

Accessing ABS data through TableBuilder

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Australian Bureau of Statistics
Informing Australia's important decisions



Overview



- ▶ Some basic concepts to start with
- ▶ Finding data on the ABS website
- ▶ Options for looking at Census data
- ▶ Using TableBuilder
- ▶ TableBuilder user guide

Some basic concepts to start with

A **CENSUS** is a study of everyone in a population.

Pros:

- Measures everyone
- Provides detailed information about small sub-groups



Cons:

- Hard to get info from everyone
- Expensive!
- Takes longer to analyse and publish

A **SAMPLE** is a subset of people, selected to represent different groups in a population

Pros:

- Cheaper than a census
- Quicker!
- Good results if sampling is good



Cons:

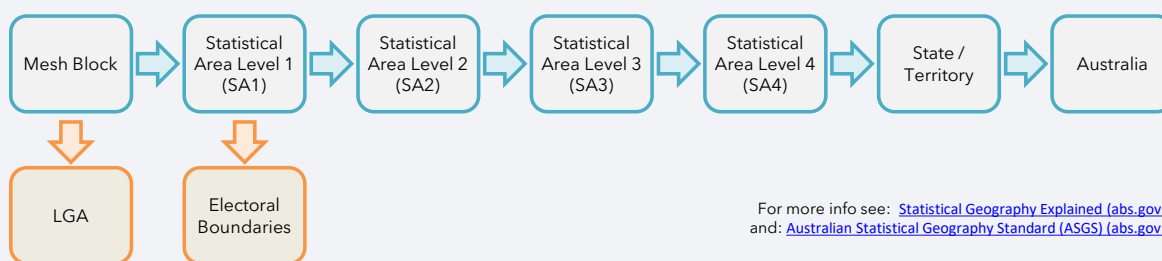
- Small samples might not be representative
- Subject to sampling error
- Less detail available for sub-groups

For more info see: [Statistical Language - Census and Sample \(abs.gov.au\)](https://www.abs.gov.au/Statistical-Language/Census-and-Sample)

Some basic concepts to start with

STATISTICAL GEOGRAPHY provides the extra dimension of location to statistics.

The ABS uses the **Australian Statistical Geography Standard (ASGS)** to describe location at different levels of detail, so we can compare data about cities and suburbs to regional areas or local government areas



For more info see: [Statistical Geography Explained \(abs.gov.au\)](https://www.abs.gov.au/statistical-geography-explained) and: [Australian Statistical Geography Standard \(ASGS\) \(abs.gov.au\)](https://www.abs.gov.au/australian-statistical-geography-standard-asgs)

Census data paints a picture of who we are as Australians and highlights the characteristics – in particular, what's different and what's changed – that make up our big, diverse community.

This data – about who we are, where we've come from, where we live and work – is underpinned by a strong foundation in geographic locations, so it's important to understand the basics of this geography before tackling your Census data questions head-on.

Mesh Blocks (MBs) are the smallest area geographical region. There are approximately 340,000 covering the whole of Australia. They broadly identify land use such as: residential, commercial, agriculture and parks etc. Residential and agricultural Mesh Blocks usually contain **30 to 60** households. Mesh Blocks are the building block for all the larger regions of the ASGS. Only limited Census data, total population and dwelling counts will be released at the Mesh Block level.

Statistical Areas Level 1 (SA1s) are the smallest region for which a wide range of Census data will be released. They have an average population of about 400. They are built from whole Mesh Blocks and there are approximately 55,000 covering the whole of Australia.

Statistical Areas Level 2 (SA2s) have an average population of about 10,000, with a

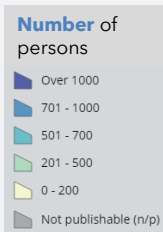
minimum population of 3,000 and a maximum of 25,000. The SA2s are the regions for which the majority of ABS sub-state intercensal data, for example Estimated Resident Population and Health and Vital Statistics, will be released. There are about 2,200 SA2s, built from whole SA1s.

Statistical Areas Level 3 (SA3s) are a medium sized region with a population of 30,000 to 130,000. They represent the functional areas of regional cities and large urban transport and service hubs. They are built from whole SA2s.

Some basic concepts to start with

These interactive maps examine the geographic distribution of people with different levels of disability, by **Statistical Area Level 2 (SA2)** of residence.

Source: Data modelled from **Survey of Disability, Ageing and Carers 2015**

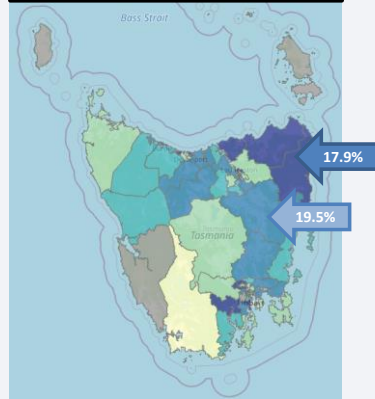


At risk populations: persons with disability

Profound/severe disability



Moderate/mild disability



For more info see: [At risk populations: persons with disability \(arcgis.com\)](https://arcgis.com)

Data is presented by SA2 – which is quite a fine level of geography – on average there are 10,000 people in an SA2

If I pick on the StHelens Scamander SA2 there are 6175 and the Northern Midlands (inc Campbell Town) there are 3660 people.

This is data from the SURVEY of disability and ageing – so not a census and we know that these are not as good as a census for smaller population groups – we might want to find out a little bit more about potential sampling error by going and looking at the Tasmanian data from SDAC.

