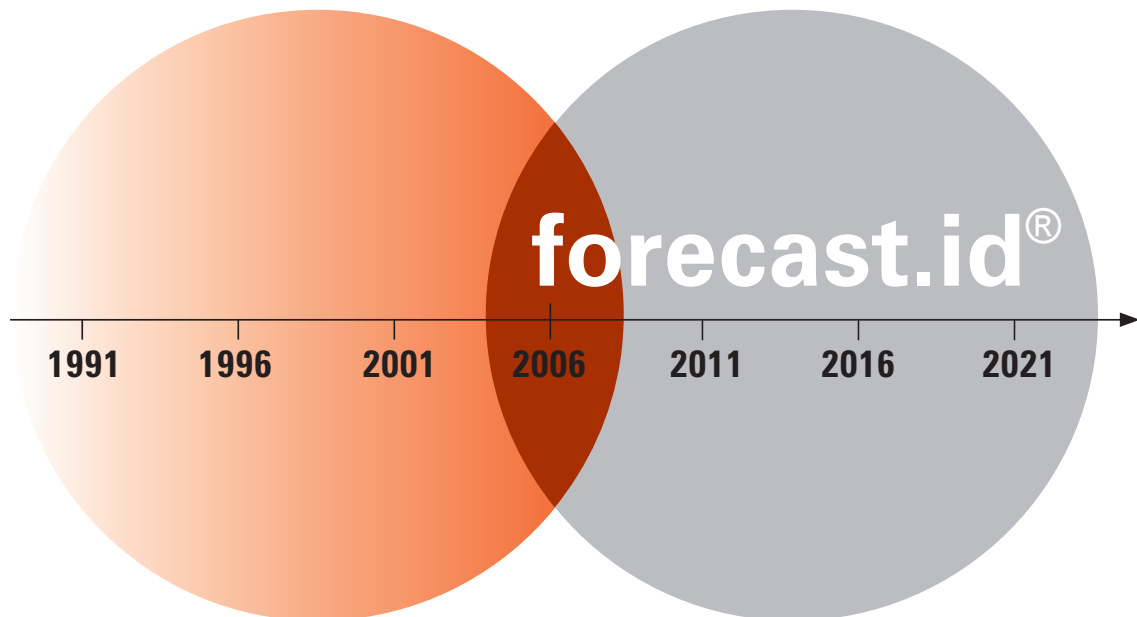


user manual

.id's information products are targeted to provide a consistent insight across your organisation, into the community's characteristics and how they are changing

This is almost all you need to know about using **forecast.id[®]**



Disclaimer

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its agents, contractors or employees in connection with this report
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www.id.com.au



forecast.id® Overview

Welcome to forecast.id®

forecast.id® enables you to:

streamline information management

forecast.id® is designed to provide sophisticated and comprehensive yet easy to use population and household forecast information across the organisation. This important information about the community is designed to be available consistently across the organisation as a web application on everybody's desktop, as well as in hard copy and PDF (for emailing and faxing). There is also a print version of the web application paginated for easy hard copy production.

undertake small area analysis

forecast.id® is output on the basis of customised small areas (suburbs, postcodes, wards etc.), all which are benchmarked to the municipality.

use it in conjunction with profile.id®

forecast.id® provides you with a consistent basis across your organisation on which to plan for service delivery.

deal more effectively with internal information requests

forecast.id® is designed as an education tool that supports decision-making processes in the organisation.

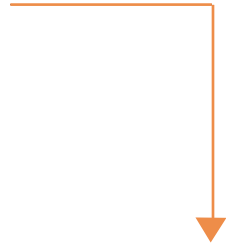
minimise time spent on external information requests

One of the most frustrating requirement for scarce resources in Council is to meet the increasing external demands for demographic related information. forecast.id® can be put on Council's website for external access. Also the functionality of forecast.id® is such that pages can be easily faxed, emailed and printed on request.

avoid costly repetition

Councils frequently commission studies that require a socio-demographic component. Understanding the socio-demographic characteristics of the community usually provides the 'demand-side' analysis for housing strategies, community development studies, municipal health (and well-being) plans, services and facilities plans and rezoning proposals. Socio-demographic components of these studies are frequently sub-standard and almost never forward looking (forecasts). They often derive inconsistent results across the various studies that can cause confusion across Council (and the community). Significant cost and quality assurance benefits will be achieved by commissioning forecast.id®.





use your staff resources for strategic analysis not number-crunching

Producing forecasts requires highly specialised expertise. The cost of producing forecasts internally, depending on the quality of output and depth of analysis, will typically take between 6 - 8 months for 1.5 people (a senior officer and analyst) - at an estimated cost of approximately \$60,000 to \$80,000. **forecast.id**[®] can be produced within 6 to 8 weeks of commissioning and for substantially less cost. We guarantee implementation within the budget and on time. .id also provides technical and interpretive support.

inject knowledge into your organisation

Outsourcing is often criticised for taking knowledge and skills away from an organisation. .id's information products are designed to inject knowledge into the organisation. **forecast.id**[®] will increase your organisation's knowledge base. **forecast.id**[®] uses a process that is aimed at pointing out key drivers of change so that an organisation can develop knowledge and understanding of the reasons for population and household growth and change.

