

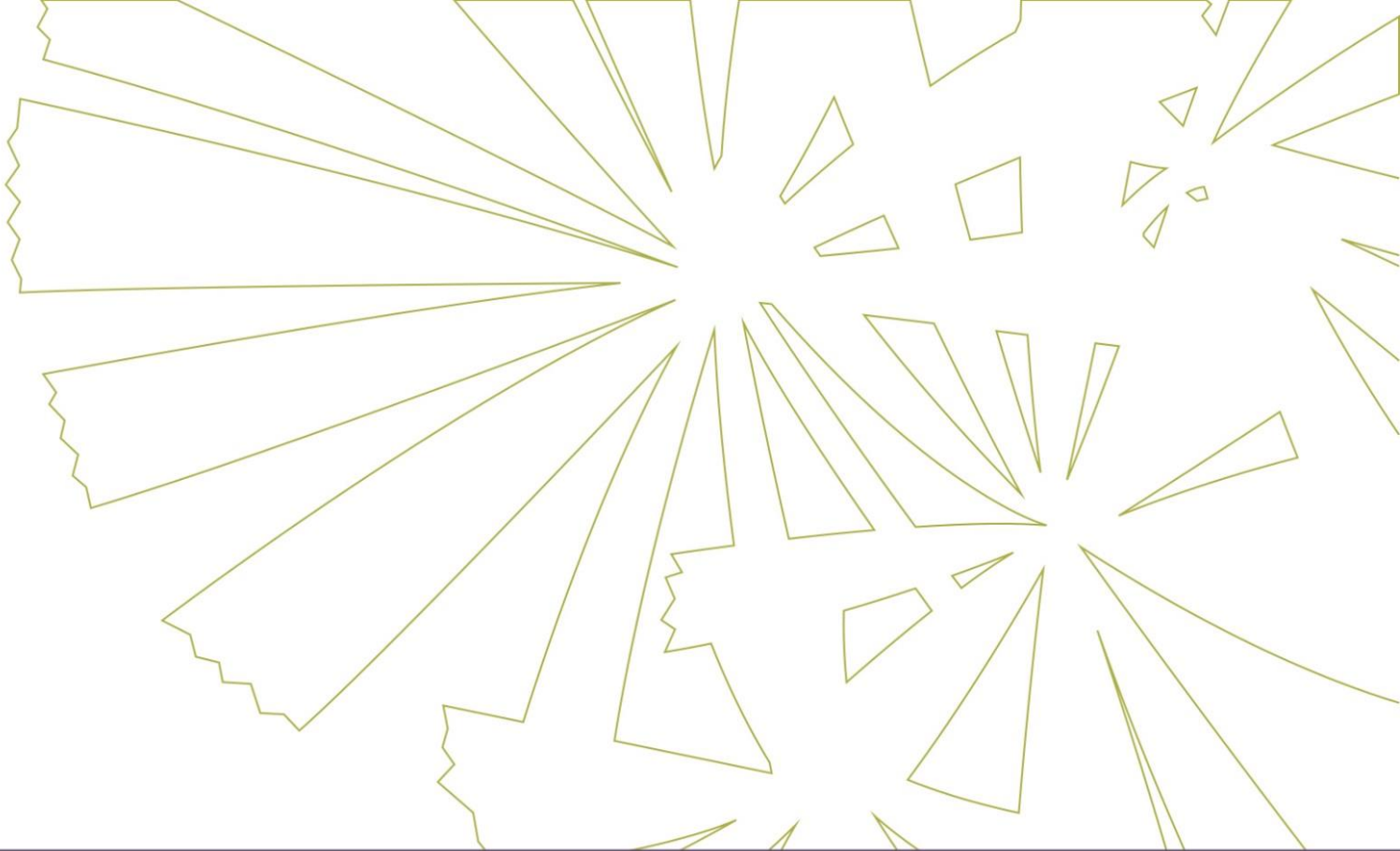


Cairns and Hinterland Hospital and Health Service

Population Profile 2018



Cairns and Hinterland Hospital and Health Service



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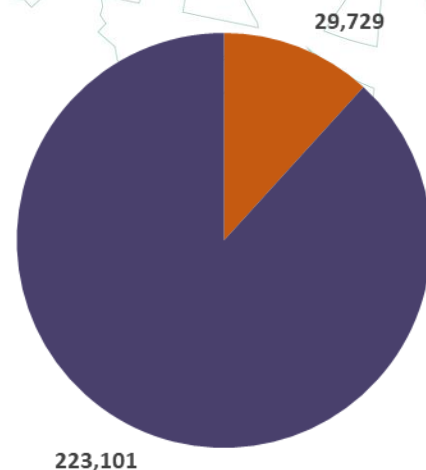
Acknowledgment to Traditional Owners

The Cairns and Hinterland Hospital and Health Service respectfully acknowledges the Traditional Owners and Custodians both past, present and future of the land, air, and waters which we service; and declare the Cairns and Hinterland Hospital and Health Service's commitment to reducing inequalities between Aboriginal and Torres Strait Islander and non-Indigenous health outcomes in line with the Australian Government's Close the Gap initiative.

Population snapshot: Cairns and Hinterland HHS

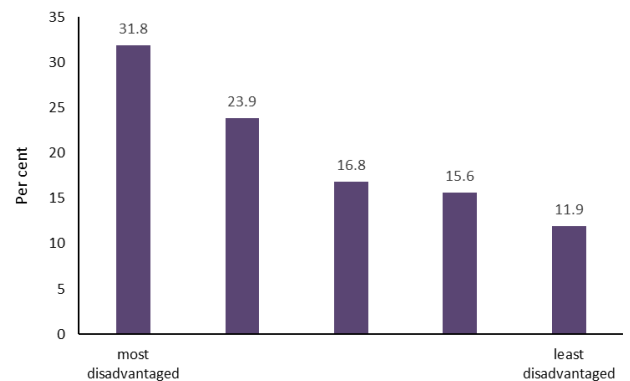
In 2016, **252,830** people lived in the Cairns and Hinterland HHS

29,729 residents were of Aboriginal and Torres Strait Islander origin



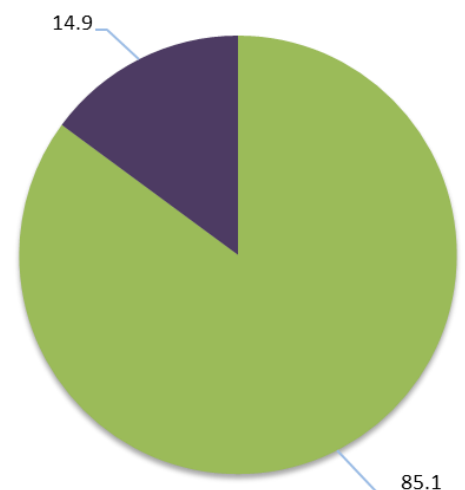
■ Aboriginal and Torres Strait Islander ■ non-Indigenous

56% of residents lived in areas with the highest levels of disadvantage



26,292 residents spoke a language other than English at home

85% of residents speaking another language at home spoke English very well or well



