

.id What is Profile.id?

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Profile.id is a digital resource that Geographers can use to investigate features of Australia's and New Zealand's population and economy. Data analysts have created a range of interactive resources about places, cities, Local Government Areas and suburbs across Australia and New Zealand.

Link: <https://profile.id.com.au/>

What are the features of this resource?

- Data is sourced from ABS and Stats NZ data.
- Data is analysed and presented on the site in a variety of formats such as GIS, choropleth mapping, population pyramids, statistics, and graphs.
- Current trends can be examined and compared to past trends.
- Students and teachers can freely access Profile.id data.
- It is a useful investigative tool for the following units of study:

STAGE 4:	Place and Liveability	– Community
	Interconnections	– Personal connections
STAGE 5:	Changing Places	– Internal migration
	Human Wellbeing	– Spatial variations in human wellbeing

How can this site be used in the classroom?

Example 1: Stage 4 | Place and Liveability | Community

Task: To examine the age/sex distribution of the population residing in the Sydney suburb of Green Square.

STEP 1: select the Local Government Area of the Sydney suburb of Green Square.



STEP 2: choose the community profile from the following options:



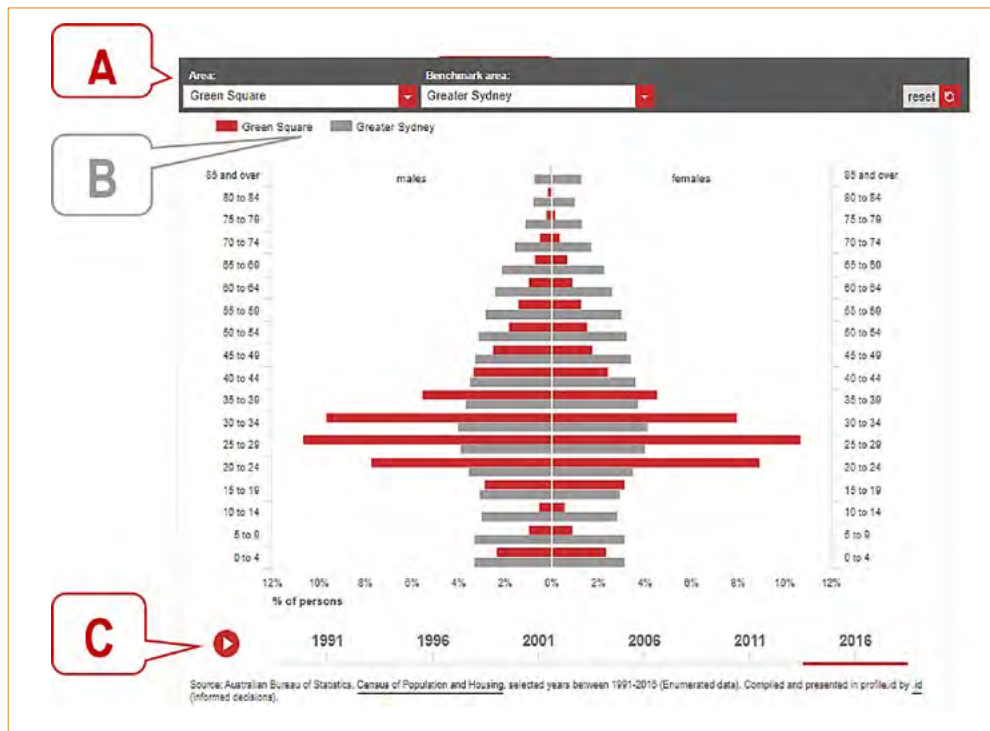
STEP 3: select the specific interest topic – How old are we?



WEB RESOURCE: PROFILE.ID

STEP 4: select Age-sex pyramid to create a population pyramid of your selected area.

- A** – Green Square is selected as the Area. In this example it is being compared with the ‘benchmark area’ of Greater Sydney.
- B** – To deselect data e.g. Greater Sydney – click on the data name shown in the key and a simplified version of the population pyramid is created.
- C** – Click the arrow at the base of the population pyramid and Green Square’s population structure can be presented over time. The following population pyramid shows the population structure of Green Square in 1991



ACTIVITY: Refer to Figure 1: Green Square population structure 2016 [below] to answer the following questions.

1. What age group is largest for the Green Square population?
2. What is the total percentage of people found in this age group?
3. What do your answers to Q1 and Q2 tell us about the Green Square community?