take advantage of .id's expertise

Producing quality population and household forecasts is a project requiring considerable expertise. Information presented in **forecast.id**[®] is delivered within the context of explanation of the cause and effect of housing market change - designed to inform policy, decision making and build the organisation's knowledge base.





forecast.id® User Guide

Content	Page Number	Content	Page Number
1. Introduction		8. Importing/Exporting the data	
What is in this training manual?	7	How to import a table	17
		How to import a chart	17
		How to import a map	17
		How to import into Microsoft Access	17
2. What is forecast.id®		9. How can I apply forecast.id® to workplace situations?	
What data is used?	8	Funding submissions	18
		Strategic planning process	18
		Service delivery and allocation of resources	18
3. What does forecast.id® look like?		10. Technical notes	
The layout	9	How accurate is forecast.id?	19
Tables	10	Why is there only one population and not a number of scenarios?	19
Text	10	How often should the forecasts be reviewed?	19
Charts	11	Base POPULATION estimates	19
		Base HOUSEHOLD estimates	19
4. What does forecast.id® contain?		11. Glossary of terms	21
What are the key results?	12		
What are our assumptions?	12		
How many people will live here?	12		
How old will we be?	12		
How will we live here?	12		
How did we do the forecast?	12		
5. How do I use forecast.id®?			
Which area do you wish to find out about?	13		
What data do you want to view	13		
View this topic for another area	13		
Do you need additional information about the site, product or data?	13		
6. How do I query the data?			
Staff access	14		
Creating a query	15		
7. Printing pages and reports			
Print a single topic for an area	16		
Print all the pages for an area	16		





1. Introduction

This training manual explains:

- what **forecast.id**[®] is
- how to use the **forecast.id**[®] product
- how to apply **forecast.id**[®] to workplace situations

We hope you enjoy using **forecast.id**[®] and welcome any feedback you may have on the product.

.id (informed decisions)
23 Budd Street
Collingwood Vic 3066

Postal address
PO Box 1689
Collingwood Vic 3066

t/ 03 9417 2205
f/ 03 9417 2206
e/ info@id.com.au
www.id.com.au





2. What is forecast.id®?

forecast.id® presents a comprehensive demographic forecasts at the small area level (for example, suburbs) and for the total municipality including;

- Summary of Population, households & dwellings
- Population change (incl. births, deaths & migration) by age
- Population by age & gender (1 year and 5 year cohorts)
- Households by household & family type
- Outputs are for EACH YEAR of the forecast period
- An analysis of the residential role and function of each area, based on a housing market analysis
- complete Microsoft® Office® copy and paste compatibility
- print PDF reports for local area and suburbs
- database driven application with optional query and mapping modules.

forecast.id® enables you to analyse local community characteristics and understand how they will change over time. It also allows you to compare your area to other areas.

forecast.id® enables you to analyse local community characteristics and understand how they are likely to change in the future.

forecast.id® is an Internet-based application which provides forecast information about your local area. The web application is hosted by .id and can be updated regularly to ensure the currency of the forecasts. Information is presented in a clear format which enables access to information by a range of people within your organisation. This information can be easily incorporated into planning documents, presentations, community analysis and funding applications directly from the web application..

What data are used?

forecast.id® uses information derived from the Australian Bureau of Statistics (ABS) Census of Population and Housing which is undertaken every 5 years. Information from the 2001 Census is the key base year.

The forecasts are based on assumptions about all the demographic drivers as they are observed at the local level. These include:

- Birth rates
- Death rates
- Age-specific migration
- Dwelling development rates (both major and infill)
- Regional shifts in housing demand
- Regional shifts in residential land supply





3. What does forecast.id® look like?

The Layout

Population Forecast

campbelltown city council

forecast.id®

home | return to the Campbelltown City Council website

Population forecasts

- What are the key results?

Select an area

- What are our assumptions?
- How many people will live here?
- How old will we be?
- How will we live?

Other websites...

- profile.id (community profile)
- atlas.id (community atlas)
- Sustainability indicators

The Campbelltown City Council population and household forecasts are designed to inform community groups, Council, investors, business, students and the general public. To achieve this, forecast.id® is formatted to present the data in simple, clear tables and charts with concise factual commentary.

To view the forecasts please click on a menu item to the left of the screen.

DISCLAIMER: Whilst all due care has been taken to ensure the content of this website is accurate and current, there may be errors or omissions in it and no legal responsibility is accepted for the information and opinions in this report. In addition, as the website is based on historic information which is subject to revision and assumptions in preparing forecast figures which are both difficult to predict and liable to change, we do not guarantee its currency.

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top of page

Get Adobe Reader

Download SVG Viewer

You should download the required software for free by clicking here in order to be able to view the full functionality of the maps and charts.



The information in **forecast.id®** is extensive and diverse. To make it easier to access, three layout components are used.





Tables

Tables in **forecast.id**[®] present data from 2001 through to 2021, by number and proportion (where applicable). Tables show information for the years 2001, 2006, 2011, 2016 and 2021. Single years are also available and can be found in the queries section.

