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Bettering the Evaluation and Care of Health (BEACH) survey

Table F1: Most frequently reported mental health related problems^(a) managed by general practitioners, by Indigenous status of patient, 2002–03 to 2006–07^{(b)(c)(d)}

Problem managed	Number		% of total problems		Crude rate per 100 encounters		Age standardised rate per 100 encounters		
	Indigenous	Other ^(f)	Indigenous	Other ^(f)	Indigenous	Other	Indigenous	Other ^(f)	Ratio ^(g)
Depression (P03, P76)	272	19,216	2.4	2.7	3.6	4.0	3.3	3.9	0.8
Drug abuse (P19)	148	2,354	1.3	0.3	2.0	0.5	1.5	0.5	3.0
Anxiety (P01, P74)	115	8,600	1.0	1.2	1.5	1.8	1.4	1.8	0.8
Sleep disturbance (P06)	97	7,847	0.9	1.1	1.3	1.6	1.3	1.6	0.8
Alcohol misuse (P15, P16)	83	1,685	0.7	0.2	1.1	0.3	0.9	0.3	2.7
Schizophrenia (P72)	75	2,203	0.7	0.3	1.0	0.5	0.8	0.5	1.9
Tobacco misuse (P17)	65	1,618	0.6	0.2	0.9	0.3	0.8	0.3	2.5
Acute stress reaction (P02)	58	2,932	0.5	0.4	0.8	0.6	0.8	0.6	1.3
Affective psychosis (P73)	20	892	0.2	0.1	0.3	0.2	0.2	0.2	1.1
Dementia (P70)	14	2,439	0.1	0.3	0.2	0.5	0.7	0.5	1.5
Other ^(h)	141	6,694	1.3	0.9	1.9	1.4	1.6	1.4	1.2
Total mental health	1,088	56,480	9.7	7.8	14.4	11.7	13.5	11.6	1.2

(a) Classified according to ICPC-2 chapter codes (Classification Committee of the World Organization of Family Doctors (WICC) 1998).

(b) These survey results are likely to undercount the number of Indigenous Australians visiting doctors.

(c) Combined financial year data for five years.

(d) Data for Indigenous and Other Australians have not been weighted.

(e) Directly age-standardised rate per 100 encounters. Figures do not add to 100 as more than one problem can be managed at each encounter.

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

(g) Rate ratio Indigenous:other.

(h) ICPC-2 codes: P04–P05, P07–P13, P18, P20, P22–P25, P27–P29, P71, P75, P77–P82, P85–P86, P98–P99.

Source: AIHW analysis of BEACH survey of general practice, AGPSCC.

National Community Mental Health Care Database (NCMHCD)

Table F2: Episodes of residential mental health care, by Indigenous status^(a), sex and age group, 2004–05

Sex & age group	Indigenous Australians ^(b)			Non-Indigenous				Not reported	
	Number	Per cent	Rate (per 10,000) ^(c)	Number	Per cent	Rate (per 10,000) ^(c)	Rate ratio ^(d)	Number	Per cent
Males									
Less than 15 years	0	0	0	0	0	0	0	0	0
15–24 years	1	2.5	0.2	174	14	1.3	0.2	13	21.7
25–34 years	26	65	7.4	411	33.1	2.9	2.6	17	28.3
35–44 years	7	17.5	2.5	298	24	2	1.3	10	16.7
45–54 years	6	15	3.1	201	16.2	1.5	2.1	14	23.3
55–64 years	0	0	0	95	7.6	0.9	0	6	10
65 years and over	0	0	0	63	5.1	0.5	0	0	0
<i>Total males</i>	<i>40</i>	<i>100</i>	<i>1.9</i>	<i>1,242</i>	<i>100</i>	<i>1.3</i>	<i>1.5</i>	<i>60</i>	<i>100</i>
Females									
Less than 15 years	0	0	0	1	0.1	0	0	0	0
15–24 years	1	4.8	0.2	88	11.6	0.7	0.3	13	17.8
25–34 years	8	38.1	2.1	216	28.5	1.5	1.4	9	12.3
35–44 years	5	23.8	1.6	176	23.2	1.2	1.3	8	11
45–54 years	6	28.6	2.9	137	18.1	1	2.9	22	30.1
55–64 years	1	4.8	0.9	87	11.5	0.8	1.1	18	24.7
65 years and over	0	0	0	53	7	0.4	0	3	4.1
<i>Total females</i>	<i>21</i>	<i>100</i>	<i>1.1</i>	<i>758</i>	<i>100</i>	<i>0.8</i>	<i>1.4</i>	<i>73</i>	<i>100</i>