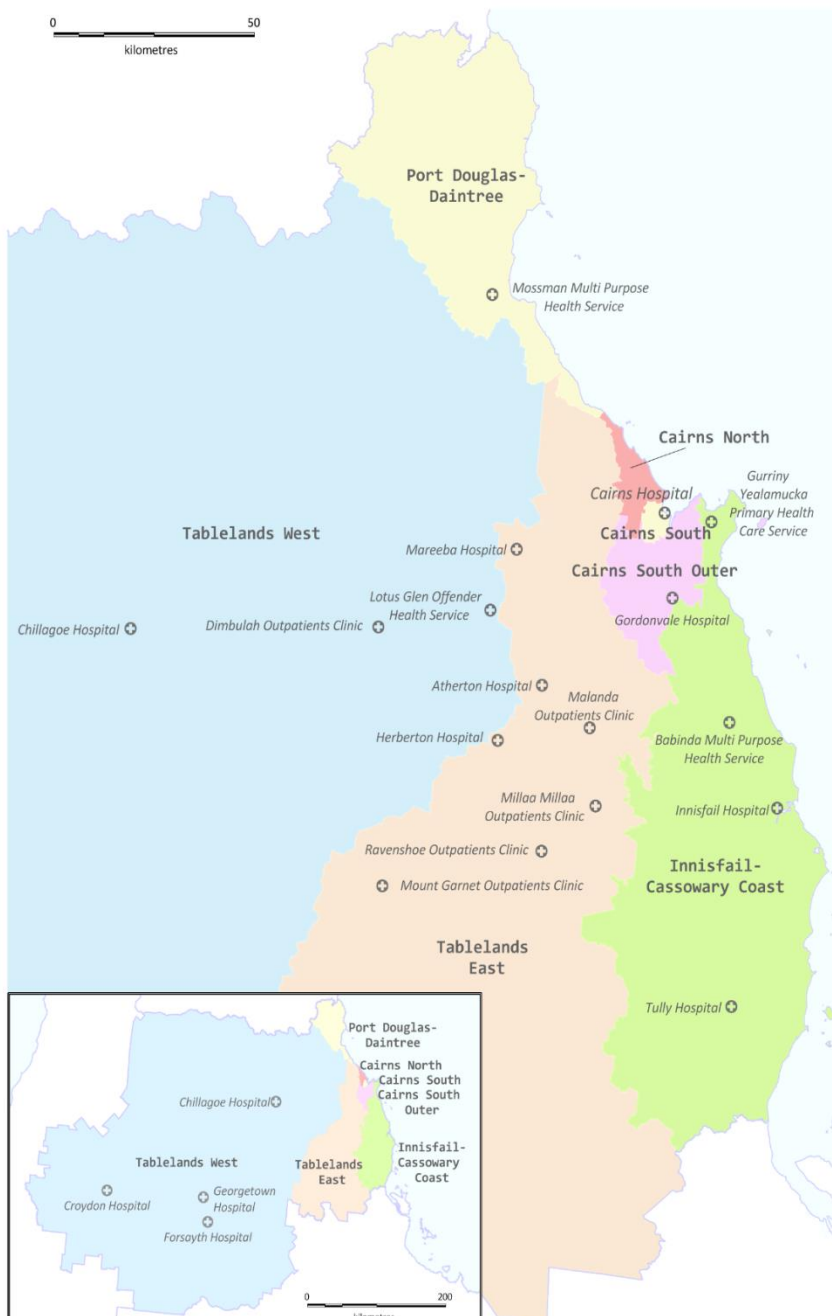
■ Speaks English well ■ Does not speak English well

Cairns and Hinterland Hospital and Health Service

The Cairns and Hinterland Hospital and Health Service (HHS) covers 142,900 square kilometres from Tully in the South to Cow Bay in the north and Croydon in the west (Map 1).

The HHS is the primary provider of acute health services for the Cairns and Hinterland population and provides general surgical, medical at facilities across the region as well as primary health care services to communities in rural and remote areas including Cow Bay, Croydon, Dimbulah, Forsayth, Georgetown, Malanda, Milla Milla, Ravenshoe, Chillagoe, and Mount Garnet.

Map 1: Planning Regions, Cairns and Hinterland HHS, 2016



The HHS also provides specialised and referral services to remote communities in the Cape York, Torres Strait and Northern Peninsula regions.

The Far North Queensland region covers 273,238 square kilometres and includes both the Cairns and Hinterland and the Torres and Cape HHSs.

In 2016 the estimated population of Far North Queensland was 279,347.

Aboriginal and Torres Strait Islander residents accounted for 17 per cent of the Far North Queensland population.

Cairns and Hinterland HHS Population

This population profile presents information about the resident population of the Cairns and Hinterland HHS, including the seven health service planning regions illustrated in Map 1. The information presented is sourced from the most current estimated resident populations from the Australian Bureau of Statistics and the 2016 Australian Census of Population and Housing. Detailed population profiles for each planning region are also available.

In 2016, the estimated resident population of the Cairns and Hinterland HHS region was 252,830. Twenty-six per cent of the population was aged less than 20 years in 2016, with 15 per cent aged 65 years and over (Table 1).

Table 1: Estimated resident population by age group and sex, Cairns and Hinterland HHS and Queensland, 2016

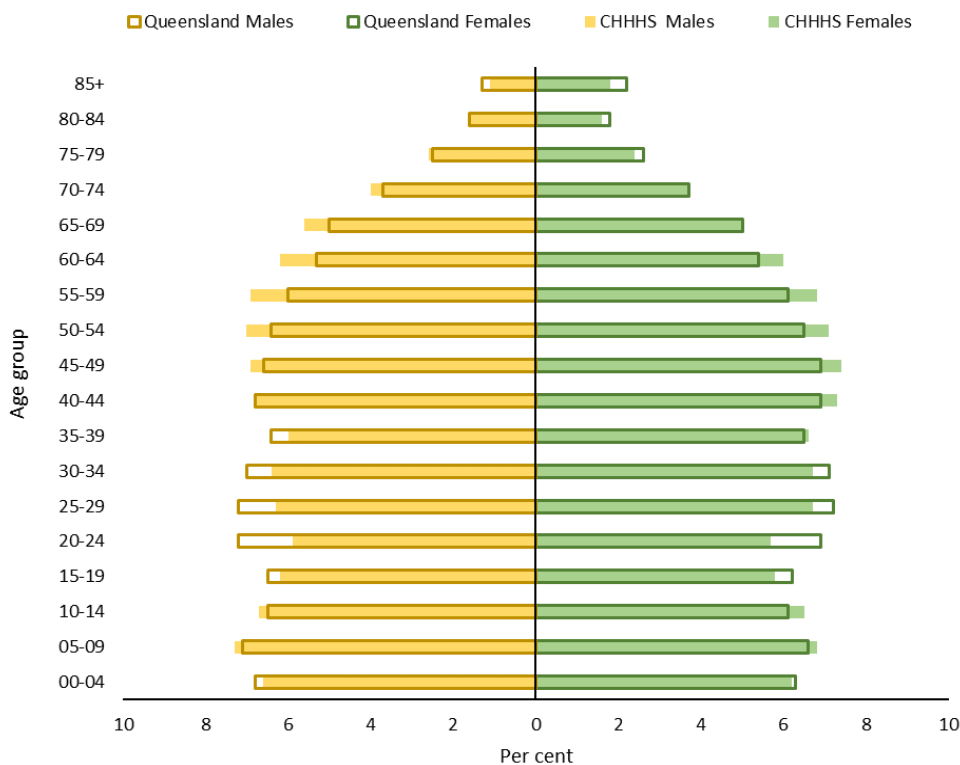
Age Group	Cairns and Hinterland HHS				Queensland
	Female	Male	Total	Per cent	Per cent
00-04	7,854	8,346	16,200	6.4	6.5
05-09	8,534	9,183	17,717	7.0	6.8
10-14	8,233	8,519	16,752	6.6	6.3
15-19	7,365	7,808	15,173	6.0	6.3
20-24	7,152	7,499	14,651	5.8	7.1
25-29	8,414	8,014	16,428	6.5	7.2
30-34	8,497	8,047	16,544	6.5	7.0
35-39	8,398	7,535	15,933	6.3	6.5
40-44	9,199	8,568	17,767	7.0	6.8
45-49	9,296	8,771	18,067	7.1	6.8
50-54	9,034	8,894	17,928	7.1	6.5
55-59	8,587	8,692	17,279	6.8	6.1
60-64	7,550	7,777	15,327	6.1	5.4
65-69	6,290	7,018	13,308	5.3	5.0
70-74	4,649	5,026	9,675	3.8	3.7
75-79	3,081	3,276	6,357	2.5	2.6
80-84	1,987	1,990	3,977	1.6	1.7
85+	2,297	1,450	3,747	1.5	1.8
Total	126,417	126,413	252,830	100	100