Summary data	Forecast year				
	2001	2006	2011	2016	2021
Total population	150,154	151,364 ↗	161,402 ↗	173,718 ↗	180,755 ↗
Households	48,171	50,737 ↗	55,701 ↗	60,612 ↗	63,372 ↗
Dwellings	49,124	51,750 ↗	56,838 ↗	61,852 ↗	64,662 ↗
Average household size	3.07	2.94 ↘	2.85 ↘	2.82 ↘	2.81 ↘

↔ stable* from previous year ↗ increase from previous year ↘ decrease from previous year
* stable refers to between +/- 0.5% change

Text

Written analysis within **forecast.id**[®] highlights key points of interest in the data. Assumptions regarding migration, residential development and other assumptions (fertility rates, death rates, vacancy rates etc.) about the small areas are discussed as are key results.

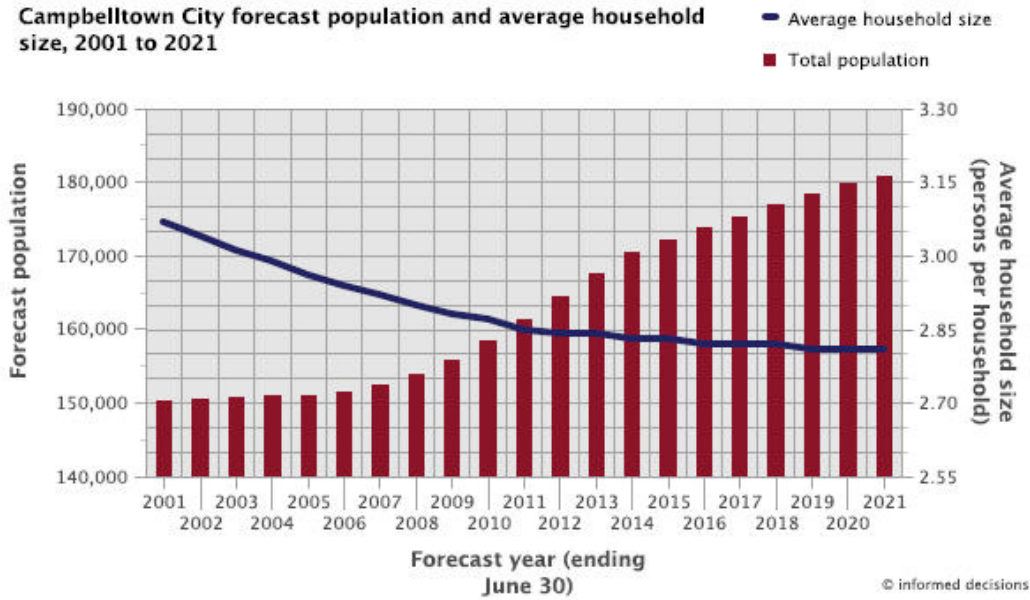
Campbelltown City comprises a variety of residential role and functions. The majority of suburbs are expected to have relatively little change in population due to lack of opportunity for new housing development. Central Campbelltown plays a unique role within the City, providing a focus for employment and education. This area attracts a younger population and has a higher proportion of private rental dwellings and higher density forms of housing, similar to inner urban areas. Some older suburbs, such as Glenfield and Ingleburn are expected to experience significant levels of new development, attracting family age groups. The variety of function and role of the small areas in Campbelltown City means that population outcomes differ significantly across the LGA.



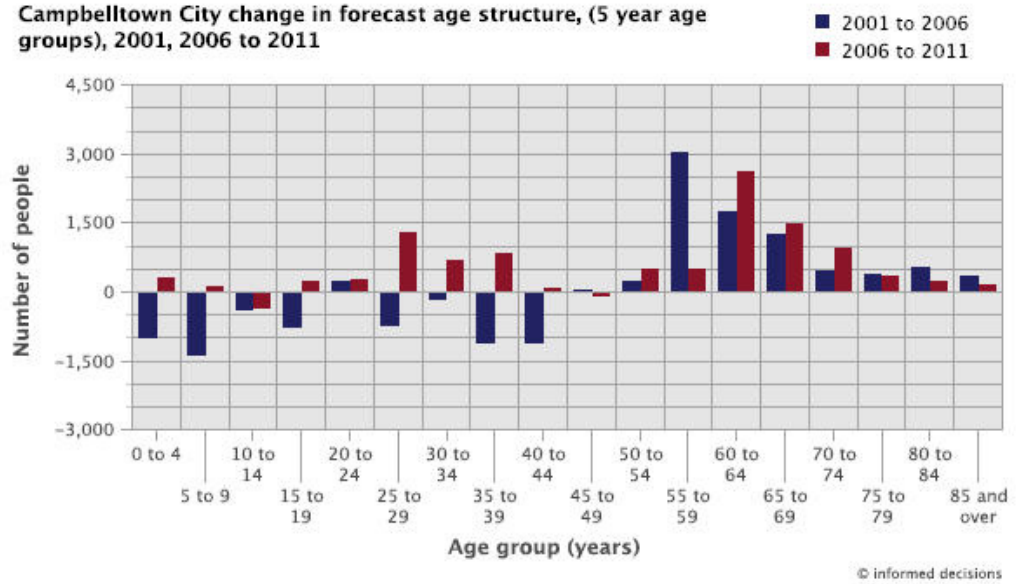
charts

forecast.id® uses bar and line charts to display information. All the charts show change over time either annually or between 5 year time spans.

