

# 10A Effective environmental health systems — attachment

The tables in this file accompany the Report, *Overcoming Indigenous Disadvantage: Key Indicators 2007*, prepared by the Steering Committee for the Review of Government Service Provision. Background and definitions are available in the Report, which is available on the Review website ([www.pc.gov.au/gsp](http://www.pc.gov.au/gsp)).

This file is available in both Microsoft Excel and Adobe PDF formats on the Review website ([www.pc.gov.au/gsp](http://www.pc.gov.au/gsp)). Users without Internet access can contact the Secretariat to obtain these tables (details inside the front cover of the Report).

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Table 10A.1.1

Table 10A.1.1 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in NT 2004-05 (a) (b) (c)

	0-14 years			15-24 years			25-44 years			45-64 years			65 years old and over			All ages (d)	
	Male		Total	Male		Total	Male		Total	Male		Total	Male		Total	Male	Female
	Female			Female			Female			Female			Female				
<b>Indigenous</b>																	
Intestinal infectious diseases (A00-A09)	211.9	188.8	200.6	5.1	10.8	7.9	15.2	15.6	15.4	25.4	24.8	25.1	31.6	87.0	63.1	58.6	61.0
Tuberculosis (A15-A19)	0.5	0.6	0.6	0.3	1.0	0.7	3.6	1.6	2.5	12.4	1.6	6.7	14.4	2.2	7.4	6.4	1.5
Bacterial disease (A20-A49)	24.4	22.1	23.3	12.7	15.0	13.8	63.9	64.2	64.1	131.2	128.9	130.0	198.3	263.1	235.2	85.8	91.8
Diphtheria (A36)	0.4	0.4	0.4	-	-	-	-	0.5	0.2	2.4	-	1.1	-	-	-	0.5	0.2
Whooping cough (A37)	4.8	2.5	3.7	-	0.3	0.2	0.3	1.4	0.8	0.6	1.1	0.8	2.9	-	1.2	1.7	1.2
Meningococcal infection (A39)	2.0	1.7	1.8	-	0.7	0.3	-	0.7	0.4	-	-	0.0	-	-	-	0.4	0.6
Trachoma (A71)	0.2	0.4	0.3	-	0.3	0.2	-	0.2	0.1	-	1.1	0.6	-	2.2	1.2	-	0.6
Acute hepatitis A (B15)	0.7	-	0.4	-	-	-	0.3	0.2	0.2	-	-	-	-	-	-	0.2	0.1
Acute hepatitis B (B16)	-	0.2	0.1	0.7	1.7	1.2	2.8	2.8	2.8	0.6	1.6	1.1	-	-	-	1.0	1.4
Scabies (B86)	51.0	47.8	49.4	5.1	15.0	10.0	23.1	32.1	27.8	36.0	50.2	43.5	66.1	63.1	64.4	35.1	41.0
Acute rheumatic fever (I00-I02)	6.1	7.0	6.5	4.1	5.6	4.8	0.8	4.7	2.8	0.0	1.1	0.6	0.0	0.0	0.0	2.0	3.9
Chronic rheumatic heart diseases (I05-I09)	2.7	3.4	3.0	4.8	9.4	7.1	6.9	10.5	8.7	4.1	11.1	7.8	0.0	2.2	1.2	4.1	8.0
Acute upper respiratory infections (J00-J06)	88.8	64.9	77.2	10.6	23.7	17.1	13.2	26.8	20.3	11.2	33.8	23.2	8.6	58.7	37.1	26.8	40.9
Influenza and pneumonia (J10-J18)	96.9	93.4	95.2	24.6	34.1	29.3	136.2	116.4	125.9	217.5	205.5	211.2	431.1	343.5	381.2	171.8	152.9
Asthma (J45)	61.0	52.3	56.8	6.5	17.1	11.7	12.7	42.1	28.0	18.9	99.3	61.4	28.7	76.1	55.7	26.3	59.1
Lung disease due to external agents (J60-J70)	1.1	1.9	1.5	0.3	0.3	0.3	7.1	2.8	4.9	7.7	1.6	4.5	20.1	13.0	16.1	7.5	3.6
Pneumonitis due to solids and liquids (J62-J68)	0.9	1.5	1.2	0.3	0.3	0.3	7.1	2.8	4.9	7.1	1.6	4.2	20.1	8.7	13.6	7.3	3.1
Toxic effects of metals (T56)	-	-	-	-	-	-	-	-	-	0.6	-	0.3	-	-	-	0.2	-

Table 10A.1.1

Table 10A.1.1 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in NT 2004-05 (a) (b) (c)

	0-14 years			15-24 years			25-44 years			45-64 years			65 years old and over			All ages (d)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	<i>Non-Indigenous (e)</i>																	
Intestinal infectious diseases (A00-A09)	62.1	57.8	60.0	7.2	11.9	9.5	6.6	10.2	8.4	7.0	8.0	7.5	22.6	25.3	24.1	20.5	21.8	21.1
Tuberculosis (A15-A19)	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.3	0.4	1.5	0.8	1.1	0.5	0.3	0.4
Bacterial disease (A20-A49)	9.7	7.7	8.7	5.4	5.0	5.2	7.5	6.1	6.8	21.9	15.0	18.5	105.9	69.9	86.3	23.7	16.0	19.6
Diphtheria (A36)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0
Whooping cough (A37)	0.8	1.1	0.9	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.4
Meningococcal infection (A39)	0.5	0.2	0.4	0.6	0.4	0.5	—	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Trachoma (A71)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute hepatitis A (B15)	—	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	—	0.1	0.1	0.1	0.1
Acute hepatitis B (B16)	—	—	—	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.1	0.2	0.3	0.1	0.1	0.2	0.1	0.1
Scabies (B86)	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.1	0.2	0.9	0.7	0.8	0.3	0.2	0.2
Acute rheumatic fever (I00-I02)	0.2	—	0.1	0.1	0.1	0.1	—	—	—	—	—	—	—	0.1	0.1	0.1	—	—
Chronic rheumatic heart diseases (I05-I09)	0.1	—	—	0.1	0.1	0.1	0.1	0.2	0.2	1.4	1.4	1.4	5.2	6.3	5.8	1.0	1.2	1.1
Acute upper respiratory infections (J00-J06)	58.8	39.5	49.4	11.6	18.2	14.8	6.5	8.5	7.5	3.5	4.4	4.0	7.8	9.9	8.9	17.8	15.6	16.7
Influenza and pneumonia (J10-J18)	27.6	24.4	26.0	6.3	6.5	6.4	10.5	10.4	10.5	21.3	19.2	20.2	132.0	96.4	112.6	32.0	25.0	28.1
Asthma (J45)	54.7	32.6	43.9	6.0	11.3	8.6	4.6	10.3	7.5	4.9	12.6	8.7	7.0	16.6	12.2	15.7	16.4	16.1
Lung disease due to external agents (J60-J70)	1.1	0.6	0.8	0.4	0.3	0.3	0.8	0.4	0.6	2.1	0.9	1.5	17.6	8.4	12.6	3.3	1.5	2.3
Pneumonitis due to solids and liquids (J62-J68)	0.8	0.5	0.6	0.4	0.2	0.3	0.7	0.4	0.6	1.9	0.8	1.4	15.2	7.7	11.1	2.9	1.3	2.0
Toxic effects of metals (T56)	0.1	—	—	0.1	0.2	0.2	—	0.1	0.1	—	—	—	—	—	—	—	0.1	0.1

Table 10A.1.1

Table 10A.1.1 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in NT 2004-05 (a) (b) (c)