Source: Australian Bureau of Statistics Cat No. 3235.0 – Population by Age and Sex, Regions of Australia

Cairns and Hinterland HHS Population (contd)

Figure 1 illustrates that the distribution of age in the Cairns and Hinterland HHS was similar to the distribution observed for the total Queensland population (Figure 1).

Figure 1: Population percentage by age group and sex, Cairns and Hinterland HHS and Queensland, 2016



Source: Australian Bureau of Statistics Cat No. 3235.0 – Population by Age and Sex, Regions of Australia

Interstate and overseas visitors can comprise a significant proportion of the Cairns and Hinterland population at any one time, comprising 11 per cent of presentations to HHS emergency departments 2016.

The population of the Cairns and Hinterland HHS has grown by six per cent over the last five years, with further growth of 14.4 per cent expected. The population is projected to increase from 252,964 in 2016 to 289,477 in 2026, with the majority of population growth expected to occur in the southern region of Cairns. The number of residents aged 60 years and over is expected to increase by 39 per cent over the next 10 years.

Source: Queensland Government population projections, 2015 edition; Australian Bureau of Statistics, Population by age and sex, regions of Australia, 2014 (Cat no. 3235.0).

Aboriginal and Torres Strait Islander Population

Aboriginal and Torres Strait Islander residents (n=29,729) accounted for 11.8 per cent of the Cairns and Hinterland HHS population in 2016.

Table 2 details the estimated Aboriginal and Torres Strait Islander population by age group and sex (Table 2).

Table 2: Aboriginal and Torres Strait Islander estimated resident population by age group and sex, Cairns and Hinterland HHS and Queensland, 2016

Age Group	Cairns and Hinterland HHS				Queensland
	Female	Male	Total	Per cent	Per cent
00-04	1,699	1,740	3,439	11.6	12.7
05-09	1,631	1,869	3,500	11.8	11.7
10-14	1,735	1,637	3,372	11.3	11.1
15-19	1,384	1,524	2,908	9.8	10.6
20-24	1,255	1,348	2,603	8.8	9.7
25-29	1,141	1,058	2,199	7.4	7.8
30-34	1,003	986	1,989	6.7	6.5
35-39	910	811	1,721	5.8	5.5
40-44	922	853	1,775	6.0	5.4
45-49	880	725	1,605	5.4	5.1
50-54	691	648	1,339	4.5	4.2
55-59	640	501	1,141	3.8	3.5
60-64	465	375	840	2.8	2.5
65-69	341	250	591	2.0	1.8
70-74	210	108	318	1.1	1.0
75-79	120	52	172	0.6	0.5
80-84	109	31	140	0.5	0.3
85+	56	21	77	0.3	0.2
Total	15,192	14,537	29,729	100	100.0

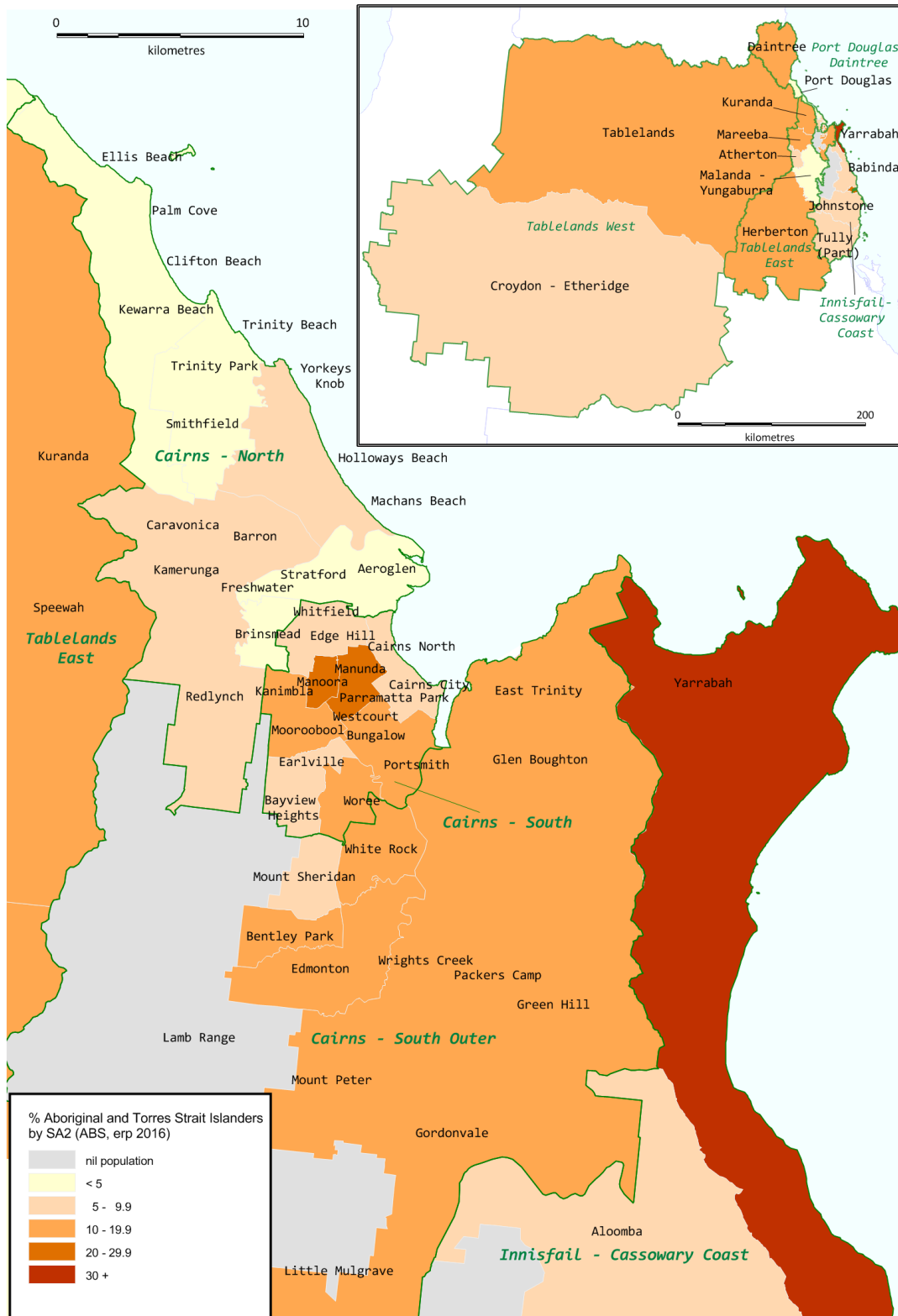
Source: Australian Bureau of Statistics Cat No. 3235.0 – Population by Age and Sex, Regions of Australia