Campbelltown City forecast population and average household size, 2001 to 2021



Campbelltown City change in forecast age structure, (5 year age groups), 2001, 2006 to 2011





4. What does forecast.id® contain?

The population forecast presented through **forecast.id®** is structured around six main questions. Within each of these, more detailed questions are presented.

What are the key results?

- summary
- key drivers of change
- key age specific results
- key household results

What are our assumptions?

- residential developments
- migration
- other assumptions

How many people will live here?

how many will live here in the future?	population and summary data
how will our population change?	population change

How old will we be?

what will our age structure be?	5 year age groups
what will our service age structure be?	service age groups

How will we live?

what type of household will we live in?	household type
---	----------------

How did we do the forecast?

what are the components of population change?	population change components
what methodology was used?	methodology



5. How do I use forecast.id®?

Population forecasts	
What are the key results?	Campbelltown City
	Airds
	Ambarvale-Englorie Park
Select an area	Bradbury
What are our assumptions?	Campbelltown-Blair Athol
How many people will live here?	Claymore
How old will we be?	Eagle Vale
How will we live?	Eschol Park
	Glen Alpine
	Glenfield
How did we do the forecasts?	Ingleburn
Map of Campbelltown	Kearns
Reports	Leumeah
Site and data info	Macquarie Fields-Macq Links
Staff access	Minto
Other websites...	Raby
profile.id (community profile)	Rosemeadow
atlas.id (community atlas)	Rural Residential
Sustainability indicators	Ruse
	St Andrews-Bow Bowling
	St Helens Park
	Woodbine-Blairmount

Which area do you wish to find out about?

Click on this button to open a drop-down menu that lists the sub-regions in your municipality available for selection. Once you have made a selection, the data you choose will relate to that particular region.

Please note: You can also select an area from the map page.

Population forecasts	
What are the key results?	
Select an area	
What are our assumptions?	Residential development
How many people will live here?	Migration
How old will we be?	Other assumptions
How will we live?	
How did we do the forecasts?	
Map of Campbelltown	
Reports	
Site and data info	
Staff access	
Other websites...	
profile.id (community profile)	
atlas.id (community atlas)	
Sustainability indicators	

What data do you want to view?

To view more information about the selected area, simply choose a question from the main menu. Click on any of the five question buttons to display sub-topics. Click on any of these sub-topics to access the data you require.

View this topic for another area:

To ask the same question, but for another area, change areas using the selection box at the bottom of each page.

View this topic for another area:	
<ul style="list-style-type: none"> Campbelltown City Airds Ambarvale-Englorie Park Bradbury Campbelltown-Blair Athol Claymore Eagle Vale Eschol Park Glen Alpine Glenfield Ingleburn 	<ul style="list-style-type: none"> Kearns Leumeah Macquarie Fields-Macq Links Minto Raby Rosemeadow Rural Residential Ruse St Andrews-Bow Bowling St Helens Park Woodbine-Blairmount

How did we do the forecasts?	
Map of Campbelltown	
Reports	
Site and data info	FAQs (frequently asked questions)
Staff access	Data notes (notes to assist data interpretation)
Other websites...	Glossary of terms (definitions of terms used in forecast.id)
profile.id (community profile)	References
atlas.id (community atlas)	Site map (Links to all pages in this site)
Sustainability indicators	

Do you need additional information about the site, product or data?

Click on this button to access:

FAQ - containing Frequently Asked Questions about using **forecast.id®**
Data Notes - containing information on population and household estimates.

Glossary of terms- definition of all the words used in the forecast.

References- the data sources

PDF report - containing complete community forecasts for the municipality and each of the sub-regions within it. These reports are in PDF format to allow easy and accurate printing, suitable for council distribution.



6. How do I query the data?

The tables in **forecast.id**® present data summarised in 5 year periods and age groups.

However, much more detailed information is available in the query section.

All of the outputs of the forecast model are available here for **each** year of the forecast period for the LGA and each small area. This gives you complete flexibility in aggregating data in exactly the way you need it for the different planning requirements. Data available are:

- Average household size
- Dwellings
- Households
- Total population
- Resident population in private dwellings
- Resident population in non-private dwellings
- Net migration
- Out migration
- In migration
- Net change
- Deaths
- Births
- Non-private dwelling change
- 5 year age groups
- Service year age groups
- Single years of age
- Total households
- Couple families with dependents
- Lone parent families with dependents
- Couples without dependents
- Other families
- Group households
- Lone person households

To access the query system go to.....



Enter login name and password



6. How do I query the data continued.....

Follow the steps to set up your query.