	0-14 years		15-24 years		25-44 years		45-64 years		65 years old and over		All ages (d)							
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total						
All Australians																		
Intestinal infectious diseases (A00-A09)	72.7	67.0	69.9	7.0	11.9	9.4	6.9	10.4	8.6	7.3	8.3	7.8	22.7	25.9	24.4	22.9	23.9	23.4
Tuberculosis (A15-A19)	0.1	0.2	0.1	0.3	0.2	0.3	0.4	0.4	0.4	0.7	0.3	0.5	1.6	0.9	1.2	0.6	0.4	0.5
Bacterial disease (A20-A49)	10.7	8.7	9.7	5.8	5.6	5.7	9.5	8.4	8.9	23.9	17.3	20.6	106.7	71.6	87.6	25.1	17.8	21.2
Diphtheria (A36)	—	—	—	—	—	—	—	—	—	0.1	—	—	—	—	—	—	—	—
Whooping cough (A37)	1.0	1.2	1.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4
Meningococcal infection (A39)	0.6	0.3	0.5	0.5	0.4	0.5	—	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.2
Trachoma (A71)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	—	—	—	—
Acute hepatitis A (B15)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	—	0.1	0.1	0.1	0.1
Acute hepatitis B (B16)	—	—	—	0.1	0.2	0.2	0.4	0.3	0.3	0.2	0.1	0.2	0.3	0.1	0.1	0.2	0.2	0.2
Scabies (B86)	3.8	3.5	3.6	0.3	0.9	0.6	0.9	1.4	1.2	0.9	1.1	1.0	1.5	1.2	1.3	1.5	1.7	1.6
Acute rheumatic fever (I00-I02)	0.6	0.5	0.5	0.3	0.4	0.3	—	0.2	0.1	—	—	—	—	0.1	0.1	0.2	0.2	0.2
Chronic rheumatic heart diseases (I05-I09)	0.3	0.2	0.2	0.3	0.6	0.4	0.4	0.6	0.5	1.5	1.6	1.5	5.2	6.2	5.7	1.2	1.5	1.3
Acute upper respiratory infections (J00-J06)	60.9	41.3	51.4	11.5	18.5	14.9	6.7	9.2	8.0	3.6	5.0	4.3	7.8	10.3	9.2	18.3	16.4	17.4
Influenza and pneumonia (J10-J18)	32.5	29.3	30.9	7.3	8.0	7.6	15.0	14.5	14.8	24.8	23.0	23.9	134.5	98.6	114.9	35.6	28.7	31.7
Asthma (J45)	55.2	33.9	44.8	6.0	11.6	8.7	4.9	11.5	8.2	5.1	14.3	9.7	7.2	17.1	12.6	15.9	17.6	16.8
Lung disease due to external agents (J60-J70)	1.1	0.7	0.9	0.4	0.3	0.3	1.0	0.5	0.8	2.2	0.9	1.6	17.6	8.5	12.6	3.4	1.6	2.4
Pneumonitis due to solids and liquids (J62-J68)	0.8	0.6	0.7	0.4	0.2	0.3	1.0	0.5	0.7	2.0	0.8	1.4	15.3	7.7	11.2	3.0	1.4	2.1
Toxic effects of metals (T56)	0.1	—	—	0.1	0.2	0.1	—	0.1	0.1	0.1	—	—	—	—	—	—	0.1	0.1

(a) Any diagnosis was used to select the infectious diseases (ICD-10-AM codes A00-B99), principal diagnosis was used to select the other conditions.

(b) Based on state of usual residence.

(c) Identification of Indigenous patients is incomplete and completeness varies across jurisdictions. The AIHW has advised that only data for Queensland, WA, SA and the NT are considered to be acceptable for analytical purposes. Data for NSW, Victoria, Tasmania and the ACT were withheld by AIHW due to high rates of Indigenous under-identification (see including cases where Indigenous status is 'Not stated').

(d) Including cases where Indigenous status is 'Not stated'.

(e) Directly age standardised using the 2001 Australian population.

— Nil or rounded to zero.

Source: Australian Institute of Health and Welfare, National hospital morbidity database (unpublished).

Table 10A.1.2

**Table 10A.1.2 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in the NT, 2001–2004 (a) (b) (c)**

	0–14 years	15–24 years	25–44 years	45–64 years	65 years old and	All ages (e)
<b>2001-02</b>						
<b>Indigenous</b>						
Intestinal infectious diseases (A00-A09)	265.8	10.6	16.4	28.5	81.5	76.5
Bacterial disease (A20-A49)	26.1	18.7	59.4	138.3	214.0	83.9
Scabies (B86)	72.6	12.7	32.6	43.8	87.9	47.6
Acute upper respiratory infections (J00-J06)	90.0	18.1	18.7	19.4	31.9	34.5
Influenza and pneumonia (J10-J18)	138.0	40.4	118.6	179.5	289.2	149.6
Asthma (J45)	53.4	10.6	26.9	56.9	67.5	42.5
<b>Non-Indigenous (d)</b>						
Intestinal infectious diseases (A00-A09)	64.0	9.8	9.1	9.3	24.7	22.6
Bacterial disease (A20-A49)	11.8	5.2	6.7	17.7	76.4	18.9
Scabies (B86)	0.4	0.1	0.2	0.3	1.0	0.4
Acute upper respiratory infections (J00-J06)	57.1	14.1	7.1	3.6	8.4	17.8
Influenza and pneumonia (J10-J18)	31.2	7.1	12.6	21.0	111.3	30.1
Asthma (J45)	38.6	10.9	8.1	9.8	13.6	15.9
<b>2002-03</b>						
<b>Indigenous</b>						
Intestinal infectious diseases (A00-A09)	254.7	8.2	12.8	26.3	66.8	70.2
Bacterial disease (A20-A49)	28.7	17.8	58.9	129.3	203.1	82.1
Scabies (B86)	52.8	8.7	26.3	42.9	53.0	36.7
Acute upper respiratory infections (J00-J06)	94.8	15.8	18.3	26.0	45.4	38.5
Influenza and pneumonia (J10-J18)	132.9	39.0	111.2	189.7	377.1	159.7
Asthma (J45)	51.1	8.0	27.9	57.4	84.5	43.8

Table 10A.1.2

**Table 10A.1.2 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in the NT, 2001–2004 (a) (b) (c)**

	0–14 years	15–24 years	25–44 years	45–64 years	65 years old and	All ages (e)
<b>Non-Indigenous (d)</b>						
Intestinal infectious diseases (A00-A09)	64.5	9.2	8.3	7.9	22.6	21.9
Bacterial disease (A20-A49)	10.4	4.9	6.2	17.1	77.3	18.3
Scabies (B86)	0.3	0.1	0.1	0.2	1.2	0.3
Acute upper respiratory infections (J00-J06)	53.3	13.7	7.2	3.8	9.3	17.2
Influenza and pneumonia (J10-J18)	30.8	6.2	11.4	20.8	115.2	29.9
Asthma (J45)	37.3	9.8	7.8	9.1	12.0	15.1
<b>2003-04</b>						
<b>Indigenous</b>						
Intestinal infectious diseases (A00-A09)	236.4	10.2	13.0	25.0	52.5	65.0
Bacterial disease (A20-A49)	19.9	16.1	61.5	136.7	232.7	89.2
Scabies (B86)	47.3	8.2	22.4	34.8	51.3	32.2
Acute upper respiratory infections (J00-J06)	94.2	19.4	19.6	19.2	38.8	37.0
Influenza and pneumonia (J10-J18)	135.0	40.7	117.6	199.1	341.5	160.7
Asthma (J45)	58.0	14.7	33.0	58.9	65.1	45.5
<b>Non-Indigenous (d)</b>						
Intestinal infectious diseases (A00-A09)	65.3	9.4	8.4	8.2	25.2	22.6
Bacterial disease (A20-A49)	9.2	5.4	8.2	19.6	79.7	19.6
Scabies (B86)	0.2	0.1	0.1	0.2	1.0	0.3
Acute upper respiratory infections (J00-J06)	53.7	14.4	7.4	3.8	8.8	17.5
Influenza and pneumonia (J10-J18)	33.1	7.3	11.3	20.4	115.1	30.4
Asthma (J45)	44.4	10.9	7.6	8.5	12.4	16.6