Aboriginal and Torres Strait Islander residents (n=18,548) accounted for 70 per cent of the Torres and Cape HHS population in 2016.

Aboriginal and Torres Strait Islander Population (contd)

Map 2 illustrates the percentage of the population in each Statistical Area (SA Level 2) who identify as Aboriginal and Torres Strait Islander in the Cairns and Hinterland HHS.

Map 2: Percentage Aboriginal and Torres Strait Islander population by SA2, Cairns and Hinterland HHS, 2016

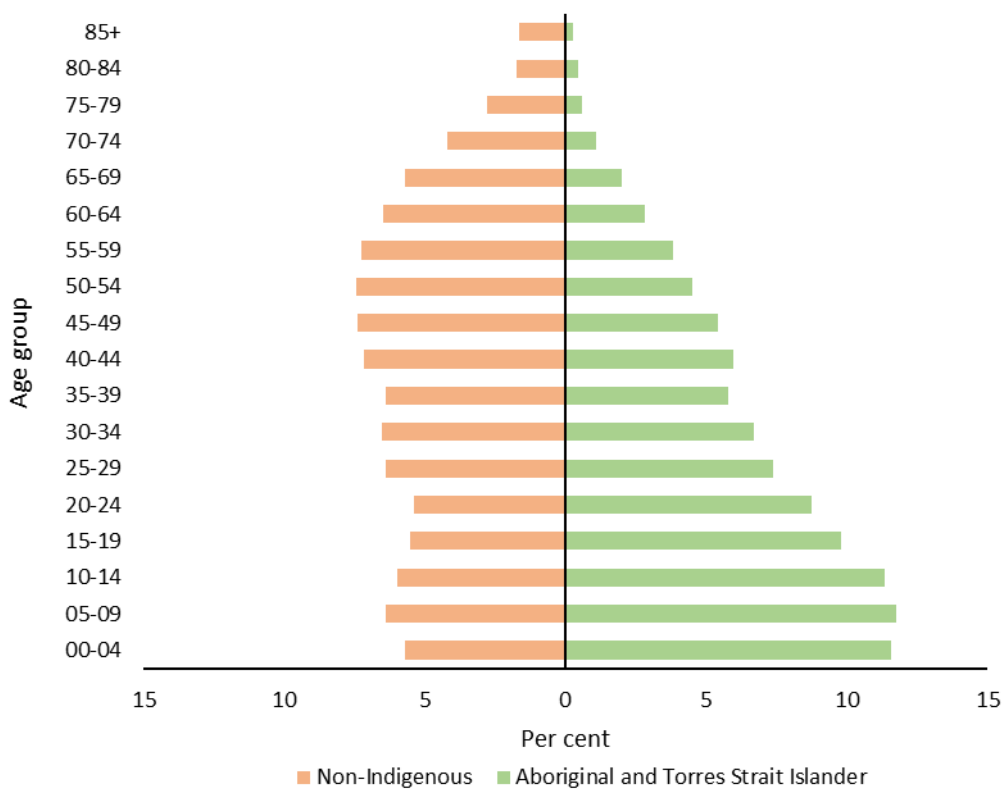


Aboriginal and Torres Strait Islander Population (contd)

Figure 2 illustrates the differing distribution of age in the Aboriginal and Torres Strait Islander and non-Indigenous populations of the Cairns and Hinterland HHS, with 61 per cent of Aboriginal and Torres Strait Islander residents aged under 30 years, compared with 35.4 per cent of the non-Indigenous population.

The younger age profile reflects both a higher rate of fertility and a lower life expectancy in the Aboriginal and Torres Strait Islander population.

Figure 2: Age distribution of Aboriginal and Torres Strait Islander and non-Indigenous residents, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics Cat No. 3235.0 – Population by Age and Sex, Regions of Australia

Socioeconomic Status

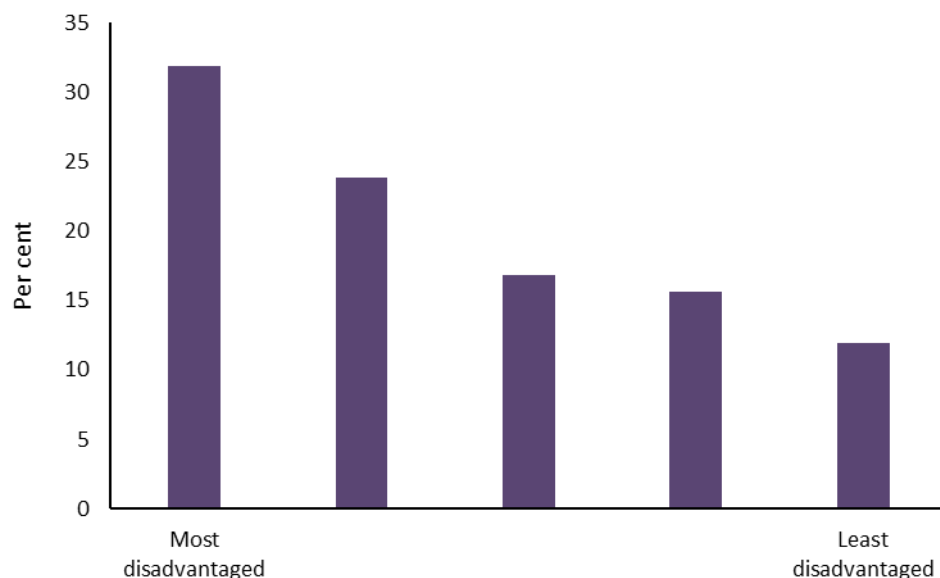
Socioeconomically disadvantaged people are known to be at greater risk of poor health outcomes.

The Index of Relative Disadvantage ranks areas across Australia based on the collective socio-economic characteristics of the people living in each area. Index scores provide an indication of the relative socio-economic disadvantage of each area considering factors such as income, education, employment status, occupation and housing.

Figure 3 shows that 56 per cent of the Cairns and Hinterland HHS population lived in areas with the highest levels of disadvantage in 2016.