1 Select a type of query

Population and households After selecting a query type, the page will be reloaded...please wait. ← Select the query type

2 Select the type of data for your query

Available data Selected data

Average household size
Dwellings
Households
Total population
Resident population in non-private dwellings

Resident population in private dwellings

Select Remove ← Select the data item(s) you require

3 Select geography for your query

Available geography Selected geography

Eschol Park
Glenfield
Ingleburn
Leumeah
Macquarie Fields-Macq Links

Ambarvale-Englorie Park
Bradbury
Campbelltown-Blair Athol
Claymore
Eagle Vale
Glen Alpine

Select Remove ← Select geography you require

4 Select years for your query

Available years Selected years

2005
2011
2012
2013
2014
2015

2006
2007
2008
2009
2010

Select Remove ← Select the year(s) you require

Reset Run query

Press Run query.....

Your results can be saved into excel format by clicking here.



Alternatively you can copy and paste the table directly into Excel. See section 7



7. Printing Pages and Reports

One of the main issues web users face when printing web pages is unpredictable output. Often text that you really want runs off the page while graphics and advertising that you don't want print beautifully in the centre of the page. To overcome these issues **forecast.id**[®] uses two methods to optimise printing of information.

The two methods for printing pages from within **forecast.id**[®]: "print version" links and "PDF reports".

Print a single topic for an area.

"Print pages" are used to print a single section of information for one region.

To print a page:

1. Click the Print Version link at the top right of the page. This link will redirect you to a print version that does not contain the menu structure and is formatted to suit printing.
2. Click the Print icon on your web browser.



To ensure that the site is printed as accurately as possible it is important that background printing is turned on your browser. This can be done directly with Microsoft Internet Explorer version 5 and above:

1. Select Tools > Internet Options > Advanced from the main menu of Internet Explorer.
2. Scroll down the list until you reach Printing.
3. Click the check box beside Print Background Colour and Images.
4. Click OK.

Print all the pages for an area.

If you would prefer to print a suburb in its entirety, an Adobe Acrobat (PDF) version is available in the reports section of **forecast.id**[®].

To print a PDF report

1. Ensure that Acrobat Reader has been installed on your computer.
2. Click on the Reports option in the main menu and then Download reports.



3. Click the Download link corresponding with the suburb you wish to view.
4. Select "save" report to your computer and then open the report.
5. Once the PDF has been opened in Acrobat, select the Print button on the Adobe Acrobat menu.

Reports	File size	Date last updated	Download
Mitchell Shire	891kb	3/28/2006	Click here...
Beveridge	892kb	3/28/2006	Click here...
Broadford	905kb	3/28/2006	Click here...
Kilmore	905kb	3/28/2006	Click here...
Seymour	892kb	3/28/2006	Click here...
Wallan	912kb	3/28/2006	Click here...
Wandong-Heathcote Junction	900kb	3/28/2006	Click here...

8. Importing / Exporting the Data

Importing the content from the community profile into your Microsoft Office programs is an extremely useful feature of the product that enables you to incorporate the information into your reports or conduct further analysis.

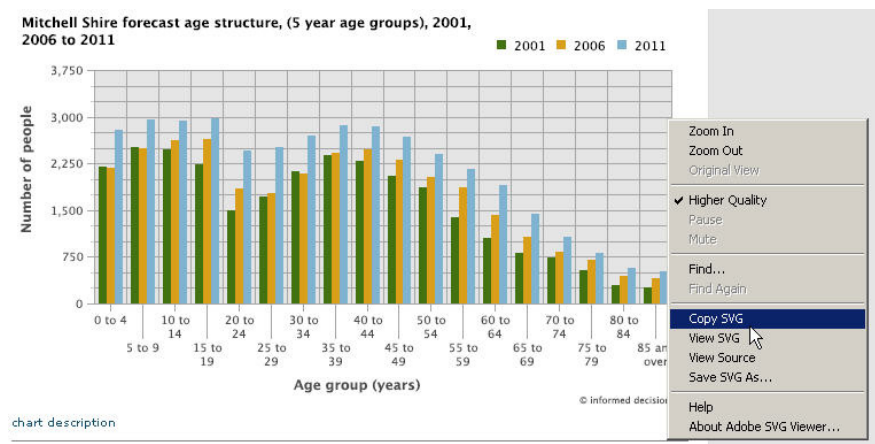
To import a table:

1. Highlight the table you wish to copy and select Edit > Copy from the main menu (Ctrl + c on your keyboard).
2. Open a new Microsoft Excel spreadsheet.
3. Click on the first cell.
4. Select Edit > Paste from the main menu (Ctrl + v on your keyboard).
5. Each number in the table is a separate cell in Excel, so you can do further analysis, make charts etc.

NB: Tables work best in Excel. To copy a table into Word, copy it into Excel first and then copy and paste into Word.

To import a chart:

1. Place the mouse anywhere on the chart
2. Right mouse click and select copy SVG from the menu that appears.



3. Open Microsoft Word/Excel etc
4. Go to edit menu and select “paste special”.
5. Choose “device independent bitmap” from the menu options.