Table 10A.1.2

**Table 10A.1.2 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), age standardised, by gender, age and Indigenous status, Qld, WA, SA, and public hospitals in the NT, 2001–2004 (a) (b) (c)**

	0–14 years	15–24 years	25–44 years	45–64 years	65 years old and	All ages (e)
<b>2004-05</b>						
<b>Indigenous</b>						
Intestinal infectious diseases (A00-A09)	200.6	7.9	15.4	25.1	63.1	60.3
Bacterial disease (A20-A49)	23.3	13.8	64.1	130.0	235.2	89.2
Scabies (B86)	49.4	10.0	27.8	43.5	64.4	38.1
Acute upper respiratory infections (J00-J06)	77.2	17.1	20.3	23.2	37.1	34.8
Influenza and pneumonia (J10-J18)	95.2	29.3	125.9	211.2	381.2	161.3
Asthma (J45)	56.8	11.7	28.0	61.4	55.7	43.9
<b>Non-Indigenous (d)</b>						
Intestinal infectious diseases (A00-A09)	60.0	9.5	8.4	7.5	24.1	21.1
Bacterial disease (A20-A49)	8.7	5.2	6.8	18.5	86.3	19.6
Scabies (B86)	0.2	0.1	0.1	0.2	0.8	0.2
Acute upper respiratory infections (J00-J06)	49.4	14.8	7.5	4.0	8.9	16.7
Influenza and pneumonia (J10-J18)	26.0	6.4	10.5	20.2	112.6	28.1
Asthma (J45)	43.9	8.6	7.5	8.7	12.2	16.1

(a) Any diagnosis was used to select the infectious diseases (ICD-10-AM codes A00-B99), principal diagnosis was used to select the other conditions.

(b) Based on state of usual residence.

(c) Identification of Indigenous patients is incomplete and completeness varies across jurisdictions. The AIHW has advised that only data for Queensland, WA, SA and the NT are considered to be acceptable for analytical purposes. Data for NSW, Victoria, Tasmania and the ACT were withheld by AIHW due to high rates of Indigenous under-identification (see chapter 2 and appendix 4 for more information).

(d) Including cases where Indigenous status is 'Not stated'.

(e) Directly age standardised using the 2001 Australian population.

Source: Australian Institute of Health and Welfare, National hospital morbidity database (unpublished).



Table 10A.1.3

**Table 10A.1.3 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), by gender, age and Indigenous status 2001–2005, Qld, WA, SA, and public hospitals in NT(a) (b) (c) (d)**

	2001-02			2002-03			2003-04			2004-05		
	Male		Total	Male		Total	Male		Total	Male		Total
	Female			Female			Female			Female		
<b>Indigenous</b>												
Intestinal infectious diseases (A00-A09)	74.1	78.0	76.5	70.4	69.6	70.2	65.9	63.5	65.0	58.6	61.0	60.3
Tuberculosis (A15-A19)	5.2	6.1	5.6	3.0	4.8	4.0	4.6	5.8	5.3	6.4	1.5	3.7
Bacterial disease (A20-A49)	88.3	80.5	83.9	79.9	83.6	82.1	91.5	87.4	89.2	85.8	91.8	89.2
Diphtheria (A36)	0.4	0.4	0.4	0.4	0.1	0.3	0.5	0.5	0.5	0.5	0.2	0.4
Whooping cough (A37)	0.9	1.7	1.3	0.6	0.4	0.5	0.3	0.4	0.3	1.7	1.2	1.4
Meningococcal infection (A39)	0.8	0.9	0.8	0.6	0.7	0.7	0.9	0.9	0.9	0.4	0.6	0.5
Trachoma (A71)	0.6	1.2	0.9	0.7	1.5	1.1	0.7	0.7	0.7	–	0.6	0.4
Acute hepatitis A (B15)	0.5	0.6	0.5	0.9	0.7	0.8	0.9	0.5	0.7	0.2	0.1	0.1
Acute hepatitis B (B16)	2.1	1.6	1.8	2.8	1.4	2.0	2.9	1.9	2.3	1.0	1.4	1.2
Scabies (B86)	46.7	48.5	47.6	34.6	38.3	36.7	29.8	34.1	32.2	35.1	41.0	38.1
Acute rheumatic fever (I00-I02)	3.6	4.4	4.0	2.5	4.5	3.5	2.3	3.7	3.0	2.0	3.9	3.0
Chronic rheumatic heart diseases (I05-I09)	4.1	8.8	6.5	4.2	8.1	6.2	4.2	9.1	6.7	4.1	8.0	6.1
Acute upper respiratory infections (J00-J06)	33.1	35.1	34.5	32.0	43.6	38.5	36.5	37.3	37.0	26.8	40.9	34.8
Influenza and pneumonia (J10-J18)	174.3	128.8	149.6	172.3	149.5	159.7	173.3	149.3	160.7	171.8	152.9	161.3
Asthma (J45)	26.6	56.0	42.5	26.4	58.6	43.8	29.8	59.1	45.5	26.3	59.1	43.9
Lung disease due to external agents (J60-J70)	8.0	2.5	5.0	12.0	3.6	7.3	7.4	1.5	4.2	7.5	3.6	5.4
Pneumonitis due to solids and liquids (J69)	8.0	2.4	4.9	11.1	3.5	6.9	7.4	1.5	4.1	7.3	3.1	5.0
Toxic effects of metals (T56)	0.1	–	–	0.1	–	–	1.1	0.3	0.7	0.2	–	0.1

Table 10A.1.3

**Table 10A.1.3 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), by gender, age and Indigenous status 2001–2005, Qld, WA, SA, and public hospitals in NT(a) (b) (c) (d)**

	2001-02			2002-03			2003-04			2004-05		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Non-Indigenous (e)</b>												
Intestinal infectious diseases (A00-A09)	21.7	23.5	22.6	21.4	22.3	21.9	21.7	23.3	22.6	20.5	21.8	21.1
Tuberculosis (A15-A19)	0.6	0.4	0.5	0.4	0.3	0.4	0.5	0.3	0.4	0.5	0.3	0.4
Bacterial disease (A20-A49)	22.4	15.9	18.9	21.7	15.5	18.3	21.3	15.3	18.0	23.7	16.0	19.6
Diphtheria (A36)	–	–	–	–	–	–	–	–	–	–	–	–
Whooping cough (A37)	0.5	0.5	0.5	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4
Meningococcal infection (A39)	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2
Trachoma (A71)	–	–	–	–	–	–	–	–	–	–	–	–
Acute hepatitis A (B15)	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Acute hepatitis B (B16)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
Scabies (B86)	0.4	0.3	0.4	0.4	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2
Acute rheumatic fever (I00-I02)	0.1	–	0.1	0.1	0.1	0.1	–	0.1	–	0.1	–	–
Chronic rheumatic heart diseases (I05-I09)	0.9	1.1	1.0	1.0	1.1	1.1	0.9	1.1	1.0	1.0	1.2	1.1
Acute upper respiratory infections (J00-J06)	19.4	16.2	17.8	18.6	15.8	17.2	18.9	15.9	17.5	17.8	15.6	16.7
Influenza and pneumonia (J10-J18)	34.2	26.9	30.1	34.0	26.7	29.9	33.8	27.6	30.4	32.0	25.0	28.1
Asthma (J45)	14.8	16.8	15.9	14.0	15.9	15.1	16.0	17.0	16.6	15.7	16.4	16.1
Lung disease due to external agents (J60-J70)	3.2	1.3	2.1	3.1	1.5	2.2	3.2	1.7	2.4	3.3	1.5	2.3
Pneumonitis due to solids and liquids (J69)	2.8	1.1	1.8	2.7	1.3	1.9	2.9	1.5	2.1	2.9	1.3	2.0
Toxic effects of metals (T56)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	–	0.1	0.1