Figure 1: Green Square population structure 2016 [ABS census data]

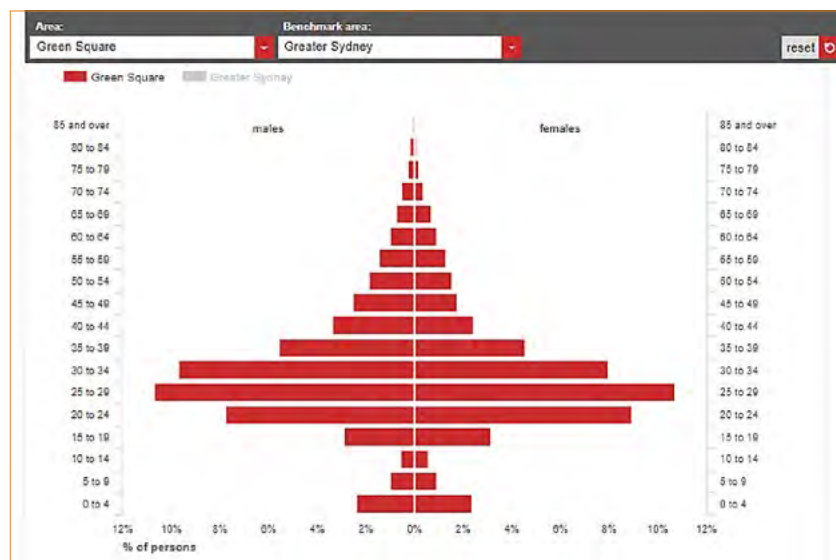
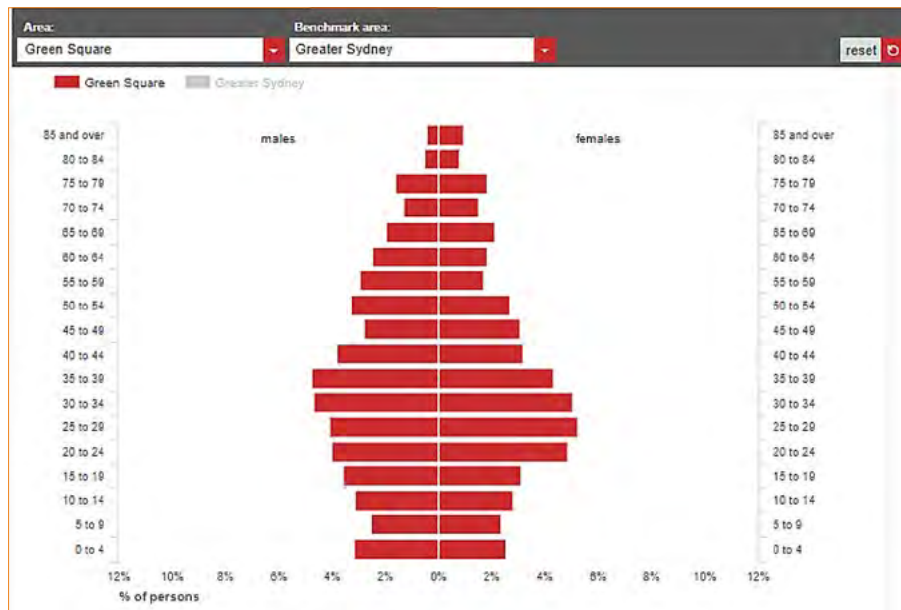


Figure 2: Green Square's population structure 1991 [ABS census data]



ACTIVITY: Refer to Figure 2:
Green Square's population structure 1991 [above] to answer the following questions.

4. What differences can you see between Figure 1 and Figure 2.
5. What do Figures 1 and 2 tell us about the Green Square community?
6. Suggest a reason for the changes you have observed between 1991 and 2016.

Example 2: Stage 5 | Changing Places | Internal migration

ACTIVITY: Think / Pair / Share to explore reasons for relocating within Australia.