To import a map:

1. Place the mouse anywhere on the map
2. Right mouse click and select “copy svg” from the menu that appears.
3. Open Microsoft Word/Powerpoint etc
4. Go to the edit menu and select, “paste special”
5. Choose “device independent bitmap” from the options.

To import data into Microsoft Access:

1. Import a table into Microsoft Excel and save it.
2. Open Microsoft Access.
3. Create a new database.
4. Select File > Get External Data > Import
5. Select Microsoft Excel from the files of type drop-down menu.
6. Select the Excel file you just created and click on the Import button.
7. Step through the Import Spreadsheet Wizard to set up the format of the table.
8. The data is now in an Access table ready for analysis. Page 17 of 23



9. How can I apply forecast.id® to workplace situations?

Like the other information products produced by .id.(informed decisions), **forecast.id®** has been designed for application across a range of workplace situations:

funding submissions

Funding submissions generally rely on quality concise presentation of key information about target groups - often specific age groups and household types.

Example: Funding for child care centres relies on comprehensive information about key age groups and how they have changed over time. **forecast.id®** enables you to extract age structure tables and charts for the municipality as a whole as well as for each of the small areas. These can simply be cut and paste into your submission or alternatively export the tables to Excel (or Word) to review the table content to suit your submission needs.

strategic planning processes

Local Government Strategic Planning typically covers housing studies, transport, economic base analysis etc. Almost all Local Government Strategic Planning processes require a comprehensive understanding of the community's changing age structure and household type characteristics at the small area level. Based on Census data, **forecast.id®** provides you with a comprehensive demographic forecast, answering questions on key factors such as population size, age structure and household types. The forecast data are available at the municipal level as well as at the small area level, benchmarked to the municipal level. The spatial and temporal comparisons presented in **forecast.id®** set the context for strategic decision making for planners.

Example: Housing studies typically require an understanding of the age and household structures and dwelling types of an area and how they have changed over time. An ageing population with rapidly declining average household size is often indicative of the emergence of empty nester households. Council's Strategic Housing Study will need to draw on these relationships to develop an understanding of changing housing requirements of a changing population which may be addressed in the development of a housing policy.

service delivery & allocation of resources

Local government service delivery decisions as a standard are made at the small area level, typically to target markets defined by age group and household type. The key feature of **forecast.id®** is to provide small area information to assist planning and allocation at that level.

Example: Use the age structure information to identify the differences in the number of 0 to 4 year olds for pre-school services across the small areas constituting the municipality. How do the areas compare? Where will their numbers increase significantly? Where will their numbers decrease significantly? Is there a need to reallocate resources on the basis of expected change to the numbers of 0-4 year olds? Current resourcing levels can be analysed in relation to expected change of 0-4 year olds to support resource allocation decision making.



10. Technical notes

This section tells you about the general questions asked about **forecast.id**[®], the estimates used and a glossary of all the terms used in **forecast.id**[®].

How accurate is forecast.id[®]?

The accuracy of **forecast.id**[®] usually associated with the quality of assumptions that underpin the forecasts. .id attempts to undertake a strong process of consultation to ensure that the assumptions that are used in the forecasts are validated by local government professionals, such as statutory and strategic planners, community service experts and other relevant parties, such as developers.

One of the benefits of the modelling techniques used by .id is the greater ability to scrutinize the assumptions and output, particularly after censuses. The key assumptions that are utilised in the forecasts include:

- residential development
- migration by age
- household formation by age

While the consultation processes ensure a greater degree of accuracy, the nature of urban development and demographic and household change is fluid, meaning that change and alteration to assumptions is always necessary over time. As such, a review of the forecasts is essential every one to two or so years (depending on the area) to check the assumptions and monitor the performance of the forecasts.

.id provides council with an annual status report which shows how the forecasts are travelling

What economic assumptions are taken into account?

Economic assumptions are not explicitly part of the modelling process. They are implied in different ways, depending on the area being forecast.

In regional and rural areas, a close assessment of the local economic conditions must be undertaken, as they have a direct impact on migration patterns and levels of household and population growth.

In urban areas, the current state of the metropolitan and regional economy is assessed as an input to short-term assumptions about levels of residential development. As no economic cycle is assumed as a part of the forecasts, the levels of development may not typify year to year variations in residential and demographic change.

Why is there only one population forecast and not a number of scenarios?

When producing small area population forecasts, .id produces one standard set of outputs.

This is due to a number of reasons.

1. Difficulty of differentiating small area assumptions

There are a multitude of different assumptions that are used in small area forecasts. Providing a sufficient scenario for each of the assumptions would lead to tens or even hundreds of sets of forecasts.

2. Multiple forecasts leads to confusion

Combined experience of more than 20 years in conducting population forecasts and projections within the .id team has showed that multiple scenarios leads to confusion amongst users, who often ask which is the 'best' or 'most appropriate' scenario. Therefore, .id uses a single forecast approach, which allows a greater degree of consistency and more integrated approach by users of the data.



3. Multiple forecasts leads to people using the best-case scenario depending on their viewpoint

The traditional 'projection' approach is to do a number of scenarios, based on varying assumptions. However, the different outcomes are often used by varied interest groups for the purposes of lobbying specific agenda. Therefore, .id uses a single forecast approach, which allows a greater degree of consistency and more integrated approach by users of the data.