Table 10A.1.3

**Table 10A.1.3 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), by gender, age and Indigenous status 2001–2005, Qld, WA, SA, and public hospitals in NT(a) (b) (c) (d)**

	2001-02			2002-03			2003-04			2004-05		
	Male		Total	Male		Total	Male		Total	Male		Total
	Female			Female			Female			Female		
<b>All Australians</b>												
Intestinal infectious diseases (A00-A09)	24.9	26.6	25.8	24.4	25.1	24.8	24.6	25.7	25.2	22.9	23.9	23.4
Tuberculosis (A15-A19)	0.7	0.6	0.6	0.5	0.4	0.5	0.6	0.5	0.5	0.6	0.4	0.5
Bacterial disease (A20-A49)	23.9	17.6	20.4	23.2	17.2	19.9	22.8	16.9	19.6	25.1	17.8	21.2
Diphtheria (A36)	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough (A37)	0.5	0.6	0.5	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.5	0.4
Meningococcal infection (A39)	0.5	0.4	0.4	0.5	0.4	0.5	0.5	0.3	0.4	0.3	0.2	0.2
Trachoma (A71)	—	—	—	—	—	—	—	—	—	—	—	—
Acute hepatitis A (B15)	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Acute hepatitis B (B16)	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Scabies (B86)	2.1	2.1	2.1	1.7	1.6	1.7	1.5	1.5	1.5	1.5	1.7	1.6
Acute rheumatic fever (I00-I02)	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Chronic rheumatic heart diseases (I05-I09)	1.0	1.4	1.2	1.1	1.4	1.2	1.0	1.4	1.2	1.2	1.5	1.3
Acute upper respiratory infections (J00-J06)	20.1	16.8	18.5	19.2	16.8	18.1	19.7	16.8	18.3	18.3	16.4	17.4
Influenza and pneumonia (J10-J18)	38.4	30.3	33.9	38.0	30.5	33.8	37.9	31.4	34.3	35.6	28.7	31.7
Asthma (J45)	15.2	17.7	16.6	14.4	16.9	15.8	16.3	18.2	17.3	15.9	17.6	16.8
Lung disease due to external agents (J60-J70)	3.3	1.3	2.2	3.2	1.5	2.3	3.4	1.7	2.4	3.4	1.6	2.4
Pneumonitis due to solids and liquids (J69)	2.9	1.2	1.9	2.9	1.3	2.0	3.0	1.5	2.2	3.0	1.4	2.1
Toxic effects of metals (T56)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	—	0.1	0.1

Table 10A.1.3

**Table 10A.1.3 Hospitalisation rates on selected types of environmentally based diseases (per 10 000 population), by gender, age and Indigenous status 2001–2005, Qld, WA, SA, and public hospitals in NT(a) (b) (c) (d)**

	2001-02			2002-03			2003-04			2004-05		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total

(a) Any diagnosis was used to select the infectious diseases (ICD-10-AM codes A00–B99), principal diagnosis was used to select the other conditions.

(b) Based on state of usual residence.

(c) Directly age standardised using the 2001 Australian population.

(d) Identification of Indigenous patients is incomplete and completeness varies across jurisdictions. The AIHW has advised that only data for Queensland, WA, SA and the NT are considered to be acceptable for analytical purposes. Data for NSW, Victoria, Tasmania and the ACT were withheld by AIHW due to high rates of Indigenous under-identification (see chapter 2 and appendix 4 for more information).

(e) Including cases where Indigenous status is 'Not stated'.

– Nil or rounded to zero.

Source: Australian Institute of Health and Welfare, National hospital morbidity database (unpublished).

Table 10A.1.4

**Table 10A.1.4 Deaths from diseases associated with poor environmental health (per 100 000 population), age standardised, 2001-2005 (a), (b)**

	<i>Indigenous</i>			<i>Non-Indigenous</i>			<i>Total</i>		
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
QLD	115.3	108.9	112.7	23.0	27.2	25.1	24.1	28.2	26.2
WA	147.9	165.6	157.0	21.8	25.2	23.5	23.4	26.5	24.9
SA	139.3	198.0	168.0	36.3	42.9	39.6	37.8	44.6	41.2
NT	222.2	237.0	230.4	33.1	21.0	28.8	65.7	67.3	66.9

- (a) Care should be exercised when using these data as the rates are based on a small number of deaths.
- (b) Calculations of rates for the Indigenous population are based on ABS Experimental Projections, Aboriginal and Torres Strait Islander Australians (low series, 2001 base). There are no comparable population data for the non-Indigenous population. Calculations of rates for the non-Indigenous population are based on data derived by subtracting Indigenous population projections from total population estimates and should be used with care.

Source ABS *Causes of Death 2005*, Cat. no. 3303.0 (unpublished).

Table 10A.2.1

**Table 10A.2.1 Main source of drinking water, discrete Indigenous communities, by remoteness area, 2001, 2006 (a) (b)**

	Non-remote		Remote		Very remote		All communities	
	2001	2006	2001	2006	2001	2006	2001	2006
<i>Water supply</i>	no.	no.	no.	no.	no.	no.	no.	no.
<i>Main source of drinking water</i>								
Connected to town supply (c)	54	57	62	57	70	95	186	209
Bore water	13	10	27	21	744	663	784	694
Rain water tank(s)	2	2	7	7	44	32	53	41
River/reservoir etc	7	6	5	3	87	48	99	57
Well or spring	1	–	4	2	46	37	51	39
Carted water	np	–	np	12	np	15	np	27
Other organised water supply	–	–	4	–	18	3	22	3
No organised water supply	–	–	–	1	21	8	21	9
<b>All communities (d)</b>	<b>77</b>	<b>75</b>	<b>109</b>	<b>104</b>	<b>1 030</b>	<b>1 008</b>	<b>1 216</b>	<b>1 187</b>
							<b>100.0</b>	<b>100.0</b>

(a) Data not collected in 'administered' communities with a population of fewer than 50.

(b) In the previous 12 months.

(c) Connected to a drinking water supply from a separate nearby town that is not a discrete Indigenous community.

(d) Includes 'not stated' responses.

