal system	63	79	59	66	69	np	np	64	64
Pregnancy, childbirth	59	64	55	68	65	np	np	56	59
Diseases of the digestive system	63	72	58	60	60	np	np	60	61
Endocrine, nutritional and metabolic disorders	56	68	50	62	60	np	np	72	60
Diseases of the genitourinary system	63	72	56	55	63	np	np	54	58
Injury, poisoning, external causes	55	65	52	60	55	np	np	61	57
Diseases of the skin	50	60	45	54	57	np	np	60	53
Diseases of the circulatory system	53	63	46	56	65	np	np	49	52
Infectious and parasitic diseases	19	41	21	32	33	np	np	36	28
Diseases of the nervous system	43	60	38	35	44	np	np	50	42
Diseases of the respiratory system	34	48	27	36	31	np	np	32	33
All diagnoses	62	75	67	76	73	np	np	80	72
Procedures for all other patients (d)									
Neoplasms (Cancer)	93	95	92	93	94	np	np	90	94
Diseases of the blood	90	93	91	95	93	np	np	81	92
Diseases of the eye	95	97	93	97	97	np	np	91	96
Diseases of the ear	73	83	80	80	78	np	np	76	79
Diseases of the musculoskeletal system	81	83	81	90	85	np	np	79	83
Pregnancy, childbirth	69	68	67	78	74	np	np	62	70
Diseases of the digestive system	77	78	75	85	78	np	np	78	78
Endocrine, nutritional and metabolic disorders	73	77	70	83	73	np	np	73	75
Diseases of the genitourinary system	76	79	75	83	78	np	np	72	78
Injury, poisoning, external causes	68	70	64	75	65	np	np	70	68
Diseases of the skin	61	66	60	69	72	np	np	59	64
Diseases of the circulatory system	68	67	60	72	66	np	np	59	66
Infectious and parasitic diseases	31	42	31	41	33	np	np	32	35
Diseases of the nervous system	74	73	66	82	76	np	np	76	73
Diseases of the respiratory system	52	57	49	55	48	np	np	42	53
All diagnoses	73	77	71	83	75	np	np	67	75

Table 10A.3 **Hospitalisations with a procedure recorded, selected principal diagnoses, by Indigenous status of patient, July 2005 – June 2007 (per cent) (a), (b)**

- (a) Includes all patients treated in public hospitals and public patients treated in private hospitals.
- (b) Proportions are indirectly age standardised using the age and cause specific rates of other Australians as the standard.
- (c) Includes data for NSW, Victoria, Queensland, WA, SA and NT only.
- (d) Includes non-Indigenous patients and those for whom Indigenous status was not stated.

np Not published.

Source: AIHW (unpublished), derived from the National Hospital Morbidity Database; 2009 Report, table 10A.12.

Table 10A.4 Hospitalisations with a procedure recorded, by Indigenous status of patient, July 2005 – June 2007 (per cent) (a), (b)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT NT</i> (c)	
Public hospitals and public patients (d)								
Indigenous hospitalisations with procedure reported	50	62	47	55	55	np	np	52
Hospitalisations with procedure reported for all other patients (e)	68	73	67	79	72	np	np	64
Total patients (f)								
Indigenous hospitalisations with procedure reported	51	62	49	55	56	np	np	52
Hospitalisations with procedure reported for all other patients (e)	79	80	80	85	80	np	np	64

(a) Proportions are indirectly age standardised using the age and cause specific rates of other Australians as the standard.

(b) Excludes hospitalisations with a principal diagnosis of care involving dialysis.

(c) Excludes private hospital data for NT.

(d) Includes all patients treated in public hospitals and public patients treated in private hospitals.

(e) Includes non-Indigenous patients and those for whom Indigenous status was not stated.

(f) Includes all patients in public and private hospitals.

np Not published.

Source: AIHW (unpublished), derived from the National Hospital Morbidity Database; 2008 Report, table 10A.13.