4. .id provides scenario analysis services

.id has developed a scenario service, which allows council to test the possible impact of (amongst other things) policy changes on population forecasts. This might include changes to growth corridors policy, medium density housing or diversifying housing markets.

How often should the forecasts be reviewed?

Population forecasts should be analysed and reviewed regularly. The need to update forecasts will vary, depending on the changes occurring at the local area.

Small areas with substantial residential growth, significant demographic change or changes to important institutions (non-private dwellings) need more regular updates (annual to bi-annual). This is also important for areas that are affected by global and national influences (e.g. tertiary student market or business migrants), notably inner city areas or coastal tourism areas. The main reason for updating relates to the fact that new information and new developments are coming to light at regular intervals.

This can be compared to middle suburban areas or rural areas, with stable or well-established housing markets that are less volatile and require less updating (every two to three years). The benefit of regular updating of forecasts is not only to maintain greater accuracy, but also the ability to build knowledge within organisations about key local residential developments and demographic changes.

Base POPULATION estimates

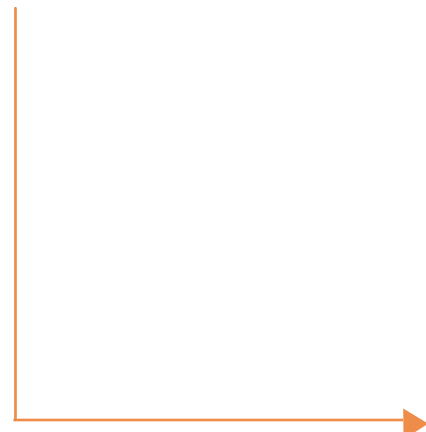
The population figures used in the forecasts for 2001 are derived from estimated resident population from the Australian Bureau of Statistics. These figures are published at the Statistical Local Area level, which are extrapolated to Census Collection District (CCDs) and then aggregated to the chosen small area, sometime splitting CCDs if necessary.

These figures are subject to change or updating from time to time, most notably after census release (usually one to two years after the census is conducted).

Base HOUSEHOLD estimates

The household estimates used in the forecasts for 2001 were based on age and sex-specific population propensities by different household types. Usual residents' estimates by Census Collection District were extrapolated to Estimated Resident Population and then multiplied by household factors to give estimated 'Resident Households'.

The multiplying factor varies depending on the household type (and the area), such as a factor of 1 for persons living in lone person households to 0.5 for an adult in couple families with dependent households. Children and other dependents, such as elderly parents, are not assumed to 'form' households.






Glossary of terms

TERM	DEFINITION
Age (and sex) by household type	Each member of the population is part of a household type by relationship in household. This includes 8 categories: parent in a couple family with children; children in a couple family with children; parent in a single parent family; children in a single parent family; couple without children; persons in lone person households; persons in group households and persons living in other families
Age specific propensities (births and deaths)	This relates to the modelling of births and deaths. At each year of age, there is a certain statistical likelihood of a person dying or giving birth. These age specific propensity rates are applied to the base and forecast population for each year of the forecast period
Age structure	This is term used to describe the range of ages in a population
Ageing in place	This refers to an existing resident population predominantly ageing in their current location, as opposed to migrating elsewhere
Average annual change	A calculation of the average change in a set of data (total population) for each individual year
Average household size	The average number of persons resident in each occupied private dwelling. Calculated as the number of persons in occupied private dwellings divided by the number of occupied private dwellings
Birth rates	The likelihood of a woman in the 'fertile' age groups (15-44) giving birth to a child
'Bottom up' forecast	Population forecast based on assumptions made at the local area level. Local drivers of change such as land stocks and local area migration form the basis of these forecasts
Broadhectare Land or Sites	Broadhectare land refers to undeveloped land zoned for residential development on the fringe of the established metropolitan area. These areas are generally used for rural purposes until residential subdivision takes place. This type of land is also referred to as 'greenfield'
Commencement	The construction of a new dwelling (or beginning of)
Couples with children (couple families with children)	This is one of the major household types in Australia. It consists of a couple (either married or de facto) with dependent or non-dependent children
Couples without children	This is one of the major household types in Australia. It consists of a couple (either married or de facto) without dependent or non-dependent children. This may be as children have already left home, or as a result of a couple not having had children
Death rates	The share of the population that would be expected to die in a year based on age-specific rates
Demographic character	The nature of an area based on its demographic characteristics, notably the age and household types common to a particular geography
Dependents	Refers to people who are not responsible for forming households, such as children, but also including elderly parents and grandparents living with their children or grandchildren (sometimes used interchangeably with children)
Dwelling	A habitable residential building
Dwelling stock	The supply of dwellings (either occupied or unoccupied) in a given geographic area
Empty Nesters	Parents whose children have left the family home to establish new households elsewhere





