

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 2010* (2010 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, 2007-08 (a), (b)

Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total (c)
Public hospitals									
Indigenous people	no.	53 136	12 351	64 885	42 686	2 611	1 861	61 563	251 953
Non-Indigenous people	no.	1 399 247	1 327 050	749 576	415 516	91 216	77 705	28 687	4 259 324
Not reported	no.	14 354	11 771	17 504	–	2 443	1 561	8	55 387
Total population	no.	1 466 737	1 351 172	831 965	458 202	96 270	81 127	90 258	4 566 664
Private hospitals									
Indigenous people	no.	1 053	619	4 420	12 131	np	np	np	19 337
Non-Indigenous people	no.	843 085	791 528	701 790	313 287	np	np	np	2 877 916
Not reported	no.	13 782	10 144	74 089	–	np	np	np	112 272
Total population	no.	857 920	802 291	780 299	325 418	np	np	np	3 009 525
Indigenous separations (% of total separations)									
Public hospitals	%	3.6	0.9	7.8	9.3	2.7	2.3	68.2	5.5
Private hospitals	%	0.1	0.1	0.6	3.7	np	np	np	0.6
All hospitals	%	2.3	0.6	4.3	7.0	np	np	np	3.6
Separations in public hospitals (% of total separations)									
Indigenous people	%	98.1	95.2	93.6	77.9	np	np	np	92.9
Non-Indigenous people	%	62.4	62.6	51.6	57.0	np	np	np	59.7

(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.

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

(c) Total includes data only for NSW, Victoria, 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 2009, *Australian Hospital Statistics 2007-08*, Health services series no. 33. Cat no. HSE 71, AIHW, Canberra; 2010 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>Total (e)</i>
2003-04									
Public hospitals									
Indigenous people	np	np	710.9	789.3	853.9	np	np	1 286.2	np
Total population	np	np	189.3	191.0	235.9	np	np	428.9	np
Private Hospitals									
Indigenous people	np	np	70.7	198.3	51.2	np	np	np	np
Total population	np	np	167.8	149.8	124.8	np	np	np	np
2004-05									
Public hospitals									
Indigenous people	np	np	733.6	821.5	822.2	np	np	1 441.0	907.0
Total population	np	np	188.1	195.2	225.3	np	np	456.2	205.2
Private Hospitals									
Indigenous people	np	np	np	np	np	np	np	np	np
Total population	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	792.1
Total population	204.7	np	188.5	198.8	229.7	np	np	491.4	205.7
Private Hospitals (f)									
Indigenous people	np	np	np	np	np	np	np	np	np
Total population	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	787.5
Total population	205.9	246.6	218.7	218.1	232.6	np	np	480.6	218.7
Private Hospitals (f)									
Indigenous people	np	np	np	np	np	np	np	np	np
Total population	np	np	np	np	np	np	np	np	np
2007-08									
Public hospitals									
Indigenous people	550.5	629.8	785.7	869.4	908.9	np	np	1 670.6	807.7
Total population	202.8	247.8	195.7	215.1	216.4	np	np	486.4	217.6
Private Hospitals (f)									
Indigenous people	15.0	53.7	82.0	315.3	91.3	np	np	np	95.1
Total population	117.6	145.5	181.5	150.9	138.3	np	np	np	141.7

(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>Total (e)</i>
(c)	The AIHW has advised that data for NSW, Victoria, Queensland, SA, WA and the NT are of acceptable quality in 2006-07 and 2007-08. 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 from 2006-07 public hospitals figures but not in those for previous years.								
(e)	The totals include data only for NSW, Victoria, 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.								
(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.								

np Not published.

Source: AIHW (unpublished), National Hospital Morbidity Database; 2010 Report, table 10A.11.

