Finding local area data
Local area data can be used for analysis of an area.

Routledge Lane, Melbourne. Graffiti as street art.
Aims

• Explanation of geographic boundaries / levels in ABS
• Identify sources of local area data
• Use different census products and sources
• Create custom reports and maps
Boundaries – Census Geography

Australian Bureau of Statistics arranges data by area size or level – calls this a geography

Local government area (LGA) equates to Council level

State Suburbs (SSC) – are approximately the local area suburb e.g. Sippy Downs
Commonwealth Electoral Division (CED) is available.

Smallest geographic area is Statistical Area Level 1 – the local neighbourhood.

Census Geography Basics

Boundaries

• Consider how a smaller area relates in context to a bigger area

• For example Nambour is part of Sunshine Coast Regional Council

• Some statistical topics may only be available at a larger geographic level e.g. state
Boundaries

• Geographic boundaries may change over time
• Councils may change name and size e.g. Sunshine Coast Regional Council used to include Noosa
• Keep this in mind when using census data
Sources of local area data

• Australian Bureau of Statistics – Census data
• Profile Id
• Council planning information
• Qld Government Statistician’s Office
http://www.abs.gov.au

For quick regional information
Finding local data

Data by Region

Data by Region provides you ease of access to statistics from the ABS and other sources on a particular geographical region. Use the tools to browse, search or explore by map to find statistics about different regions in Australia.

Browse Region

Northern Peninsula Area (R) - View data
Palm Island (S) - View data
Paroo (S) - View data
Pormpuraaw (S) - View data
Quilpie (S) - View data
Redland (C) - View data
Richmond (S) - View data
Rockhampton (R) - View data
Scenic Rim (R) - View data
Somerset (R) - View data
South Burnett (R) - View data
Southern Downs (R) - View data
Sunshine Coast (R) - View data
Tablelands (R) - View data
Toowoomba (R) - View data

Search or Explore by Map

[Sunshine Coast (R) (LGA) (Qld)] Search
Or Show my current location

Current map layer: Local Government Areas

Reset map
### Sunshine Coast (R) (LGA) (36720)

**Queensland**

<table>
<thead>
<tr>
<th>Population &amp; People</th>
<th>Year</th>
<th>Sunshine Coast (R)</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persons (no.)</td>
<td>2017</td>
<td>311,551</td>
<td>24,598,933</td>
</tr>
<tr>
<td>Median Age - Persons (years)</td>
<td>2016</td>
<td>42.4</td>
<td>37.2</td>
</tr>
</tbody>
</table>
Try a Social Atlas

• Social atlases provide thematic maps of different social issues such as ethnicity

• For all areas

• From Profile Id and Australian Bureau of Statistics
What is Profile id?

• A service that interprets census information for you
• Presents trends and key issues
• Social atlas has thematic maps and linked data
• Go to https://profile.id.com.au/
• Choose a council – Sunshine Coast
Welcome to Sunshine Coast Community Profile

“The Sunshine Coast Council Estimated Resident Population for 2017 is 311,211, with a population density of 1.36 persons per hectare.

The Sunshine Coast Council area is located in south-east Queensland, about 100 kilometres north of Brisbane.


Population 311,211
ABS ERP 2017

Land area 229,072
ha (2,291 Km²)

Population density 1.36
persons per hectare
On Social Atlas page, navigate by using the drop down menus.

The Analysis section provides information summarised in a table format.
A Social atlas map. This is interactive (clickable)
Social atlas - maps

• Thematic maps from the Social atlas can be exported

• Excel csv format and an image format export is available
Use the Social Atlas

• Social atlas will help identify areas of diversity, poverty, age, work status, housing, people born overseas

• Identify patterns, strengths and areas of need
The Analysis section of the Social Atlas presents data in a table and provides a summary.

Sunshine Coast

Population density

In 2016, Mooloolaba - Alexandra Headland had the highest population density in Sunshine Coast.

Population density is the average number of people per hectare/square kilometre for Sunshine Coast. It is calculated by dividing the population of a geographic region by its land area, usually measured in hectares or square kilometres.