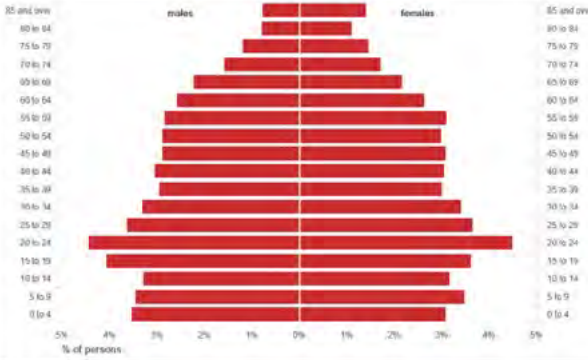
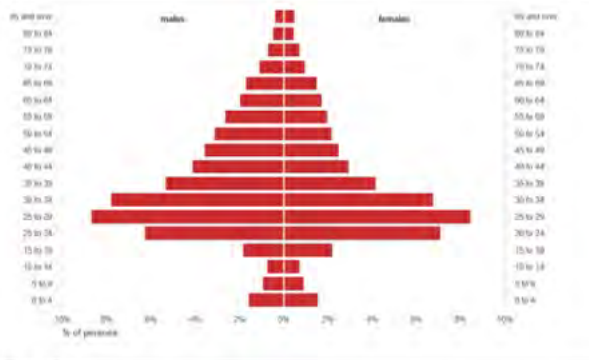
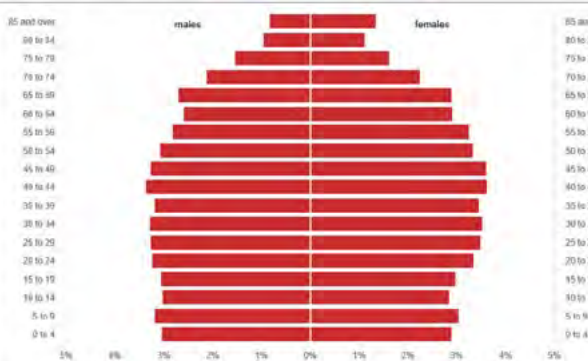
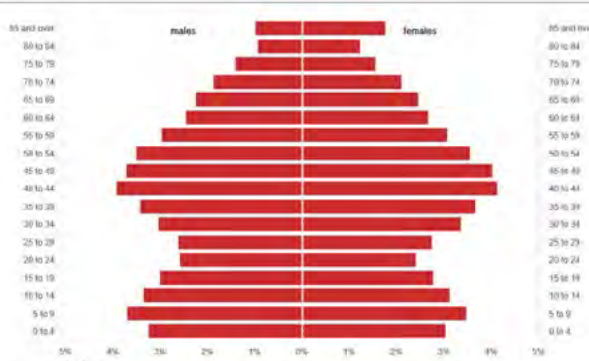
1. Why would people want to live in each of the following locations?

Northern Beaches	A regional NSW town	Gold Coast	An inner-city suburb of Sydney
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2. Why might people want to move away from each of the following locations?

Northern Beaches	A regional NSW town	Gold Coast	An inner-city suburb of Sydney
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3. a. Match the population pyramids with each of the locations given above in the space provided.
 b. Suggest a reason for your choice.

<p>Place A =</p> 	<p>Place B =</p> 
<p>Reason:</p>	<p>Reason:</p>
<p>Place C =</p> 	<p>Place D =</p> 
<p>Reason:</p>	<p>Reason:</p>

GTA NSW & ACT Annual Conference

Ivan Motley, founder and director at .id is presenting a Keynote and workshop at the GTA NSW & ACT Annual Conference on Friday 14 May.

Learn how to find and use the .id tools to tell stories about communities and influence future change in the workshop titled 'Using tools of the trade for Geographers'

ANSWERS

Example 1:

Refer to Figure 1: Green Square population structure 2016 [below] to answer the following questions.

1. What age group is largest for the Green Square population? 25–29 years
2. What is the total percentage of people found in this age group? 21.5 % [10.5% + 11%]
3. What do your answers to Q1 and Q2 tell us about the Green Square community?
Green Square's young adult population in 2016 was the most common age group. 21.5% of the total population was aged 25–29 years.

Refer to Figure 2: Green Square's population structure 1991 [above] to answer the following questions.

4. What differences can you see between Figure 1 and Figure 2?
There is a lower percentage of people aged under 15 years and over 50 years in 2016 compared to 1991. The 2016 population structure shows a more balanced percentage of males and females at each age group. In 1996 there were more females at older age groups, in 2016 were more males in this age group.
5. What do Figures 1 and 2 tell us about the Green Square community?
There has been change within the Green Square community between 1991 and 2016. There has been a decline in the percentage of younger people and older people in the community over time. Most of the population is young adult with a balanced male / female representation.
6. Suggest a reason for the changes you have observed between 1991 and 2016.
Green Square has been transformed into a high-density suburb with fewer jobs linked to the industrial sector. One reason for the lower proportion of young children is the preference of families for a lower density residential suburb with age-appropriate school and recreation facilities. Older residents of Green Square may have been forced out of the area by the high-density housing projects and increased housing prices.

Extension:

What other information would help you to become more informed about the Green Square community? [Ethnicity, car ownership, family size] Use Profile.id to find this information.

Example 2:

Questions 1 and 2 – class discussion:

Using the following images or your own places, discuss the reasons why people may want to MOVE to each place and reasons why people may want to LEAVE each place.



Question 3.

- Place A = Regional NSW Place B = Inner city suburb
Place C = Gold Coast Place D = Northern Beaches