(continued)

Table F2 (continued): Episodes of residential mental health care, by Indigenous status^(a), sex and age group, 2004–05

Sex & age group	Indigenous Australians ^(b)			Non-Indigenous				Not reported	
	Number	Per cent	Rate (per 10,000) ^(c)	Number	Per cent	Rate (per 10,000) ^(c)	Rate ratio ^(d)	Number	Per cent
Persons									
Less than 15 years	0	0	0	1	0.1	0	0	0	0
15–24 years	2	3.3	0.2	262	13.1	1	0.2	26	19.5
25–34 years	34	55.7	4.7	627	31.4	2.2	2.1	26	19.5
35–44 years	12	19.7	2	474	23.7	1.6	1.3	18	13.5
45–54 years	12	19.7	3	338	16.9	1.2	2.5	36	27.1
55–64 years	1	1.6	0.5	182	9.1	0.9	0.6	24	18
65 years and over	0	0	0	116	5.8	0.4	0	3	2.3
Total persons	61	100	1.5	2,000	100	1	1.5	133	100

(a) These data should be interpreted with caution due to likely underidentification of Indigenous Australians. For more information, see Appendix 1 of *Mental health services in Australia 2004–05*.

(b) Includes *Aboriginal, Torres Strait Islander and Both Aboriginal and Torres Strait Islander*.

(c) Rates were directly age-standardised to the Australian population at 30 June 2001, with the exception of age which is a crude rate based on the estimated Australian resident population at 30 December 2004.

(d) The rate ratio is equal to the service contact rate for Indigenous Australians divided by the service contact rate for other Australians.

Source: National Community Mental Health Care Database, AIHW.

Table F3: Community mental health service contacts, by Indigenous status(a), sex and age group, 2004–05

Sex & age group	Indigenous Australians ^(b)			Non-Indigenous				Not reported	
	Number	Per cent	Rate (per 1,000) ^(c)	Number	Per cent	Rate (per 1,000) ^(c)	Rate ratio ^(d)	Number	Per cent
Males									
Less than 15 years	12,158	8.7	130.1	196,582	8.6	100.9	1.3	27,042	12.6
15–24 years	32,650	23.5	682.7	372,086	16.2	271.9	2.5	44,721	20.9
25–34 years	53,098	38.2	1,504.7	606,882	26.4	432.3	3.5	54,372	25.4
35–44 years	27,891	20.1	976.6	477,994	20.8	326.0	3.0	39,881	18.6
45–54 years	8,927	6.4	464.2	303,895	13.2	224.9	2.1	23,970	11.2
55–64 years	3,319	2.4	333.1	152,855	6.7	145.1	2.3	12,456	5.8
65 years and over	929	0.7	158.9	180,480	7.9	155.6	1.0	10,683	5.0
<i>Total males^(e)</i>	<i>139,037</i>	<i>100.0</i>	<i>607.5</i>	<i>2,298,393</i>	<i>100.0</i>	<i>236.2</i>	<i>2.6</i>	<i>214,084</i>	<i>100.0</i>
Females									
Less than 15 years	6,284	7.4	71.0	123,211	6.1	66.6	1.1	20,356	10.7
15–24 years	18,963	22.3	407.0	342,258	16.8	263.3	1.5	46,161	24.3
25–34 years	24,910	29.3	659.3	367,470	18.1	262.5	2.5	33,356	17.6
35–44 years	19,460	22.9	611.0	380,383	18.7	257.5	2.4	30,323	16.0
45–54 years	10,446	12.3	506.6	305,842	15.1	224.0	2.3	24,633	13.0
55–64 years	2,169	2.6	200.2	182,766	9.0	176.8	1.1	15,523	8.2
65 years and over	2,709	3.2	357.7	323,482	15.9	225.9	1.6	18,312	9.6
<i>Total females^(e)</i>	<i>84,985</i>	<i>100.0</i>	<i>394.7</i>	<i>2,031,461</i>	<i>100.0</i>	<i>204.3</i>	<i>1.9</i>	<i>190,055</i>	<i>100.0</i>
Persons^(f)									
Less than 15 years	18,443	8.2	101.3	319,945	7.4	84.3	1.2	47,457	8.6
15–24 years	51,615	23.0	546.7	714,558	16.5	267.8	2.0	98,563	17.9
25–34 years	78,164	34.9	1,069.7	974,562	22.5	347.6	3.1	88,096	16.0
35–44 years	47,356	21.1	783.9	858,856	19.8	291.8	2.7	70,971	12.9
45–54 years	19,387	8.6	486.5	610,068	14.1	224.6	2.2	49,097	8.9
55–64 years	5,501	2.5	264.5	335,779	7.7	160.9	1.6	28,327	5.1
65 years and over	3,638	1.6	271.1	504,211	11.6	194.6	1.4	29,214	5.3
<i>Total persons^(e)</i>	<i>224,213</i>	<i>100.0</i>	<i>507.2</i>	<i>4,333,399</i>	<i>100.0</i>	<i>220.0</i>	<i>2.3</i>	<i>550,912</i>	<i>100.0</i>