**np** Not published. – Nil or rounded to zero.Source: ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0.

Table 10A.2.2

**Table 10A.2.2 Water restrictions and interruptions, in discrete Indigenous communities, by reported usual population 2006**  
**(a) (b)**

<i>Communities with a population of:</i>									
	<i>Less than 50</i>	<i>50–99</i>	<i>100–199</i>	<i>200–499</i>	<i>500–999</i>	<i>1000 or more</i>	<i>Total communities with 50 or more</i>	<i>All Reported usual communities</i>	<i>population</i>
<b>Water restrictions</b>									
<i>Experienced water restrictions</i>									
Drought	no.	7	8	12	4	1	2	27	34
Normal dry season	no.	–	4	4	6	3	3	20	20
Lack of storage containment	no.	–	3	2	2	2	2	11	11
Poor water quality	no.	–	4	3	–	–	1	8	8
Other reason	no.	3	4	5	4	1	2	16	19
Total communities experienced water restrictions (c)	no.	8	19	21	14	7	7	68	76
Proportion of communities experienced water restrictions	%	0.9	15.4	22.8	19.7	36.8	41.2	21.1	6.4
<i>Did not experience water restriction</i>	no.	46	97	68	57	12	10	244	290
Proportion of communities that did not experience water restrictions	%	5.3	78.9	73.9	80.3	63.2	58.8	75.8	24.4
									61.5

Table 10A.2.2

**Table 10A.2.2 Water restrictions and interruptions, in discrete Indigenous communities, by reported usual population 2006**  
**(a) (b)**

<i>Communities with a population of:</i>									
	<i>Less than 50</i>	<i>50–99</i>	<i>100–199</i>	<i>200–499</i>	<i>500–999</i>	<i>1000 or more</i>	<i>Total communities with 50 or more</i>	<i>All Reported usual communities</i>	<i>population</i>
<b>Water interruptions</b>									
<i>Experienced water interruption</i>									
Equipment breakdown	no. 14	38	38	39	9	7	131	145	36 139
Ran out of water	no. 2	6	5	4	2	–	17	19	3 879
Poor water quality	no. –	3	3	2	2	–	10	10	2 706
Lack of power	no. –	3	6	4	4	1	18	18	6 825
Planned interruption	no. 4	18	18	16	5	5	62	66	18 943
Other water interruption	no. 3	2	1	4	1	1	9	12	3 235
Total communities experienced water interruptions (c)	no. 17	52	47	45	12	9	165	182	44 563
Proportion of communities experienced water interruptions	% 2.0	42.3	51.1	63.4	63.2	52.9	51.2	15.3	47.9
<i>Did not experience water interruption</i>	no. 37	64	42	26	7	8	147	184	38 167
Proportion of communities that did not experience water interruptions	% 4.3	52.0	45.7	36.6	36.8	47.1	45.7	15.5	41.1
<b>Frequency of water interruptions</b>									
Once	no. 4	8	9	6	1	1	25	29	5 366
Twice	no. 2	13	8	13	1	1	36	38	7 403
Three times	no. 4	8	8	5	–	1	22	26	4 178
Four times	no. 2	4	7	3	2	2	18	20	6 325
Five times or more	no. 5	19	15	18	8	4	64	69	21 291
<b>All communities</b>	<b>no. 865</b>	<b>123</b>	<b>92</b>	<b>71</b>	<b>19</b>	<b>17</b>	<b>322</b>	<b>1 187</b>	<b>92 960</b>



Table 10A.2.2

# **Table 10A.2.2 Water restrictions and interruptions, in discrete Indigenous communities, by reported usual population 2006** **(a) (b)**

Communities with a population of:						
Less than 50	50–99	100–199	200–499	500–999	1000 or more	Total communities with 50 or more
						All Reported usual communities population

- (a) Data not collected in 'administered' communities with a population of fewer than 50.
- (b) In the previous 12 months.
- (c) Components may not add to totals as more than one response may be specified.
- Nil or rounded to zero.

Source : ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0.

Table 10A.2.3

Table 10A.2.3 Testing of drinking water in discrete Indigenous communities, by reported usual population, 2006 (a)

Communities with a population of:									
	Less than 50	50-99	100-199	200-499	500-999	1000 or more	Total communities with 50 or more	All communities	Reported usual population
Water sent away for testing (b)									
Drinking water failed testing	no.	5	10	15	12	4	43	48	12 059
Drinking water did not fail testing	no.	10	27	21	27	9	90	100	29 104
Total communities water sent away for testing (c)	no.	15	42	38	45	13	149	164	50 043
Drinking water not sent away for testing (b)	no.	10	22	6	6	1	35	45	4 796
<b>All communities</b>	no.	<b>865</b>	<b>123</b>	<b>92</b>	<b>71</b>	<b>19</b>	<b>322</b>	<b>1 187</b>	<b>92 960</b>
Connected to town supply	no.	81	53	46	19	4	128	209	28 084
Communities not connected to town supply	no.	784	70	46	52	15	194	978	64 876
Proportion of communities not connected to town supply where drinking water was tested and failed testing	%	33.3	23.8	39.5	26.7	30.8	28.9	29.3	24.1

(a) In the previous 12 months.

(b) Excludes communities connected to town supply. Data not collected in 'administered' communities with a population of fewer than 50.

(c) Total includes don't know if failed testing.

– Nil or rounded to zero.

Source: ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0.

Table 10A.2.4

Table 10A.2.4 Type of sewerage systems in discrete Indigenous communities, by remoteness area, 2001, 2006 (a)

Type of sewerage system	Non-remote		Remote		Very remote		All communities			
	2001		2006		2001		2001		2006	
	no.	no.	no.	no.	no.	no.	no.	%	no.	%
Connected to town system	38	43	26	30	25	48	89	7.3	121	10.2
Community water-borne system	7	10	10	9	79	89	96	7.9	108	9.1
Septic tanks with common effluent disposal	16	12	15	7	73	82	104	8.6	101	8.5
Septic tanks with leach drain	14	13	46	57	537	523	597	49.1	593	50.0
Pit toilets	–	–	7	7	217	195	224	18.4	202	17.0
Pan toilets	–	–	2	–	1	1	3	0.2	1	0.1
Other organised sewerage system	–	–	–	–	12	9	12	1.0	9	0.8
No organised sewerage system	2	3	3	2	86	20	91	7.5	25	2.1
<b>All communities (a), (b)</b>	<b>77</b>	<b>75</b>	<b>109</b>	<b>104</b>	<b>1 030</b>	<b>1 008</b>	<b>1 216</b>	<b>100.0</b>	<b>1 187</b>	<b>100.0</b>

(a) Data not collected in 'administered' communities with a population of fewer than 50.

(b) Includes 'not stated' responses.

– Nil or rounded to zero.

Source: ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0.

Table 10A.2.5

**Table 10A.2.5 Sewerage system overflows or leakages in discrete Indigenous communities, by usual population, 2006 (a) (b)**

<i>Communities with a population of:</i>									
	Less than 50	50–99	100–199	200–499	500–999	1000 or more	Total communities with 50 or more	All communities	Reported usual population
<b>Sewerage system overflows or leakages</b>									
Reason for overflows or leakages									
Blocked drains	no.	7	28	29	23	7	1	88	19 527
Equipment failure	no.	3	18	19	15	4	3	59	14 970
Insufficient capacity of septic system	no.	2	14	6	3	2	1	26	5 360
Wet season	no.	1	3	6	8	2	2	21	7 070
Population increases	no.	–	8	10	2	1	1	22	4 722
Design or installation problems	no.	3	15	15	7	2	1	40	7 614
Inappropriate use	no.	–	7	7	10	7	1	32	10 837
Other	no.	1	–	–	4	–	–	4	968
Total communities experienced overflows or leakages (c)	no.	12	41	45	30	10	4	130	30 140
Proportion of communities that experienced overflows or leakages	%	1.4	33.3	48.9	42.3	52.6	23.5	40.4	32.4
Total communities experienced no overflows or leakages									
Proportion of communities that did not experience overflows or leakages	%	38	74	44	41	9	13	181	52461
	%	4.4	60.2	47.8	57.7	47.4	76.5	56.2	56.4
<b>All communities</b>	<b>no.</b>	<b>865</b>	<b>123</b>	<b>92</b>	<b>71</b>	<b>19</b>	<b>17</b>	<b>322</b>	<b>92 960</b>

(a) Data not collected in 'administered' communities with a population of fewer than 50.