Enumerated population	The population as counted at the place where they were living on Census night, including visitors and people usually resident elsewhere
Estimated households	This measure attempts to increase the scope of Occupied Private Dwellings definition to include an estimate of dwellings that were temporarily unoccupied at the time of the Census and remove houses. This measure yields much higher estimates of occupancy rates than the usual OPD measure.
Estimated Resident Population (ERP)	This is the estimate of the true resident population based on their usual residence. The ERP at the time of the Census is calculated as the sum of the enumerated (counted) population plus persons temporarily absent less persons who are non-permanent residents (visitors). An undercount of population by small area at Census time is also accounted for and the population is backdated from August to June 30. The ERP for forecast years are based on adding to the estimated population the components of natural increase and net migration.
Fertility rates	The likelihood of a woman in the 'fertile' age groups (15-44) giving birth to a child
Forecast Period	The forecast period for forecast.id® is from 2001 to 2016
'Greenfield sites'	See Broadhectare land
Group households	This is a household type that is comprised of non-related individuals
Home-leavers	Home-leavers are young adults who leave the family home, generally from the ages of 18-29
Household	One or more persons living in a structural private dwelling
Housing market (role or function)	This describes the sort of people who are attracted to various areas, according to their demographic characteristics and social aspirations. Characteristics include age, household type, ethnicity, occupation, tenure etc.
Infill Development	Residential development, usually of a relatively small scale, on redevelopment sites in established urban areas. This usually takes place on land previously used for another urban purpose such as industry or schools. Also referred to as 'intensification' of existing areas
Institutions (institutional population)	This term is used interchangeably with 'non-private dwellings'
Internal household generation	This term is used to describe the phenomenon by which areas generate significant numbers of households. This is generally due to a large number of young adults leaving home in a short period and due to other factors which households such as divorce and separation
Land development	This describes the list of residential development opportunities, including greenfield, redevelopment sites and infill
Lone person (households)	This is one of the major household types in Australia. It consists simply of persons living alone
Mature families	One and two parent families with older children, generally teenagers
Migrant	A person who moves from one area to another
Migration	The movement of people or households from one location to another
Mortality rates	The share of the population that would be expected to die in a year based on age-specific rates
Natural Increase	The increase in population based on the births minus deaths, not including the impact of migration
Net Household Additions	The overall increase in occupied dwellings, determined by the level of new dwelling construction that is permanently occupied, or conversion of non-permanently occupied dwellings to permanently occupied minus demolitions.
Non-private dwellings	These dwellings include persons resident in establishments such as Prisons, student or nurses' accommodation, nursing homes, military facilities, and hospitals.



Occupancy Rate	The proportion of structural private dwellings that are occupied by a household
Occupied Private Dwellings (OPD)	These are all Structural Private Dwellings (SPDs) that are occupied by a household. Excluded are dwellings that were under construction, being demolished or where the resident was unavailable to fill in the Census form
Older families	One and two parent families with non-dependent children, such as those in their twenties (and even early thirties)
One parent families	This is a household type that is comprised of a single parent with a child or children.
Opportunity housing market	Refers to established areas that are affordable and provide opportunities for young home buyers (early to mid twenties). The opportunities for purchase are often afforded by established families upgrading their housing elsewhere
Other family households (or other families)	This is a household type that is comprised of related adults, who are not in a traditional family household. An example includes brothers and sisters living together.
Private dwellings	Self contained dwelling including houses (attached or detached), flats, townhouses etc. Retirement village units are also private dwellings as are houses or flats rented from the government.
Redevelopment sites	These are sites in already established areas not originally developed for residential uses, but identified for conversion to residential use. Examples include former school sites, quarries, derelict industrial land, former petrol stations and the like.
Residential development (or building) opportunities	Areas either designated or with the potential to be developed for residential purposes. They include greenfield and broadhectare sites, as well as redevelopment (changing use) and 'infill' development
Regeneration	This is the process by which older households, such as empty-nesters and old lone person households are replaced by younger households, such as families or young adults, due to the death of elderly or people migrating elsewhere.
'Stagepost'	Areas that play a transitional role in the housing market by generally providing a high share of affordable, rental housing stock. These areas are often important for home-leavers, young adults and recent overseas settler migrants. They are often based on regional centres (metropolitan or country).
Structural Private Dwellings (SPD)	This is the stock of houses, flats, and other dwelling types, which are considered to be structural - i.e. they generate a building commencement. Non-structural types, such as caravans and improvised dwellings are not included. The SPD is the usual base stock from which commencements are added and demolitions deducted.
Suburban growth cycle	This is the traditional path undertaken by suburban areas in major cities of Australia, whereby new greenfield areas are settled by young couples and families. After maturing, the children leave the home, increasing the share of empty nesters. Eventually, the 'original' settlers are replaced (regeneration), sometimes by families and sometimes the area experiences a transformation in its housing stock, with a greater share of young renters.
'Top down' forecast	Population forecast based on assumptions made at the State and National level and allocated into smaller regions e.g. Local Government Areas, suburbs.
Vacancy rate	The proportion of structural private dwellings that are unoccupied
Young adults	Refers to people from the late teens to late twenties
Young couples	Refers to couples without children in their twenties and early thirties
Young families	One and two parent families with young children, generally of pre and primary school age.