continued.....

- (a) These data should be interpreted with caution due to likely underidentification of Indigenous Australians. For more information, see Appendix 1 of *Mental health services in Australia 2004–05*.
- (b) Includes *Aboriginal, Torres Strait Islander and Both Aboriginal and Torres Strait Islander*.
- (c) Rates were directly age-standardised to the Australian population at 30 June 2001, with the exception of age which is a crude rate based on the estimated Australian resident population at 30 December 2004.
- (d) The rate ratio is equal to the service contact rate for Indigenous Australians divided by the service contact rate for other Australians.
- (e) Includes service contacts for which age is unknown.
- (f) Includes service contacts for which sex is unknown.

Source: National Community Mental Health Care Database, AIHW.

Commonwealth State/Territory Disability Agreement (CSTDA)

Table F4: CSTDA- funded service users with psychiatric disability, 2005–06^(a)

	Indigenous	Other	Total
Number	862	29,202	30,064
Per cent	12.0	13.9	13.8
Total no. of service users	7,182	209,961	217,143

(a) Financial year reporting.

Source: AIHW analysis of 2005–06 Commonwealth State/Territory Disability Agreement NMDS.

Table F5: CSTDA funded service users with a psychiatric disability by Indigenous status and sex, 2005–06^(a)

	Indigenous				Other ^(b)				
	Number	Rate per 1,000 ^(c)	LCL 95% ^(d)	UCL 95% ^(e)	Number	Rate per 1,000 ^(c)	LCL 95% ^(d)	UCL 95% ^(e)	Rate Ratio ^(f)
Residential service users									
Males	57	0.3	0.2	0.4	1,629	0.2	0.2	0.2	1.9
Females	41	0.2	0.1	0.3	1,231	0.1	0.1	0.1	1.9
Persons	98	0.3	0.2	0.3	2,861	0.1	0.1	0.1	1.9
Non-residential service users									
Males	662	3.2	3.0	3.5	20,673	2.1	2.0	2.1	1.6
Females	523	2.6	2.3	2.8	15,382	1.5	1.5	1.5	1.7
Persons	1,185	2.9	2.7	3.1	36,124	1.8	1.8	1.8	1.6

(a) Financial year reporting.

(b) Includes non-Indigenous and not stated.

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

(d) LCL = Lower confidence limit.

(e) UCL = Upper confidence limit.

(f) Ratio Indigenous: other.

Source: AIHW analysis of data from the 2005–06 Commonwealth State/Territory Disability Agreement NMDS.

National Hospital morbidity data

Table F6: Hospitalisation rates^(a) for a principal diagnosis of mental health-related conditions and total conditions by Indigenous status and sex, NSW, Vic, Qld, WA, SA & NT, July 2005 to June 2007^{(b)(c)(d)(e)}

	Indigenous					Other ^(f)					Rate Ratio ^(j)
	Number	%	Rate per 1,000 ^(g)	LCL ^(h)	UCL ⁽ⁱ⁾	Number	%	Rate per 1,000 ^(g)	LCL ^(h)	UCL ⁽ⁱ⁾	
Mental and behavioural disorders (F00–F99)											
Males	11,327	5.3	28.8	28.1	29.4	241,616	3.7	12.4	12.4	12.5	*2.3
Females	9,343	3.3	21.8	21.3	22.2	305,519	4.2	15.3	15.3	15.4	*1.4
Persons	20,670	4.2	25.1	24.7	25.4	547,136	4.0	13.9	13.8	13.9	*1.8
Total hospitalisations	496,281	100.0	13,832,416	100.0

* Represents results with statistically significant differences in the Indigenous/other comparisons at the p<.05 level.