(b) In the previous 12 months.

(c) Components may not add to totals as more than one response may be specified.

– Nil or rounded to zero.

Source: ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0.

Table 10A.2.6

**Table 10A.2.6 Frequency of sewerage system overflows or leakages in discrete Indigenous communities, by State and Territory, 2006 (a) (b)**

	<i>NSW</i>	<i>Vic/Tas</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>NT</i>	<i>Australia</i>	<i>Proportion of frequency (c)</i>
<i>Sewerage system overflows or leakages</i>	no.	no.	no.	no.	no.	no.	no.	%
Frequency of overflows or leakages								
1–4 times	5	1	8	6	21	41	82	57.7
5–9 times	4	–	7	4	8	6	29	20.4
10–14 times	1	–	–	2	2	8	13	9.2
15–19 times	2	–	1	–	1	–	4	2.8
20 times or more	–	1	2	2	4	5	14	9.9
<b>All communities</b>	<b>57</b>	<b>3</b>	<b>124</b>	<b>91</b>	<b>271</b>	<b>641</b>	<b>1 187</b>	<b>100.0</b>

(a) Data not collected in 'administered' communities with a population of fewer than 50.

(b) In the previous 12 months.

(c) The proportion of frequency has been derived from the 142 communities that experienced system overflows or leakages in the previous 12 months.

– Nil or rounded to zero.

Source: ABS 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no 4710.0.

Table 10A.3.1

# Table 10A.3.1      Persons living in overcrowded households, by Indigenous status, 2002, 2004-05

Overcrowding of households	Torres Strait Islander (a)				Aboriginal				Total Indigenous			
	Estimate		Proportion		Estimate		Proportion		Estimate		Proportion	
	'000	%	%	RSE	'000	%	%	RSE	'000	%	%	RSE
<b>People of all ages, whether in overcrowded households</b>												
2004-05												
Living in overcrowded households (b)	15.6	30.8	12.3		112.7	26.6	4.2		128.3	27.0	3.9	
Not living in overcrowded households	34.6	68.4	5.5		308.0	72.7	1.5		342.5	72.2	1.4	
<b>Total</b>	<b>50.5</b>	<b>100.0</b>	–		<b>423.8</b>	<b>100.0</b>	–		<b>474.3</b>	<b>100.0</b>	–	
<b>People aged 15 years and over, whether in overcrowded households</b>												
2002												
Living in overcrowded households (b)	8.7	29.3	20.8		63.8	25.3	4.6		72.6	25.7	4.7	
Not living in overcrowded households	21.1	70.7	8.6		188.6	74.7	1.6		209.7	74.3	1.6	
<b>Total</b>	<b>29.8</b>	<b>100.0</b>	–		<b>252.4</b>	<b>100.0</b>	–		<b>282.2</b>	<b>100.0</b>	–	
2004-05												
Living in overcrowded households(b)	8.6	28.0	14.8		64.8	24.6	4.3		73.4	25.0	3.9	
Not living in overcrowded households	21.8	71.0	5.8		195.7	74.4	1.4		217.5	74.1	1.3	
<b>Total</b>	<b>30.7</b>	<b>100.0</b>	–		<b>263.0</b>	<b>100.0</b>	–		<b>293.6</b>	<b>100.0</b>	–	

Table 10A.3.1

# Table 10A.3.1      **Persons living in overcrowded households, by Indigenous status, 2002, 2004-05**

<b>Bedrooms and persons per bedroom</b>		<b>Torres Strait Islander (a)</b>		<b>Aboriginal</b>		<b>Total Indigenous</b>	
		no.		no.		no.	
<b>People of all ages, bedrooms and persons per bedroom</b>							
2004-05							
	Average number of bedrooms per household	3.1	..	3.0	..	3.0	..
	Average number of persons per household	3.6	..	3.4	..	3.4	..
	<b>Average number of persons per bedroom</b>	<b>1.2</b>	<b>..</b>	<b>1.1</b>	<b>..</b>	<b>1.1</b>	<b>..</b>
<b>People aged 15 years and over, bedrooms and persons per bedroom</b>							
2002		no.		no.		no.	
	Average number of bedrooms per household	3.0	..	3.0	..	3.0	..
	Average number of persons per household	3.6	..	3.5	..	3.5	..
	<b>Average number of persons per bedroom</b>	<b>1.2</b>	<b>..</b>	<b>1.2</b>	<b>..</b>	<b>1.2</b>	<b>..</b>
2004-05		no.		no.		no.	
	Average number of bedrooms per household	3.1	..	3.0	..	3.0	..
	Average number of persons per household	3.5	..	3.3	..	3.3	..
	<b>Average number of persons per bedroom</b>	<b>1.1</b>	<b>..</b>	<b>1.1</b>	<b>..</b>	<b>1.1</b>	<b>..</b>

(a) 'Torres Strait Islander' includes those identified as either of Torres Strait Islander origin, or as both Aboriginal and Torres Strait Islander origin.

(b) Based on the Canadian National Occupancy Standard for housing appropriateness.

.. Not applicable. – Nil or rounded to zero. RSE Relative standard error.

Source: ABS NATSISS 2002, Cat. no. 4714.0 (unpublished); ABS GSS 2002, Cat. no.4159.0 (unpublished).

Table 10A.3.2

Table 10A.3.2 **Indigenous people living in overcrowded households, by remoteness, 2002, 2004-05 (a)**

	<i>Living in overcrowded households (b)</i>			<i>Not living in overcrowded households</i>			<i>Total</i>		
	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>
	'000	%	%	'000	%	%	'000	%	%
<b>People of all ages</b>									
2004-05									
Torres Strait Islander (c)									
Major cities	1.1	8.7	42.3	11.0	88.6	5.1	12.4	100.0	..
Inner regional	1.6	20.8	55.5	6.1	79.2	14.6	7.7	100.0	..
Outer regional	7.2	40.6	20.0	10.6	59.4	13.7	17.8	100.0	..
Total non-remote	9.9	26.2	18.3	27.7	73.0	6.6	38.0	100.0	..
Remote	0.6	26.5	46.7	1.6	71.9	17.5	2.3	100.0	..
Very remote	5.0	49.1	11.2	5.2	50.9	10.8	10.3	100.0	..
Total remote	5.6	45.0	11.0	6.9	54.7	9.0	12.5	100.0	..
<b>Total</b>	<b>15.6</b>	<b>30.8</b>	<b>12.3</b>	<b>34.6</b>	<b>68.4</b>	<b>5.5</b>	<b>50.5</b>	<b>100.0</b>	<b>..</b>
Aboriginal									
Major cities	19.8	15.1	12.6	111.2	84.4	2.2	131.7	100.0	..
Inner regional	11.6	13.2	18.5	75.9	86.3	2.9	87.9	100.0	..
Outer regional	20.4	22.5	14.4	68.9	75.9	4.2	90.7	100.0	..
Total non-remote	51.9	16.7	8.2	255.9	82.5	1.7	310.4	100.0	..
Remote	12.2	31.2	12.7	26.6	68.2	5.9	39.0	100.0	..
Very remote	48.6	65.4	3.6	25.4	34.1	6.6	74.4	100.0	..
Total remote	60.8	53.6	3.6	52.0	45.9	4.2	113.5	100.0	..
<b>Total</b>	<b>112.7</b>	<b>26.6</b>	<b>4.2</b>	<b>308.0</b>	<b>72.7</b>	<b>1.5</b>	<b>423.8</b>	<b>100.0</b>	<b>..</b>
Total Indigenous									
Major cities	20.9	14.5	11.8	122.2	84.7	2.0	144.2	100.0	..
Inner regional	13.2	13.8	17.2	82.0	85.8	2.8	95.6	100.0	..
Outer regional	27.7	25.5	12.1	79.5	73.2	4.1	108.5	100.0	..
Total non-remote	61.8	17.7	7.3	283.6	81.4	1.6	348.3	100.0	..
Remote	12.8	31.0	11.8	28.3	68.4	5.5	41.3	100.0	..
Very remote	53.7	63.4	3.3	30.6	36.2	5.7	84.7	100.0	..
Total remote	66.5	52.8	3.4	58.9	46.7	3.8	126.0	100.0	..
<b>Total</b>	<b>128.3</b>	<b>27.0</b>	<b>3.9</b>	<b>342.5</b>	<b>72.2</b>	<b>1.4</b>	<b>474.3</b>	<b>100.0</b>	<b>..</b>