Table 10A.3

Table 10A.3 Separations with a procedure recorded, selected principal diagnoses, by Indigenous status of patient, July 2006 – June 2008 (per cent) (a), (b), (c)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT (d)</i>	<i>Total (e)</i>
Procedures for Indigenous patients									
Neoplasms (Cancer)	87	95	84	86	91	np	np	86	87
Diseases of the blood	83	85	83	91	84	np	np	82	85
Diseases of the eye	84	92	79	77	84	np	np	78	81
Diseases of the ear	80	89	76	81	74	np	np	79	79
Diseases of the musculoskeletal system	64	81	59	70	71	np	np	62	65
Pregnancy, childbirth	59	65	54	68	66	np	np	55	59
Diseases of the digestive system	62	73	56	60	56	np	np	63	60
Endocrine, nutritional and metabolic disorders	57	66	50	66	59	np	np	74	61
Diseases of the genitourinary system	62	73	54	54	65	np	np	55	58
Injury, poisoning, external causes	55	65	52	62	56	np	np	64	58
Diseases of the skin	52	61	46	56	58	np	np	61	54
Diseases of the circulatory system	56	64	47	58	68	np	np	50	54
Infectious and parasitic diseases	22	42	21	30	30	np	np	38	29
Diseases of the nervous system	44	64	40	38	42	np	np	52	44
Diseases of the respiratory system	35	45	29	39	30	np	np	35	34
All diagnoses	64	75	67	78	74	np	np	81	73
Procedures for all other patients (f)									
Neoplasms (Cancer)	93	95	92	94	94	np	np	90	94
Diseases of the blood	91	93	91	95	92	np	np	84	92
Diseases of the eye	95	97	94	98	97	np	np	92	96
Diseases of the ear	74	82	80	81	77	np	np	75	79
Diseases of the musculoskeletal system	82	84	81	90	85	np	np	79	83
Pregnancy, childbirth	70	70	68	77	76	np	np	62	71
Diseases of the digestive system	78	77	76	85	73	np	np	78	78
Endocrine, nutritional and metabolic disorders	74	77	71	84	75	np	np	77	75
Diseases of the genitourinary system	77	79	75	82	79	np	np	74	78
Injury, poisoning, external causes	70	71	64	75	64	np	np	71	69
Diseases of the skin	62	65	59	69	71	np	np	60	64
Diseases of the circulatory system	68	68	61	73	67	np	np	61	67
Infectious and parasitic diseases	34	43	31	40	35	np	np	38	37
Diseases of the nervous system	76	75	67	83	77	np	np	77	75
Diseases of the respiratory system	53	56	49	55	48	np	np	45	53
All diagnoses	74	78	72	83	75	np	np	68	76

(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.

Table 10A.3

Table 10A.3 Separations with a procedure recorded, selected principal diagnoses, by Indigenous status of patient, July 2006 – June 2008 (per cent) (a), (b), (c)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT (d)</i>	<i>Total (e)</i>
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(c) Excludes separations with a care type of Newborn without qualified days and records for Hospital Boarders and Posthumous organ procurement.

(d) Private hospital data for NT were not previously available therefore results for NT include public hospital data only.

(e) Includes data for NSW, Victoria, Queensland, WA, SA and NT only.

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

np Not published.

Source: AIHW (unpublished), National Hospital Morbidity Database; 2010 Report, table 10A.12.

Table 10A.4

Table 10A.4 Separations with a procedure recorded, by Indigenous status of patient, July 2006 – June 2008 (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> (c)
Public hospitals and public patients (d)								
Indigenous hospitalisations with procedure reported	51	63	47	56	54	np	np	53
Hospitalisations with procedure reported for all other patients (e)	69	73	67	79	71	np	np	65
Total patients (f)								
Indigenous hospitalisations with procedure reported	52	63	50	57	56	np	np	53
Hospitalisations with procedure reported for all other patients (e)	80	80	80	85	80	np	np	65

(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. Excludes separations with a care type of Newborn without qualified days and records for Hospital Boarders and Posthumous organ procurement.

(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), National Hospital Morbidity Database; 2010 Report, table 10A.13.