Dense figures can be misleading as land included in the calculation may not be used for habitation. In the case of Local Government Areas, airports, shopping precincts, national parks, industrial estates etc are included in the land area even though few, if any, people live there. As a result areas with large amounts of residential housing will have higher densities than those where the majority of land is used for industry or open space etc.

<table>
<thead>
<tr>
<th>Area</th>
<th>%</th>
<th>Number</th>
<th>Hectares</th>
<th>Persons per hectare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunshine Coast - Usual residence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunshine Coast</td>
<td>6,721</td>
<td>5,816</td>
<td>1.19</td>
<td></td>
</tr>
<tr>
<td>Ballina - Coorabbin - Cooeeulla - Coolum</td>
<td>1,270</td>
<td>20,952</td>
<td>0.06</td>
<td></td>
</tr>
<tr>
<td>Bli Bli - Rossmount and District</td>
<td>12,840</td>
<td>0.554</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Buderim - Kalua - Maroo - Kunda Park</td>
<td>32,653</td>
<td>3,282</td>
<td>9.92</td>
<td></td>
</tr>
<tr>
<td>Caloundra - Kings Beach - Moffat Beach - Shelly Beach</td>
<td>10,110</td>
<td>574</td>
<td>17.91</td>
<td></td>
</tr>
<tr>
<td>Coolum Beach - Mount Coolum - Yaroomba - Point Ainsworth</td>
<td>14,810</td>
<td>2,844</td>
<td>4.12</td>
<td></td>
</tr>
</tbody>
</table>
Local council

• Go to the Local Council’s website
• Look for the About the council/area information and publications
• A lot of interpretation is already done by planners
• See how this matches up with Profile id
The Sunshine Coast Council website has lots of planning documents. Go to the Council section.
This is one of the many planning documents from the Sunshine Coast Council website.
Sunshine Coast Council Open Data

• Sunshine Coast Council has an Open Data resource
• This provides a wealth of data about the Sunshine Coast region.
• Go to:
• https://data.sunshinecoast.qld.gov.au/
Sunshine Coast Council Open Data

Welcome to the Sunshine Coast Open Data Portal. Explore interactive data, maps and visualisations here.
Profile Id

• Is used by many councils
• Interprets the information from Census data
• Also has economic and social trends.
Welcome to Sunshine Coast Community Profile

“\nThe Sunshine Coast Council Estimated Resident Population for 2017 is 311,211, with a population density of 1.36 persons per hectare.\n
The Sunshine Coast Council area is located in south-east Queensland, about 100 kilometres north of Brisbane.


<table>
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<th>Population</th>
<th>Land area</th>
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</tr>
</thead>
<tbody>
<tr>
<td>311,211</td>
<td>229,072</td>
<td>1.36</td>
</tr>
</tbody>
</table>

ABS ERP 2017 ha (2,291 Km²) persons per hectare
The Community Profile tab provides an interactive map which can be exported.
A directory of topics is available from bottom of the page.
Also consider the Economic Profile – how many jobs?

Welcome to Sunshine Coast Economic Profile

“Sunshine Coast's Gross Regional Product is estimated at $14.99 billion, which represents 4.8% of the state’s GSP (Gross State Product).

Sunshine Coast’s economic profile presents economic information that enables you to describe the area’s role within the broader economy, explore options for economic development and promote the area’s strengths. The information presented here is derived from official sources of information (Australian Bureau of Statistics) as well as Australia’s leading economic modellers, NIEIR. The latest data from each series is always presented in this site.

Economy id industry structure and industry sector profiles use a National Accounts regional econometric model developed by National Economics (NIEIR).
Custom report

• Can generate a custom report

• Go to left hand side – Downloads – Reports

• Select the topic areas required
Generating a custom report which will be emailed to you

Sunshine Coast Council | economic profile

Sunshine Coast
Economic overview

Step 1: Select the industry you would like to produce a report for.

Step 2: Select the topic(s) you would like to include in the report. All selected topics will be combined into one report.