Table 10A.3.2

**Table 10A.3.2 Indigenous people living in overcrowded households, by remoteness, 2002, 2004-05 (a)**

	<i>Living in overcrowded households (b)</i>			<i>Not living in overcrowded households</i>			<i>Total</i>		
	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>
<b>People aged 15 years and over</b>									
2002									
Total Indigenous									
Major cities	12.8	14.9	17.1	73.6	85.1	3	86.4	100.0	–
Inner regional	6.9	12.6	18.7	48.2	87.4	2.7	55.1	100.0	–
Outer regional	12.7	19.9	9.8	50.9	80.1	2.4	63.5	100.0	0.4
Total non-remote	32.5	15.8	8.7	172.6	84.2	1.6	205.1	100.0	0.1
Remote	7.5	30.8	11.8	16.8	69.2	5.2	24.3	100.0	0.1
Very remote	32.6	61.7	5.3	20.2	38.3	8.6	52.9	100.0	0.5
Total remote	40.1	52	4.5	37	48	5	77.1	100.0	0.3
<b>Total</b>	<b>72.6</b>	<b>25.7</b>	<b>4.7</b>	<b>209.7</b>	<b>74.3</b>	<b>1.6</b>	<b>282.2</b>	<b>100.0</b>	<b>–</b>
2004-05									
Total Indigenous									
Major cities	11.7	13.1	13.1	76.8	85.9	1.9	89.3	100.0	na
Inner regional	6.4	11.0	17.9	51.7	88.5	2.3	58.4	100.0	na
Outer regional	14.4	21.9	13.2	50.1	76.2	3.9	65.7	100.0	na
Total non-remote	32.5	15.2	7.8	178.5	83.7	1.4	213.4	100.0	na
Remote	7.2	29.3	12.1	17.1	70.0	5.1	24.5	100.0	na
Very remote	33.7	60.4	3.7	21.9	39.2	5.6	55.8	100.0	na
Total remote	40.9	50.9	3.6	39.0	48.6	3.7	80.2	100.0	na
<b>Total</b>	<b>73.4</b>	<b>25</b>	<b>3.9</b>	<b>217.5</b>	<b>74.1</b>	<b>1.3</b>	<b>293.6</b>	<b>100.0</b>	<b>na</b>

(a) Estimates with a Relative Standard Error (RSE) of 25 per cent to 50 per cent should be used with caution. Estimates with a RSE greater than 50 per cent are considered too unreliable for general use.

(b) Based on the Canadian National Occupancy Standard for housing appropriateness.

(c) Torres Strait Islander' includes those identified as either of Torres Strait Islander origin, or as both Aboriginal and Torres Strait Islander origin.

– Nil or rounded to zero. **na** Not available.

Source: ABS NATSISS 2002, Cat. no. 4714.0 (unpublished); ABS GSS 2002, Cat. no.4159.0 (unpublished).

Table 10A.3.3

Table 10A.3.3 **Indigenous people: living in overcrowded households, by State and Territory, 2004-05(a)**

	<i>Living in overcrowded households (b)</i>			<i>Not living in overcrowded households</i>			<i>Total</i>		
	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>
	'000	%	%	'000	%	%	'000	%	%
<b>People of all ages</b>									
2004-05									
Torres Strait Islander(c)									
NSW	1.2	17.4	72.5	5.7	82.6	15.3	6.9	100.0	..
Vic	0.1	3.5	104.4	3.1	96.5	3.8	3.2	100.0	..
Qld	12.2	41.4	13.6	17.0	57.5	9.8	29.5	100.0	..
WA	1.1	33.2	38.9	2.1	65.7	19.7	3.3	100.0	..
SA	0.2	10.4	78.6	1.6	89.6	9.1	1.7	100.0	..
Tas	0.3	13.1	54.5	2.2	86.9	8.2	2.6	100.0	..
NT	0.4	15.7	45.4	2.3	84.3	8.5	2.7	100.0	..
ACT	—	—	—	0.5	100.0	—	0.5	100.0	..
<b>Aust</b>	<b>15.6</b>	<b>30.8</b>	<b>12.3</b>	<b>34.6</b>	<b>68.4</b>	<b>5.5</b>	<b>50.5</b>	<b>100.0</b>	..
Aboriginal									
NSW	15.5	11.7	18.2	115.4	87.0	2.5	132.7	100.0	..
Vic	3.4	12.9	29.2	22.4	85.9	4.5	26.1	100.0	..
Qld	26.5	26.2	12.0	74.7	73.7	4.3	101.3	100.0	..
WA	21.0	32.7	8.1	42.8	66.6	3.8	64.3	100.0	..
SA	6.2	25.1	16.1	18.6	74.9	5.4	24.8	100.0	..
Tas	1.5	9.7	27.8	13.8	89.1	2.9	15.5	100.0	..
NT	38.1	68.7	3.1	17.2	30.9	6.8	55.5	100.0	..
ACT	0.5	12.7	26.2	3.2	87.3	3.8	3.6	100.0	..
<b>Aust</b>	<b>112.7</b>	<b>26.6</b>	<b>4.2</b>	<b>308.0</b>	<b>72.7</b>	<b>1.5</b>	<b>423.8</b>	<b>100.0</b>	..
Total Indigenous									
NSW	16.7	11.9	17.2	121.1	86.7	2.4	139.6	100.0	..
Vic	3.5	11.9	28.6	25.5	87.0	4.0	29.3	100.0	..
Qld	38.8	29.6	9.1	91.7	70.0	3.8	130.9	100.0	..
WA	22.1	32.7	7.8	44.9	66.5	3.7	67.5	100.0	..
SA	6.4	24.1	16.0	20.1	75.8	5.1	26.5	100.0	..
Tas	1.8	10.2	25.4	16.0	88.8	2.8	18.1	100.0	..
NT	38.6	66.2	3.2	19.5	33.4	6.2	58.2	100.0	..
ACT	0.5	11.1	26.8	3.7	88.9	3.3	4.2	100.0	..
<b>Aust</b>	<b>128.3</b>	<b>27.0</b>	<b>3.9</b>	<b>342.5</b>	<b>72.2</b>	<b>1.4</b>	<b>474.3</b>	<b>100.0</b>	..