Source: Australian Bureau of Statistics – An introduction to Socio-Economic Indexes for Areas (SEIFA) 2006, (cat. no. 2039.0)

Figure 3. Percentage of population by Index of Relative Disadvantage quintiles, Cairns and Hinterland HHS, 2016

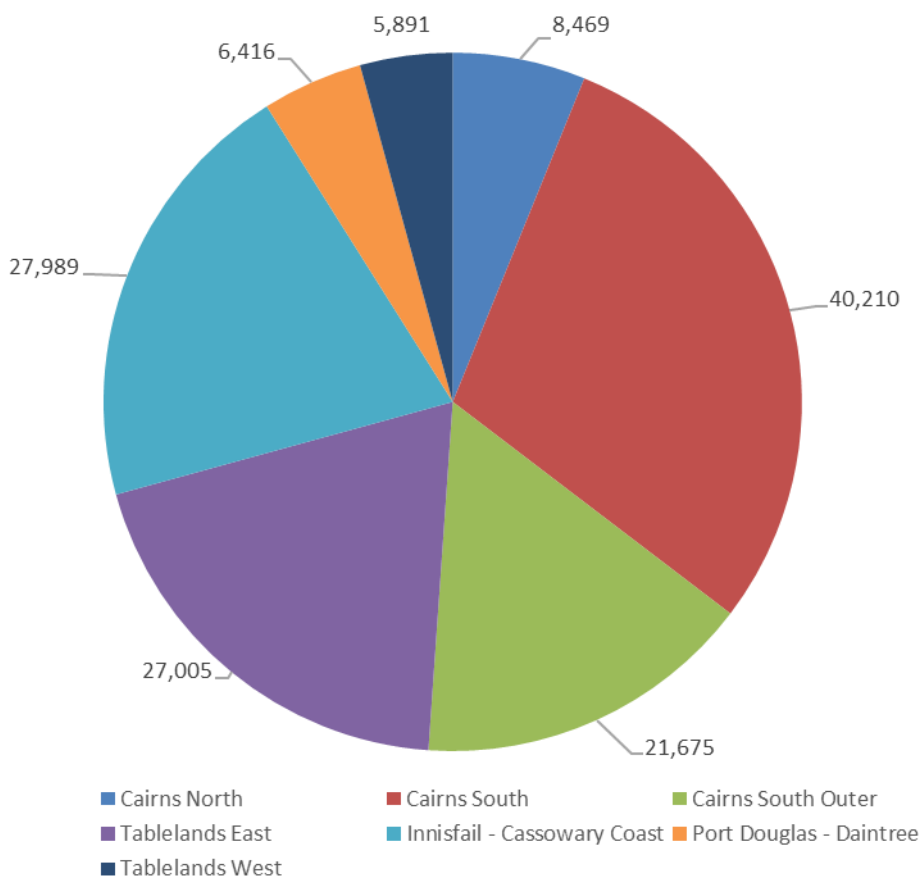


Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Socioeconomic Status (contd)

Twenty-nine per cent of the Cairns and Hinterland HHS residents living in areas with the highest level of disadvantage were in the Cairns South region (n=40,210), with 20 per cent in the Innisfail - Cassowary Coast region (n=27,989), and 20 per cent in the Tablelands East region (n=27,005; Figure 4).

Figure 4. Population living in most disadvantaged areas by region, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Country of Birth

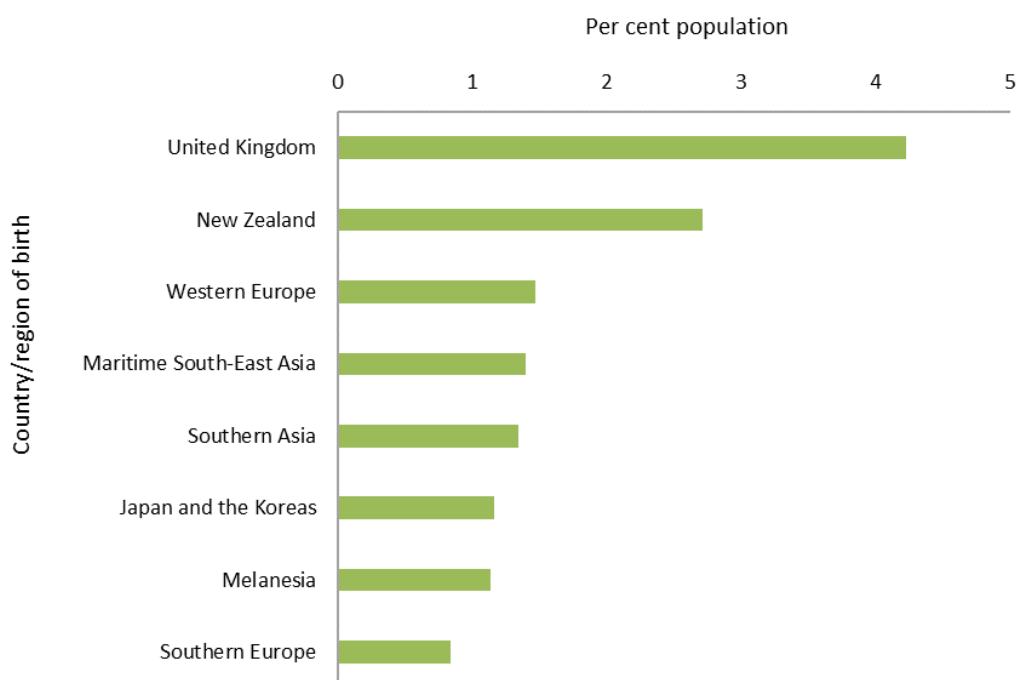
In 2016, 19 per cent of Cairns and Hinterland HHS residents reported that they were born overseas (Table 3).

Table 3: Residents born in Australia or overseas, Cairns and Hinterland HHS, 2016

Country of Birth	Number	Per cent
Australia	175,317	70.9
Overseas	46,766	18.9
Not Stated	25,180	10.2
Total	247,263	100

The United Kingdom, New Zealand and Western Europe were the top three countries/regions of birth for residents of Cairns and Hinterland HHS born overseas (Figure 5).

Figure 5. Top 10 overseas countries/regions of birth, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Language Spoken at Home

Language spoken at home may indicate how culturally diverse a population is and the degree to which different ethnic groups and nationalities are retaining their language.