- (a) Data are from public and most private hospitals. Categories are based on the International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM), 5th Edition (National Centre for Classification in Health 2005).
- (b) Financial year reporting.
- (c) Indigenous data are reported by state/territory of usual residence of the patient hospitalised and are for New South Wales, Victoria, Western Australia, South Australia, the Northern Territory and Queensland only. These six jurisdictions are considered to have the highest level of accuracy of Indigenous identification, although the level of accuracy varies by jurisdiction and hospital.
- (d) Data are presented in two year groupings.
- (e) Excludes private hospitals in the Northern Territory.
- (f) Includes non-Indigenous and not stated.
- (g) Directly age standardised using the Australian 2001 population.
- (h) LCL = lower confidence limit.
- (i) UCL = upper confidence limit.
- (j) Rate ratio Indigenous: Other.

Source: AIHW National Hospital Morbidity Database.

Table F7: Rate per 1,000 hospitalisations for mental health-related conditions by age, NSW, Vic, Qld, WA, SA & NT, July 2005 to June 2007^{(a)(b)(c)(d)(e)}

	0–4 years	5–14 years	15–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over
Males								
Indigenous	0.3	4.7	22.4	49.4	55.3	34.5	21.5	19.3
Other ^(f)	0.9	2.9	10.8	16.9	16.0	14.5	17.4	15.2
Females								
Indigenous	0.5	2.0	22.3	40.5	35.4	29.2	14.9	12.8
Other ^(f)	0.8	2.1	16.5	19.3	21.6	20.9	17.2	17.0
Persons								
Indigenous	0.4	3.4	22.4	44.8	44.8	31.7	18.1	15.6
Other ^(f)	0.9	2.5	13.6	18.1	18.8	17.7	17.3	16.2

- (a) Data are from public and most private hospitals. Categories are based on the International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM), 5th Edition (National Centre for Classification in Health 2005).
- (b) Financial year reporting.
- (c) Indigenous data are reported by state/territory of usual residence of the patient hospitalised and are for New South Wales, Victoria, Western Australia, South Australia, the Northern Territory and Queensland only. These six jurisdictions are considered to have the highest level of accuracy of Indigenous identification, although the level of accuracy varies by jurisdiction and hospital.
- (d) Data are presented in two year groupings.
- (e) Excludes private hospitals in the Northern Territory.
- (f) Includes non-Indigenous and not stated. *Source:* AIHW National Hospital Morbidity Database.

Table F8: Hospitalisations for mental health-related conditions by Indigenous status, NSW, Vic, Qld, WA, SA & NT, July 2005 to June 2007^{(a)(b)(c)(d)(e)}

	Number		Per cent		Indigenous			Other			Rate ratio ^(j)
	Indig	Other ^(f)	Indig	Other ^(f)	Rate per 1,000 ^(g)	95% LCL ^(h)	95% UCL ⁽ⁱ⁾	Rate per 1,000 ^(g)	95% LCL ^(h)	95% UCL ⁽ⁱ⁾	
Behavioural and emotional disorders (F90–98)	576	7,748	2.8	1.4	0.4	0.3	0.4	0.2	0.2	0.2	*1.8
Behavioural syndromes assoc with physiological disturbances (F50–59)	76	13,847	0.4	2.5	0.1	0.0	0.1	0.4	0.4	0.4	*0.2
Mental retardation (F70–F79)	49	683	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	*2.3
Mood disorders (F30–39)	3,174	202,365	15.4	37.0	4.0	3.9	4.2	5.1	5.1	5.1	*0.8
Neurotic, stress-related disorders (F40–39)	2,806	96,203	13.6	17.6	3.5	3.3	3.6	2.4	2.4	2.4	*1.4
Organic, including symptomatic, mental disorders (F00–09)	288	21,508	1.4	3.9	0.9	0.7	1.0	0.5	0.5	0.5	*1.7
Disorders of adult personality and behaviour (F60–69)	471	17,280	2.3	3.2	0.5	0.4	0.5	0.4	0.4	0.5	1.1
Mental & behavioural disorders due to psychoactive substance use (F10–19)	7,757	95,019	37.5	17.4	9.7	9.4	9.9	2.4	2.4	2.4	*4.0
Disorders of psychological development (F80–89)	37	1,736	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.5
Schizophrenia, schizotypal and delusional disorders (F20–29)	5,349	89,715	25.9	16.4	5.9	5.7	6.1	2.3	2.3	2.3	*2.6
Unspecified (F99)	87	1,032	0.4	0.2	0.1	0.1	0.1	0.0	0.0	0.0	*3.9
Total Persons	20,670	547,136	100.0	100.0	25.1	24.7	25.4	13.9	13.8	13.9	*1.8

* Represents results with statistically significant differences in the Indigenous/other comparisons at the p<.05 level.