Table 10A.3.3

**Table 10A.3.3 Indigenous people: living in overcrowded households, by State and Territory, 2004-05(a)**

	<i>Living in overcrowded households (b)</i>			<i>Not living in overcrowded households</i>			<i>Total</i>		
	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>
	'000	%	%	'000	%	%	'000	%	%
<b>Indigenous people aged 15 years or over</b>									
2002									
Total Indigenous									
NSW	12	14.4	17.4	71.7	85.6	2.9	83.8	100.0	..
Vic	2.7	15.5	16.5	14.7	84.5	3	17.4	100.0	..
Qld	20	26.2	11.6	56.1	73.8	4.1	76	100.0	..
WA	9.9	25.1	10.9	29.6	74.9	3.7	39.6	100.0	..
SA	3.8	23.9	14.1	12	76.1	4.4	15.8	100.0	..
Tas	1.2	11.1	19.4	9.7	88.9	2.4	10.9	100.0	..
NT	22.6	62.5	5.6	13.6	37.5	9.3	36.2	100.0	..
ACT	0.4	14	21.6	2.2	86	3.5	2.6	100.0	..
<b>Aust</b>	<b>72.6</b>	<b>25.7</b>	<b>4.7</b>	<b>209.7</b>	<b>74.3</b>	<b>1.6</b>	<b>282.2</b>	<b>100.0</b>	<b>..</b>
2004-05									
Total Indigenous									
NSW	7.9	9.3	18.3	76.1	89.0	2.0	85.4	100.0	..
Vic	1.7	9.2	22.5	16.5	89.2	2.6	18.5	100.0	..
Qld	21.9	27.6	9.5	57.1	72.0	3.6	79.4	100.0	..
WA	12.1	28.8	9.7	29.5	70.2	3.8	42.0	100.0	..
SA	3.7	22.4	17.9	12.9	77.6	5.2	16.7	100.0	..
Tas	1.1	9.8	26.3	10.0	89.3	2.8	11.3	100.0	..
NT	24.6	65.1	3.8	13.1	34.6	7.1	37.8	100.0	..
ACT	0.3	10.6	29.3	2.3	89.4	3.5	2.6	100.0	..
<b>Aust</b>	<b>73.4</b>	<b>25.0</b>	<b>3.9</b>	<b>217.5</b>	<b>74.1</b>	<b>1.3</b>	<b>293.6</b>	<b>100.0</b>	<b>..</b>

(a) Estimates with a Relative Standard Error (RSE) of 25 per cent to 50 per cent should be used with caution. Estimates with a RSE greater than 50 per cent are considered too unreliable for general use.

(b) Based on the Canadian National Occupancy Standard for housing appropriateness.

(c) Torres Strait Islander' includes those identified as either of Torres Strait Islander origin, or as both Aboriginal and Torres Strait Islander origin.

.. Not applicable.

Source: ABS NATSISS 2002, Cat. no. 4714.0 (unpublished); ABS GSS 2002, Cat. no.4159.0 (unpublished).

Table 10A.3.4

Table 10A.3.4 Indigenous people aged 15 years or over: living in overcrowded households, by tenure and landlord type, 2004-05(a)

	Living in overcrowded households (b)			Not living in overcrowded households			Total		
	Estimate	Proportion	RSE	Estimate	Proportion	RSE	Estimate	Proportion	RSE
	'000	%	%	'000	%	%	'000	%	%
<b>Torres Strait Islander (c)</b>									
Owned/being purchased	3.0	30.8	34.9	6.7	69.2	15.5	9.7	100.0	..
Renter	5.6	27.6	16.4	14.6	72.4	6.3	20.1	100.0	..
Other (d)	0.0	6.0	104.2	0.5	59.3	46.6	0.8	100.0	..
<b>Total (e)</b>	<b>8.6</b>	<b>28.0</b>	<b>14.8</b>	<b>21.8</b>	<b>71.1</b>	<b>5.8</b>	<b>30.7</b>	<b>100.0</b>	<b>..</b>
<b>Aboriginal</b>									
Owned/being purchased	4.9	7.4	19.0	60.8	92.4	1.5	65.8	100.0	..
Renter	58.4	30.6	4.1	131.1	68.8	1.8	190.5	100.0	..
Other (d)	1.5	22.9	30.6	3.9	57.5	18.2	6.7	100.0	..
<b>Total (e)</b>	<b>64.8</b>	<b>24.6</b>	<b>4.3</b>	<b>195.7</b>	<b>74.4</b>	<b>1.4</b>	<b>263.0</b>	<b>100.0</b>	<b>..</b>
<b>Total Indigenous</b>									
Owned/being purchased	7.9	10.4	18.5	67.6	89.4	2.2	75.6	100.0	..
Renter	63.9	30.4	3.8	145.6	69.2	1.7	210.6	100.0	..
Other (d)	1.6	21.1	30.3	4.3	57.7	15.9	7.5	100.0	..
<b>Total (e)</b>	<b>73.4</b>	<b>25.0</b>	<b>3.9</b>	<b>217.5</b>	<b>74.1</b>	<b>1.3</b>	<b>293.6</b>	<b>100.0</b>	<b>..</b>

(a) Estimates with a Relative Standard Error (RSE) of 25 per cent to 50 per cent should be used with caution. Estimates with a RSE greater than 50 per cent are considered too unreliable for general use.

(b) Based on the Canadian National Occupancy Standard for housing appropriateness.

(c) Torres Strait Islander' includes those identified as either of Torres Strait Islander origin, or as both Aboriginal and Torres Strait Islander origin.

(d) 'Other' including those occupying households rent-free, boarders, other tenure and those under a life tenure scheme, and not stated.

(e) Components will not add to total as households may have access to more than one facility.

.. Not applicable.

Source: National Aboriginal and Torres Strait Islander Health Survey 2004-05 (unpublished).

Table 10A.3.5

Table 10A.3.5 **Indigenous people 18 years and over who reported overcrowding as a stressor in the last 12 months, by remoteness areas, 2002 and 2004-05 (a)**

	<i>Reported overcrowding at home as stressor</i>			<i>All persons</i>		
	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>	<i>Estimate</i>	<i>Proportion</i>	<i>RSE</i>
	<i>'000</i>	<i>%</i>	<i>%</i>	<i>'000</i>	<i>%</i>	<i>%</i>
2002						
<b>Total Indigenous</b>						
Major cities	12.2	16.1	16.7	76.0	100.0	..
Inner regional	4.3	8.8	13.4	48.5	100.0	..
Outer regional	6.5	11.4	10.6	57.5	100.0	..
Total non-remote	23	12.7	9.8	182.1	100.0	..
Remote	5.2	24.5	18.8	21.2	100.0	..
Very remote	24.1	50.2	9.3	48.1	100.0	..
Total remote	29.3	42.3	8.4	69.3	100.0	..
<b>Total</b>	<b>52.4</b>	<b>20.8</b>	<b>6.4</b>	<b>251.4</b>	<b>100.0</b>	<b>..</b>
2004-05						
<b>Total Indigenous</b>						
Major cities	8.9	11.3	10.8	78.7	100.0	..
Inner regional	4.6	8.9	18.3	51.4	100.0	..
Outer regional	8.9	16.1	11.0	55.4	100.0	..
Total non-remote	22.4	12.1	7.4	185.5	100.0	..
Remote	3.5	15.8	25.2	22.1	100.0	..
Very remote	17.7	35.0	8.6	50.7	100.0	..
Total remote	21.2	29.2	8.2	72.8	100.0	..
<b>Total</b>	<b>43.6</b>	<b>16.9</b>	<b>5.6</b>	<b>258.3</b>	<b>100.0</b>	<b>..</b>

(a) Estimates with a Relative Standard Error (RSE) of 25 per cent to 50 per cent should be used with caution. Estimates with a RSE greater than 50 per cent are considered too unreliable for general .. Not applicable.

Source: *National Aboriginal and Torres Strait Islander Health Survey 2004-05* (unpublished)  
*National Aboriginal and Torres Strait Islander Health Survey 2002* (unpublished).