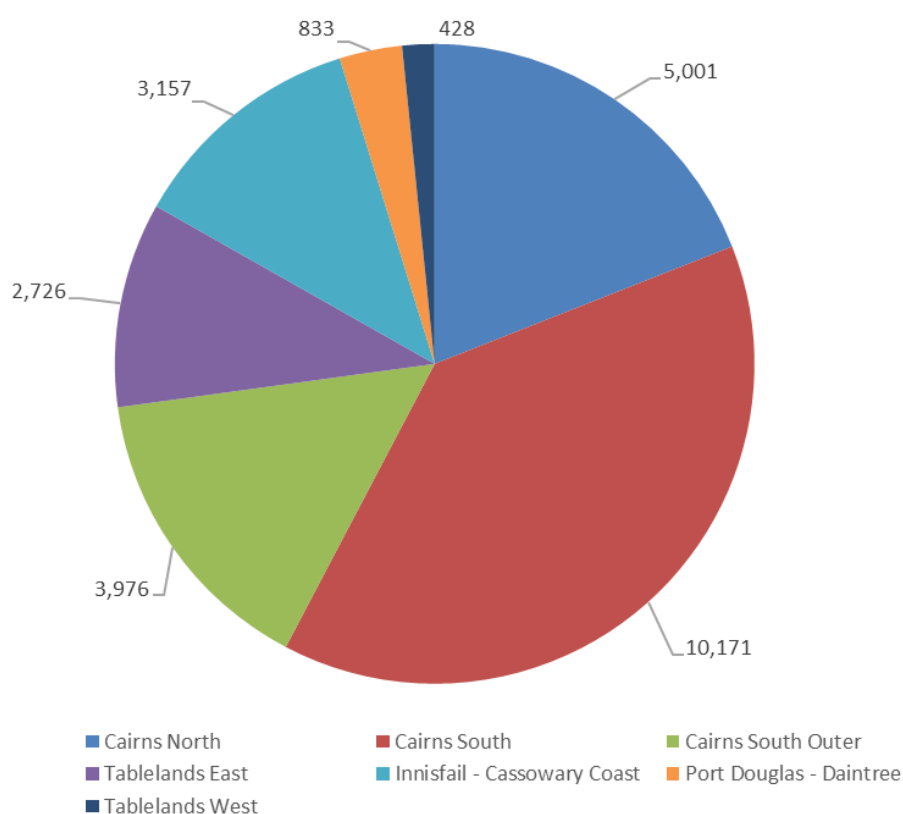
Eleven per cent of Cairns and Hinterland HHS residents (n=26,292) reported that they spoke a language other than English at home (Table 4).

Table 4. Language other than English spoken at home, Cairns and Hinterland Health Service, 2016

Language spoken at home	Number	Per cent
English	195,382	79.6
Language other than English	26,292	10.7
Not stated	23,793	9.7
Total	245,467	100

Thirty-eight per cent of residents who spoke a language other than English at home lived in Cairns South, 19 per cent lived in Cairns North, and 15 per cent lived in Cairns South Outer (Figure 6).

Figure 6. Number of residents speaking a language other than English spoken at home by region, Cairns and Hinterland Health Service, 2016



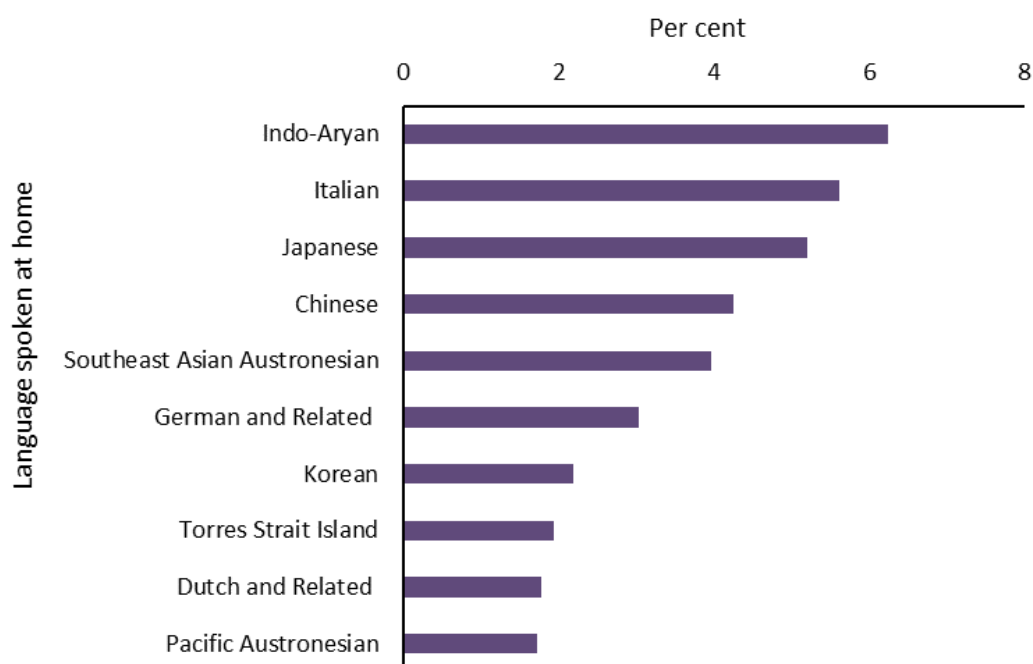
Language Spoken at Home (contd)

After English, the most frequently spoken languages were Indo-Aryan (including Bengali, Gujarati and Hindi) , Italian, Japanese and Chinese (Table 5 and Figure 7).

Table 5. Top languages other than English spoken at home, Cairns and Hinterland Health Service, 2016

Language spoken at home	Number	Per cent
Indo-Aryan	3,130	6.2
Italian	2,813	5.6
Japanese	2,606	5.2
Chinese	2,129	4.3
Southeast Asian Austronesian Languages	1,988	4.0
German and Related Languages	1,518	3.0
Korean	1,098	2.2
Torres Strait Island Languages	971	1.9
Dutch and Related Languages	887	1.8
Pacific Austronesian Languages	863	1.7
Other languages	8,289	31.5
Total	26,292	100

Figure 7. Leading languages other than English spoken at home, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Proficiency in Spoken English

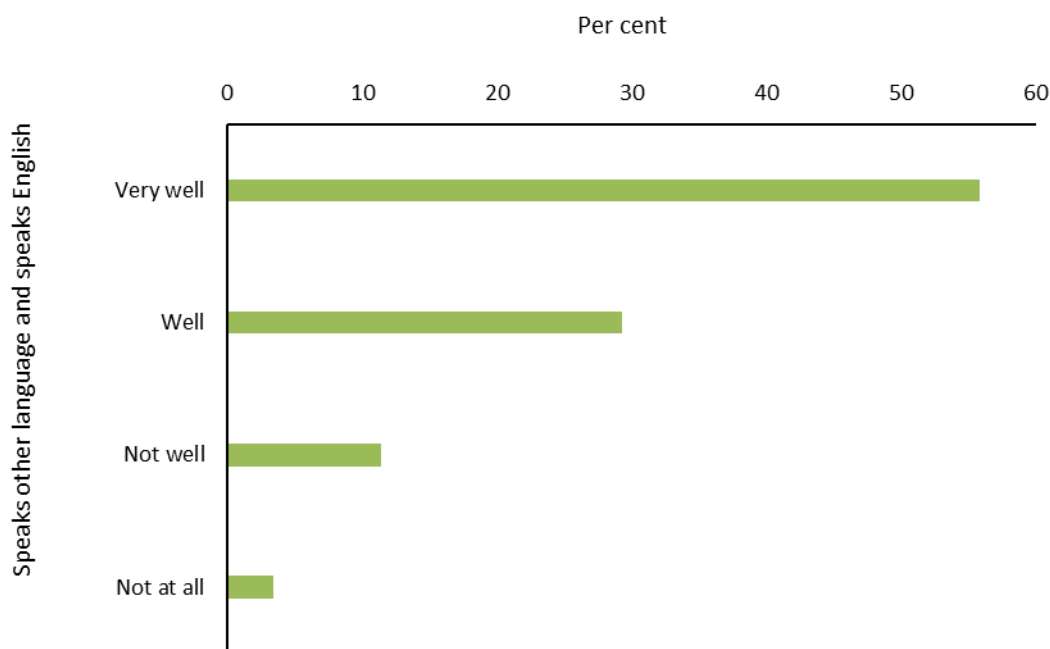
Proficiency in English measures the self-assessed proficiency in spoken English of people who speak a language other than English at home.