- Introduction
- About the area
- Infrastructure
- Economic indicators
- Population
- Gross product
- Local employment
- Industry composition
- Employed residents
- Unemployment
- Building approvals
- Housing prices
- Housing rental
- Retail trade
- Consumer Price Index
- Industry focus
- Industry sector analysis
- Time series industry sector analysis
- Businesses
- Employment locations
- Journey to work
- Workers place of residence by industry
- Residents place of work by industry
- Jobs to workers ratio
- Workforce summary
- Key statistics
- Age structure
- Income quartiles
- Resident workers
- Key statistics
- Housing cost
- Housing valuation
- Rental listings
- Supporting information
- Overview
- Custom industries
- Agriculture
- Tourism sector analysis
- Workforce characteristics
Profile ID blog

• For articles on population, forecasting, economic analysis, housing and more

• http://blog.id.com.au
Census products

• Quickstats

• Basic community profile
This is the Census products page. QuickStats and Community Profiles are available.

**DATA BY PRODUCTS**

- **QuickStats**
  Three search options providing summary Census data for a selected area

- **Community Profiles**
  Provides an Excel spread sheet of detailed Census data for a selected area
Quickstats

• Is a summary and map of the area

• Search by location

• For example, Sunshine Coast Council
QuickStats

QuickStats makes high level, at a glance Census data available for most areas, from small areas to state, territory and Australia level.

Data presented is based on place of usual residence (that is, where people usually live, rather than where they were counted on Census Night), and are grouped by:

- **Persons** - age, education, language, ancestry, religion and employment of people in the selected area.
- **Families** - including family composition, single parent families and family income in the selected area.
- **Dwellings** - including the structure and type of dwellings, number of bedrooms, household income, mortgage and rent payments, and number of registered vehicles in the selected area.

To find the latest changes to 2016 data, view the [Corrections to 2016 Data](#).

**QuickStats search tools**

Three specialised search tools are available to support you in locating Census data for different geographies and population groups:

For more detail on which geographies will be available, view the QuickStats geography table.

---

**Search QuickStats**

Choose your area:

- Sunshine Coast (R), Qld
- Local Government Area (LGA)
- Shelly Beach (Sunshine Coast - Qld), Qld
- State Suburb (SSC)
- **Sunshine Coast** Hinterland, Qld Statistical Area Level 3 (SA3)

Search QuickStats for the required area
2016 Census QuickStats

Sunshine Coast (R)

Code LGA36720 (LGA)
Search for a Community Profile

People
- Male: 48.2%
- Female: 51.8%
- Median age: 43

Families
- 80,469
- Average children per family
  - for families with children: 1.8
  - for all families: 0.7

All private dwellings
- 129,978
- Average people per household: 2.5
- Median weekly household income: $1,275
- Median monthly mortgage repayments: $1,800
- Median weekly rent: $370
- Average motor vehicles per dwelling: 1.9
Basic Community Profile

• Covers all the Census 2016 questions

• Age, sex, ethnicity, transport

• Download as an Excel file
Questions to ask

• Are there patterns of age ranges?

• What is a major religion here?

• Is there poverty?
Community Profiles

Search Community Profiles

Search for your area here

Community Profiles are excellent tools for researching, planning and analysing geographic areas for a number of social, economic and demographic characteristics.

A Community Profile provides a comprehensive statistical picture of an area in Excel format, providing data relating to people, families and dwellings. They cover most topics on the Census form.

Note: Small random adjustments have been made to all cell values to protect the confidentiality of data. These adjustments may cause the sum of rows or columns to differ by small amounts from table totals. For further information, go to the Census of Population and Housing - QuickStats, Community Profiles and DataPack User Guide, Australia (cat no. 2916.0)
Choose the General Community Profile

2016 Census Community Profiles

Sunshine Coast (R)

Code LGA36720 (LGA)
View the Quickstat for Sunshine Coast (R)

To download a compressed Excel Community Profile spreadsheet of this area, select one of the following profile types. Median and average values may be affected by confidentiality in small areas.