Table 10A.5 Hospitalisations with a procedure recorded, by Indigenous status of patient and remoteness, July 2005 – June 2007 (per cent) (a), (b)

	<i>Unit</i>	<i>Major cities</i>	<i>Regional areas</i>	<i>Remote areas</i>	<i>All areas (c)</i>
Public hospitals and public patients (d)					
Indigenous hospitalisations with procedure reported	%	63	51	45	51
Hospitalisations with procedure reported for all other patients (e)	%	73	68	57	71
Total patients (f)					
Indigenous hospitalisations with procedure reported	%	64	52	45	52
Hospitalisations with procedure reported for all other patients (e)	%	82	76	65	80

(a) Proportions are indirectly age standardised using the age and cause specific rates of other Australians as the standard.

(b) Excludes hospitalisations with a principal diagnosis of care involving dialysis.

(c) Includes data for NSW, Victoria, Queensland, WA, SA and NT only. Excludes private hospital data for NT.

(d) Includes all patients treated in public hospitals and public patients treated in private hospitals.

(e) Includes non-Indigenous patients and those for whom Indigenous status was not stated.

(f) Includes all patients in public and private hospitals.

Source: AIHW (unpublished), derived from the National Hospital Morbidity Database; 2009 Report, table 10A.14.

Table 10A.6

Table 10A.6 Perinatal, neonatal and fetal deaths, by Indigenous status of mother 2001–2005 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (b)
Fetal deaths										
Indigenous										
Total births (c)	no.	np	np	17 333	8 261	3 144	np	np	8 084	36 822
Fetal deaths	no.	np	np	111	55	30	np	np	77	273
Fetal death rate	per 1000 total births	np	np	6.4	6.7	9.5	np	np	9.5	7.4
Non-Indigenous										
Total births (c)	no.	np	np	223 793	109 944	82 780	np	np	10 389	426 906
Fetal deaths	no.	np	np	1 220	605	451	np	np	59	2 335
Fetal death rate	per 1000 total births	np	np	5.5	5.5	5.4	np	np	5.7	5.5
Neonatal deaths										
Indigenous										
Adjusted live births (d)	no.	np	np	17 222	8 206	3 114	np	np	8 007	36 549
Neonatal deaths	no.	np	np	103	39	13	np	np	67	222
Neonatal death rate	per 1000 live births	np	np	6.0	4.8	4.2	np	np	8.4	6.1
Non-Indigenous										
Adjusted live births (d)	no.	np	np	222 573	109 339	82 329	np	np	10 330	424 571
Neonatal deaths	no.	np	np	705	253	196	np	np	35	1 189
Neonatal death rate	per 1000 live births	np	np	3.2	2.3	2.4	np	np	3.4	2.8
Perinatal deaths										
Indigenous										
Total births (c)	no.	np	np	17 333	8 261	3 144	np	np	8 084	36 822
Perinatal deaths	no.	np	np	214	94	43	np	np	144	495
Perinatal death rate	per 1000 total births	np	np	12.3	11.4	13.7	np	np	17.8	13.4
Non-Indigenous										
Total births (c)	no.	np	np	223 793	109 944	82 780	np	np	10 389	426 906
Perinatal deaths	no.	np	np	1 925	858	647	np	np	94	3 524

Table 10A.6

Table 10A.6 Perinatal, neonatal and fetal deaths, by Indigenous status of mother 2001–2005 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (b)
Perinatal death rate	per 1000 total births	np	np	8.6	7.8	7.8	np	np	9.0	8.3

(a) Rates are expressed per 1000 total births for fetal and perinatal deaths and per 1000 adjusted live births for neonatal deaths.

(b) Total relates to the jurisdictions for which data are published.

(c) Total births is the sum of adjusted live births and fetal deaths.

(d) Live births adjusted to exclude those records where birthweight was known to be less than 400 grams.

np Not published.

Source: ABS, *Causes of Death, Cat. no. 3303.0*, Canberra (unpublished); 2009 Report, table 10A.106.