Table 10A.5 Separations with a procedure recorded, by Indigenous status of patient and remoteness, July 2006 – June 2008 (per cent) (a), (b)

	<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	64	51	46	52
Hospitalisations with procedure reported for all other patients (e)	73	68	57	71
Total patients (f)				
Indigenous hospitalisations with procedure reported	65	53	46	53
Hospitalisations with procedure reported for all other patients (e)	83	77	66	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. Excludes separations with a care type of Newborn without qualified days and records for Hospital Boarders and Posthumous organ procurement.

(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), National Hospital Morbidity Database; 2010 Report, table 10A.14.

Table 10A.6

Table 10A.6 Perinatal, neonatal and fetal deaths, 2003–2007 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Fetal deaths (b)										
Indigenous										
Total all births (c)	no.	17 251	na	18 593	9 279	3 515	na	na	7 892	62 993
Fetal deaths	no.	89	na	155	79	25	na	na	108	481
Fetal death rate	per 1000 total births	5.2	na	8.3	8.5	7.1	na	na	13.7	7.6
Non-Indigenous (d)										
Total all births (c)	no.	420 818	na	247 081	124 387	87 324	na	na	10 882	1 261 838
Fetal deaths	no.	2 322	na	1 662	826	509	na	na	76	7 990
Fetal death rate	per 1000 total births	5.5	na	6.7	6.6	5.8	na	na	7.0	6.3
Neonatal deaths (e)										
Indigenous										
Total live births (f)	no.	17 162	na	18 438	9 200	3 490	na	na	7 784	62 512
Neonatal deaths	no.	82	na	111	47	16	na	na	74	349
Neonatal death rate	per 1000 live births	4.8	na	6.0	5.1	4.6	na	na	9.5	5.6
Non-Indigenous (d)										
Total live births (f)	no.	418 496	na	245 419	123 561	86 815	na	na	10 806	1 253 848
Neonatal deaths	no.	1 358	na	823	279	207	na	na	30	3 961
Neonatal death rate	per 1000 live births	3.2	na	3.4	2.3	2.4	na	na	2.8	3.2
Perinatal deaths (g)										
Indigenous										
Total all births (c)	no.	17 251	na	18 593	9 279	3 515	na	na	7 892	62 993
Perinatal deaths	no.	171	na	266	126	41	na	na	182	830
Perinatal death rate	per 1000 total births	9.9	na	14.3	13.6	11.7	na	na	23.1	13.2
Non-Indigenous (d)										
Total all births (c)	no.	420 818	na	247 081	124 387	87 324	na	na	10 882	1 261 838
Perinatal deaths	no.	3 680	na	2 485	1 105	716	na	na	106	11 951

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Table 10A.6

Table 10A.6 Perinatal, neonatal and fetal deaths, 2003–2007 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Perinatal death rate	per 1000 total births	8.7	na	10.1	8.9	8.2	na	na	9.7	9.5

(a) Perinatal deaths (including fetal and neonatal deaths) for years 1999-2007 have been subject to a revision of scope rules. See *ABS Perinatal Deaths, Australia, 2007* (cat. no. 3304.0) Explanatory Notes 18-20 for further information.

(b) Fetal death (stillbirth) is the birth of a child who did not at any time after delivery breathe or show any other evidence of life, such as a heartbeat. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(c) Total all births is the number of live births and fetal deaths combined. Fetal deaths by definition include only infants of a gestational age of at least 20 weeks or weighing at least 400 grams.

(d) Non-Indigenous includes Indigenous status not stated.

(e) A neonatal death is the death within 28 days of birth of a child who after delivery, breathes or shows any evidence of life such as a heartbeat.

(f) Total live births are all live births registered in the calendar year.

(g) Perinatal deaths are fetal and neonatal deaths combined. Fetal deaths exclude those records where gestational age was less than 20 weeks or birthweight was known to be less than 400 grams.

na Not available.

Source: ABS Perinatal deaths, Australia, Cat. no. 3304.0, Canberra (unpublished); 2010 Report, table 10A.106.