- General Community Profile (497KB)
- Aboriginal and Torres Strait Islander Peoples Profile (272KB)
- Time Series Profile (308KB)
- Working Population Profile (810KB)
Use the List of Tables and List of Topics tabs
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.09</td>
<td>Country of Birth of Person by Sex</td>
</tr>
<tr>
<td>B.13</td>
<td>Language spoken at home</td>
</tr>
<tr>
<td>B.04</td>
<td>Age by Sex - how many old people</td>
</tr>
<tr>
<td>B.17</td>
<td>Total personal income age by sex</td>
</tr>
<tr>
<td>B.14</td>
<td>Religious affiliation by sex</td>
</tr>
</tbody>
</table>
New source – ABS Stats beta

- ABS is producing a new service - ABS Stats beta
- Allows you to access local area data in table format
- Can customise the tables.


- For training go to
Qld Government Statistician’s Office

Population Counter
This population counter shows an estimate of Queensland’s current population.

Data Smart
Register to receive ad hoc alerts about statistics for your region.

Key Links
- Search
- QLD Regional Database
- QLD Regional Profiles
- QLD Thematic Maps
- Residential Development Profiles
- Crime and Justice
- Newsletters

Queensland statistics
Welcome to the Queensland Government Statistician’s Office (QGSO) website. This site contains a wide range of demographic, economic and social data relating to the State of Queensland, as well as information about using statistics and the services we provide.

Resource region population reports, 2017
The Bowen Basin and Surat Basin population reports provide estimates of the number of fly in/fly out and drive in/drive out (FIFO/DIDO) workers living in these regions during the last week of June 2017, and their use of commercial accommodation. This information is based on data collected by Queensland Government Statistician’s Office in 2017.

Data tables are also available for download in Excel format.

Non-resident population projections for these regions are also available.

The resource communities research program outputs contain information about FIFO/DIDO workers by local government areas (LGA) in each of the resource regions. If you are looking for detailed statistics about usual residents of these regions, data by LGA and customised SA2 regions can be found in the Queensland Regional Database. Please note that resource regions defined by SA2 will differ from those defined by LGA boundaries.

Australian Gambling Statistics, 33rd edition
Australian Gambling Statistics (AGS) is a comprehensive set of statistics related to gambling in Australia, covering the entire range of legalised Australian gambling products.

Qgso.qld.gov.au
Select Local Government Area, then in Select Region type in Sunshine Coast
Can Export as a report
When Profile Id not used

• Not all councils use Profile ID
• For example Moreton Bay Regional Council uses an alternative service called Remplan
• Look at the About Council and Development sections for example – dig deeper

• Moreton Bay Regional Council uses this service:
Moreton Bay Regional Council uses Remplan. Use the Economy Profile and Community Profile tabs.
The Moreton Bay Regional Council area (map) spanning 2,037 square kilometres offers diverse lifestyle opportunities. These opportunities are provided by the bayside communities of Redcliffe and Bribie Island in the east, the suburban neighbourhoods extending from between 10 kilometres to 57 kilometres north of the Brisbane CBD alongside major north-south road and rail corridors and the rural townships and rural areas in the west.

The estimated resident population in the Moreton Bay area in 2016 was 438,000 persons, the third largest local government population in Queensland and Australia (following Brisbane and the Gold Coast). The region is also one of the fastest growing areas in Queensland. Between 30 June 2006 and 30 June 2016, the average annual growth rate was 2.8 per cent, compared with 1.9 per cent in Queensland as a whole. The population is currently projected to increase significantly by 2036 to 618,394 persons.

Moreton Bay Regional Council is actively planning to maintain the unique character and attractiveness of the many places that make up the Moreton Bay region. This website contains demographic insights for the Moreton Bay region. For further information, contact Moreton Bay Regional Council on ph: 07 3205 0555.
Census data is the basis for many local area statistics.

Profile ID is very helpful to provide area interpretation.

Consider Council websites and planning documents for more sources.

Local area data may need to be interpreted as part of a bigger area.