This information is useful for the health service to plan for interpreter services in clinical settings, as well as the degree to which health resources should be available in languages other than English.

Of the Cairns and Hinterland residents who spoke a language other than English at home, 85 per cent reported that they spoke English either well or very well (Figure 8).

Fifteen per cent of people speaking another language at home - equivalent to two per cent of the Cairns and Hinterland HHS population (n=4,242) - indicated that they did not speak English well, or did not speak English at all.

Figure 8. Proficiency in spoken English, residents who speak another language at home, Cairns and Hinterland HHS, 2016



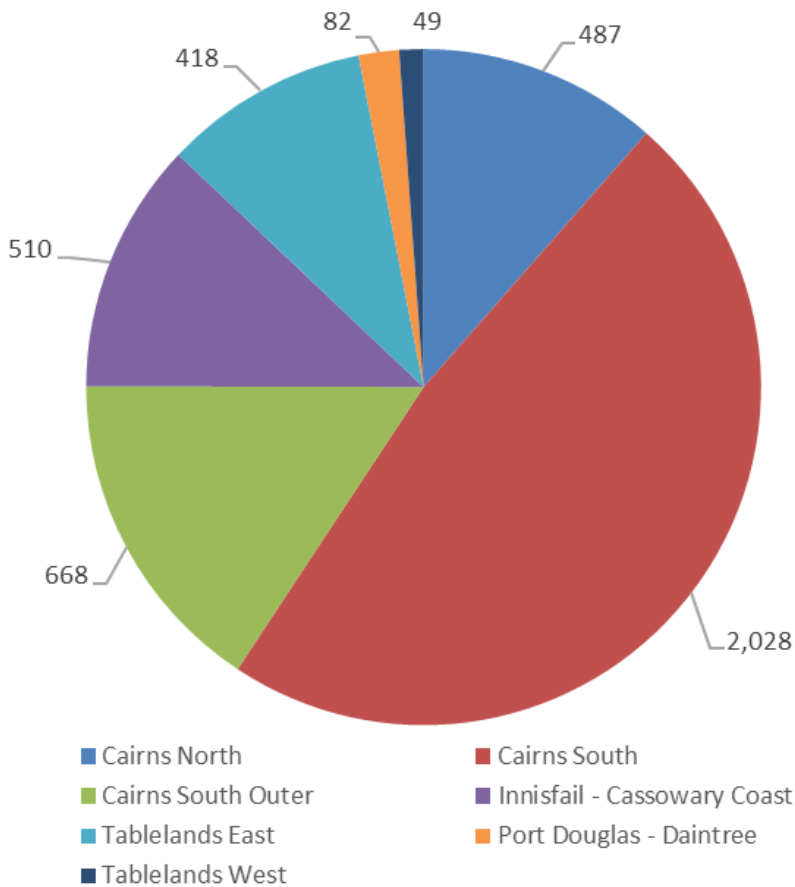
Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Proficiency in Spoken English (contd)

Forty-eight per cent of Cairns and Hinterland HHS residents who reported not speaking English well, or not speaking English at all, lived in the Cairns South region.

Sixteen per cent lived in the Cairns South Outer region, and 12 per cent lived in Cairns North (Figure 9).

Figure 9. Proficiency in English by region, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Proficiency in Spoken English (contd)

Table 6 shows the leading language groups for residents who reported not speaking English well or not speaking English at all.

Residents speaking Indo-Aryan languages (including Bengali, Gujarati and Hindi) accounted for the largest number of people who reported not speaking English well or at all (n=693), whilst residents speaking Burmese and related languages, Korean and Hmong-Mien reported the highest percentage of people not speaking English well or at all (Table 6).

Table 6. Proficiency in English by leading languages spoken at home, Cairns and Hinterland HHS, 2016

Language spoken at home	Speaks English well or very well	Does not speak English very well or at all	Total	Does not speak English well or at all Per cent
Indo-Aryan	2,414	693	3,131	22.1
Chinese	1,581	517	2,128	24.3
Korean	692	394	1,089	36.2
Hmong-Mien	466	244	716	34.1
Mon-Khmer	498	156	660	23.6
Tai	502	122	635	19.2
Burmese and related	56	66	124	53.2

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Ancestry

Ancestry defines the cultural association and ethnic background of an individual going back three generations. Ancestry is a good measure of the total size of cultural groups in Cairns, regardless of where they were born or what language they speak.

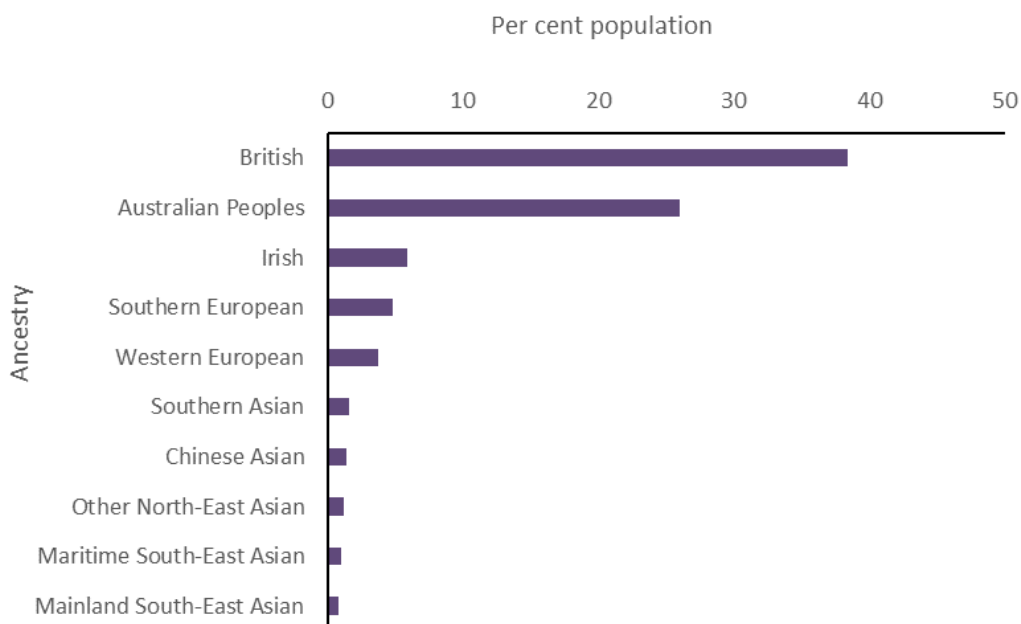
Census respondents may report more than one ancestry, however only the first ancestry stated by Census respondents is reported in this paper.

Thirty-nine per cent of Cairns and Hinterland HHS residents reported British ancestry in 2016, with 26 per cent reporting Australian ancestry (Figure 10).