- (a) Data are from public and most private hospitals. Categories are based on the International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM), 4th Edition (National Centre for Classification in Health 2004)..
- (b) Financial year reporting.
- (c) Indigenous data are reported by state/territory of usual residence of the patient hospitalised and are for New South Wales, Victoria, Queensland Western Australia, South Australia and the Northern Territory. These six jurisdictions are considered to have the highest level of accuracy of Indigenous identification, although the level of accuracy varies by jurisdiction and hospital.
- (d) Data are presented in two year groupings.
- (e) Excludes private hospitals in the Northern Territory.
- (f) Includes non-Indigenous and not stated.
- (g) Directly age standardised using the Australian 2001 population.
- (h) LCL = lower confidence limit.
- (i) UCL = upper confidence limit.
- (j) Rate ratio Indigenous: Other.

Source: AIHW National Hospital Morbidity Database.

Table F9: Hospitalisations for intentional self-harm (X60-X84), by Indigenous status and sex, NSW, Vic, Qld, WA, SA & NT, July 2005 to June 2007^{(a)(b)(c)(d)(e)}

	Indigenous				Other ^(f)				Rate Ratio ^(j)
	Number	Rate per 1,000 ^(g)	LCL 95% ^(h)	UCL 95% ⁽ⁱ⁾	Number	Rate per 1,000 ^(g)	LCL 95% ^(h)	UCL 95% ⁽ⁱ⁾	
Males	1,415	3.2	3.0	3.4	21,366	1.1	1.1	1.1	*2.9
Females	1,764	3.7	3.5	3.9	34,000	1.8	1.8	1.8	*2.1
Persons	3,179	3.5	3.3	3.6	55,371	1.4	1.4	1.4	*2.4

(a) Data are from public and most private hospitals. Categories are based on the International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM), 5th Edition (National Centre for Classification in Health 2005).

(b) Financial year reporting.

(c) Indigenous data are reported by state/territory of usual residence of the patient hospitalised and are for New South Wales, Victoria, Western Australia, South Australia, the Northern Territory and Queensland only. These six jurisdictions are considered to have the highest level of accuracy of Indigenous identification, although the level of accuracy varies by jurisdiction and hospital.

(d) Data are presented in two year groupings.

(e) Excludes private hospitals in the Northern Territory.

(f) Includes non-Indigenous and not stated.

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

(h) LCL = lower confidence limit.

(i) UCL = upper confidence limit.

(j) Rate ratio Indigenous: Other.

Source: AIHW National Hospital Morbidity Database.

Table F10: Hospitalisation rates per 1,000 population for intentional self-harm by Indigenous status and age, NSW, Vic, Qld, WA, SA & NT, July 2005 to June 2007^{(a)(b)(c)(d)(e)}

	0–4 years	5–14 years	15–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over
Males								
Indigenous	0.0	0.3	4.3	6.7	5.7	3.5	1.1	0.8
Other ^(f)	0.0	0.1	1.7	2.0	1.8	1.2	0.7	0.5
Females								
Indigenous	0.0	0.6	5.5	6.3	7.4	4.6	1.3	0.5
Other ^(f)	0.0	0.5	4.0	2.6	2.5	1.8	0.9	0.5

(a) Data are from public and most private hospitals. Categories are based on the International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification (ICD-10-AM), 5th Edition (National Centre for Classification in Health 2005).

(b) Financial year reporting.

(c) Indigenous data are reported by state/territory of usual residence of the patient hospitalised and are for New South Wales, Victoria, Queensland, Western Australia, South Australia and the Northern Territory. These six jurisdictions are considered to have the highest level of accuracy of Indigenous identification, although the level of accuracy varies by jurisdiction and hospital.

(d) Data are presented in two year groupings.

(e) Excludes private hospitals in the Northern Territory.

(f) Includes non-Indigenous and not stated.

Source: AIHW National Hospital Morbidity Database.