Table 7. Proficiency in English by language spoken, Cairns and Hinterland HHS, 2016

Ancestry	Number	Per cent
British	95,084	38.5
Australian Peoples	64,456	26.1
Irish	14,641	5.9
Southern European	11,918	4.8
Western European	9,389	3.8
Southern Asian	3,916	1.6
Chinese Asian	3,420	1.4
Other North-East Asian	3,038	1.2
Maritime South-East Asian	2,628	1.1
Mainland South-East Asian	2,114	0.9
Other	11,400	4.6
Not stated	25,126	10.2
Total	247,257	100

Figure 10. Reported ancestry (Top 10), Cairns and Hinterland HHS, 2016

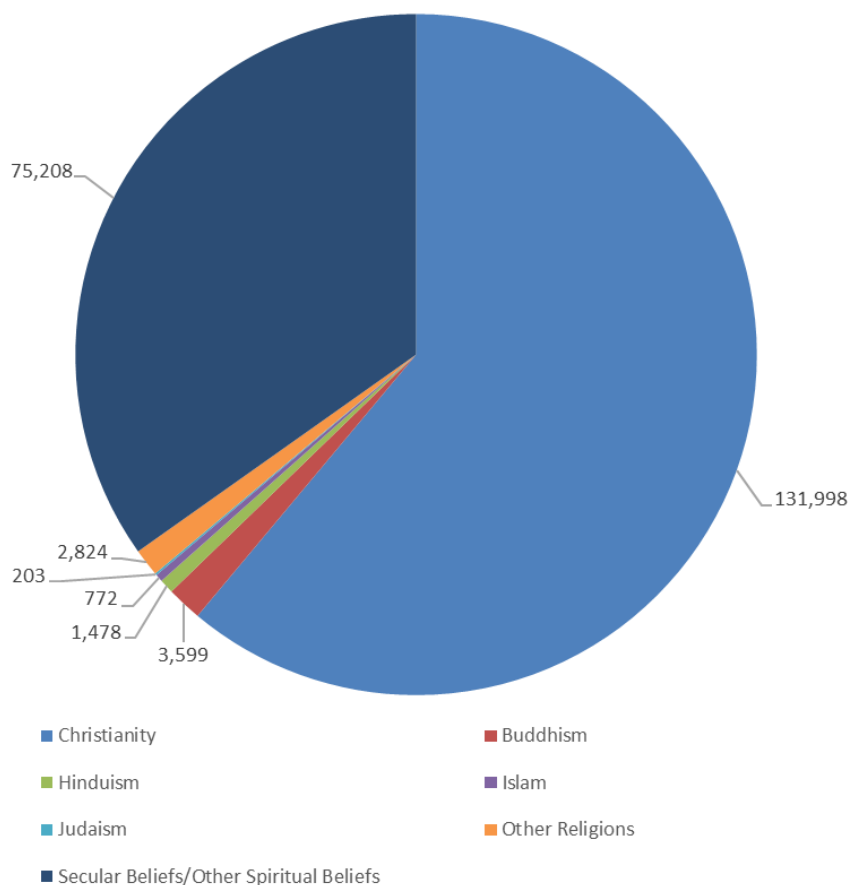


Religious Affiliation

Religious affiliation is an indicator of cultural identity and ethnicity when observed in conjunction with other key variables.

A total 140,874 residents of the Cairns and Hinterland HHS identified a religious affiliation in 2016 (57 per cent). Thirty per cent of the population (n=75,208) reported either no religious affiliation or other spiritual beliefs (Figure 11).

Figure 11. Religious affiliations, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Religious Affiliation (contd)

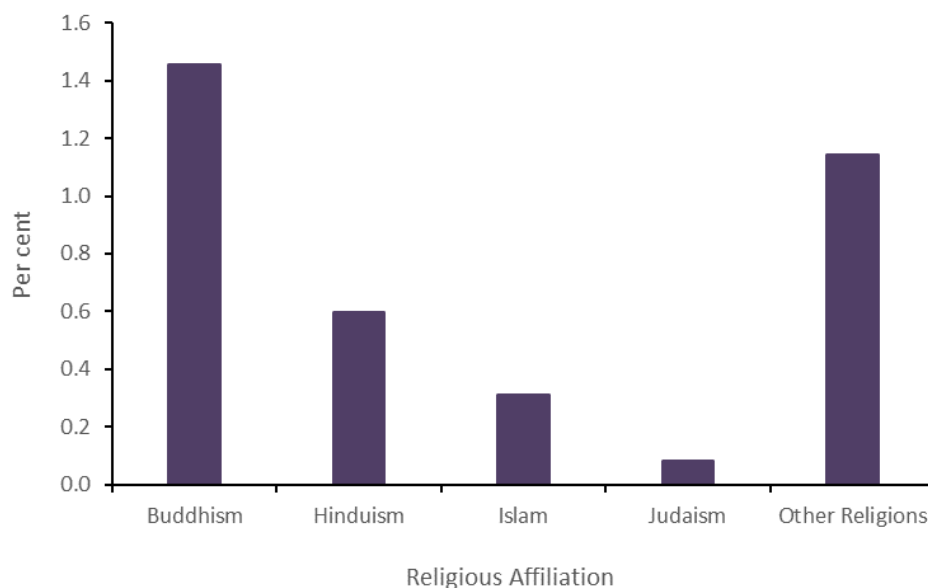
Fifty-three per cent of the population identified as Christian, with leading religious affiliations other than Christianity including Buddhism, Hinduism and Islam (Table 8 and Figure 12).

Table 8. Leading religious affiliations, Cairns and Hinterland HHS, 2016

Religious Affiliation	Number	Per cent
Christianity	131,998	53.4
Buddhism	3,599	1.5
Hinduism	1,478	0.6
Islam	772	0.3
Judaism	203	0.1
Other Religions	2,824	1.1
Secular Beliefs/Other Spiritual Beliefs	75,208	30.4
Inadequately described/Not stated	31,198	12.6
Total	247,257	100

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Figure 12. Leading religious affiliations other than Christianity, Cairns and Hinterland HHS, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016

Appendix

Planning Region Geography

The regions profiled in this series are based on aggregation of Statistical Areas (Level 2) detailed in the table below and correspond with the planning regions presented in the Cairns and Hinterland Hospital and Health Service Clinical Services Plan, 2018-2022.

Cairns and Hinterland HHS Planning Region	Statistical Area Level 2
Cairns North	Brinsmead
	Clifton Beach - Kewarra Beach
	Freshwater - Stratford
	Redlynch
	Trinity Beach - Smithfield
	Yorkeys Knob - Machans Beach
Cairns South	Cairns City
	Earlville - Bayview Heights
	Kanimbla - Mooroolool
	Manoora
	Manunda
	Westcourt - Bungalow
	Whitfield - Edge Hill
	Woree
Cairns South Outer	Bentley Park
	Edmonton
	Gordonvale - Trinity
	Mount Sheridan
	White Rock
Innisfail - Cassowary Coast	Babinda
	Innisfail
	Johnstone
	Tully
	Yarrabah
Port Douglas - Daintree	Daintree
	Port Douglas
Tablelands East*	Atherton
	Herberton
	Kuranda
	Malanda - Yungaburra
	Mareeba
Tablelands West	Croydon - Etheridge
	Tablelands

* 'Tablelands East' is described as 'Tablelands (East) Kuranda' in the Cairns and Hinterland HHS Clinical Services Plan 2018-2022.