The other clue that we might need to find out more about the quality of this data is that it is MODELLED – I would guess means used Census data to take a state total down to regional levels based on assumptions around age etc.

We are looking at the NUMBER of persons – totally fine, but we need to be careful with interpreting it...for example the north east corner looks quite dramatic, but when we look a bit closer the St Helens / Scamander SA2 has 1106 out of 6175 or 17.9% of the population with a moderate/mild disability

Northern Midlands has 715 out of 3660 or 19.5%

Finding data on the ABS website



Lots of data available on the ABS website

Some of the key figures on the front page

Specific publications organised by theme on the “Statistics” page

Lots of options for accessing Census data and extra info about the Census on (surprise surprise) the “Census” page

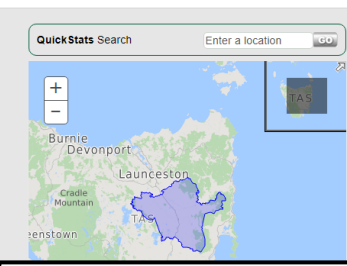
If we click on the “Find Census Data” box we will see

Options for looking at Census data

2016 Census QuickStats

Australia | Tasmania | Statistical Area Level 2
Northern Midlands
 Code 02021001 (SA2)
 Search for a Community Profile

People	3,633
Male	50.8%
Female	49.2%
Median age	45
Families	952
Average children per family for families with children for all families	2 0.6
All private dwellings	1,882
Average people per household	2.3
Median weekly household income	\$883
Median monthly mortgage repayments	\$1,000
Median weekly rent	\$142
Average motor vehicles per dwelling	2.1



QuickStats is a free snapshot of selected data down to SA1 level. Enter the location of interest in the search bar & QuickStats will bring up data from the 2016 Census for that area

Families — family composition

[family composition](#) | [employment status of couple families](#)

Family composition	Northern Midlands	%	Tasmania	%	Australia	%
Couple family without children	474	49.6	57,849	43.1	2,291,987	37.8
Couple family with children	358	37.5	51,286	38.2	2,716,224	44.7
One parent family	115	12.0	23,423	17.4	959,543	15.8
Other family	8	0.8	1,781	1.3	102,559	1.7

Of the families in Northern Midlands (Statistical Area Level 2), 37.5% were couple families with children, 49.6% were couple families without children and 12.0% were one parent families.
[View the data quality statement for Family composition \(FMCF\)](#)

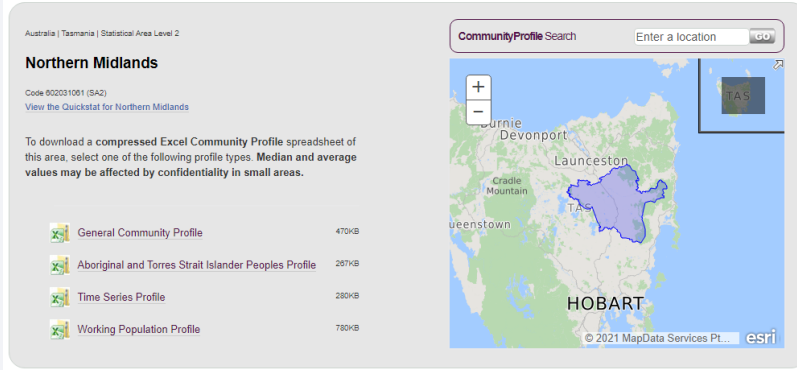
For more info see: [ABS Census QuickStats](#)

QuickStats (FREE) - Summary Census Data to the SA1 level. Three search tools, quick access to summary information about people, families, and dwellings based on place of usual residence. Compares to state and national level.

Will provide the summary on left, and if you scroll down there are lots of tables of additional information below – example of family composition on the right

Options for looking at Census data

2016 Census Community Profiles







Australia | Tasmania | Statistical Area Level 2

Northern Midlands

Code 902031061 (SA2)
View the Quickstat for Northern Midlands

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	470KB
 Aboriginal and Torres Strait Islander Peoples Profile	287KB
 Time Series Profile	288KB
 Working Population Profile	780KB

Community Profiles

are free data in spreadsheet format to SA2 level

The Time Series Profile compares data from the 2006, 2011 and 2016 Censuses where the data classifications are comparable.

For more info see: [ABS Census Community Profiles](#)

•**Community Profiles (FREE)** – intermediate user. SA2 level including Indigenous geographies. Pre populated data. CPs provide comprehensive statistical picture of an area, about the people, families and dwellings based on P of UR. Compare characteristics of different areas based on General community, ATSI and Time Series profiles. Excel based outputs.

Options for looking at Census data

Data Explorer provides data from a range of sources in a tabular format

The screenshot shows the Data Explorer interface with the following filters applied: Region: Australia, Time Period: Start: 2021. The table displays data for 'Census 2021, G16 Highest year of school completed by age by sex, Main Statistical Areas Level 2 and up (SA2+)'. The table has columns for Age, Total, and age groups (15-19 years to 85 years and over). The rows are categorized by Sex (Persons, Males, Females).

Age	Total	15-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
Persons	19,931,405	622,632	1,575,931	3,621,636	3,485,006	3,244,244	3,007,509	2,457,114	1,375,397	541,935
· Males	9,728,776	325,963	804,930	1,789,465	1,714,756	1,588,332	1,464,220	1,186,222	644,612	210,276
· Females	10,202,633	296,669	771,003	1,832,175	1,770,252	1,655,910	1,543,290	1,270,887	730,785	331,660

For more info see www.abs.gov.au/about/data-services/data-explorer

Data Explorer has replaced ABS.Stat

Options for looking at Census data

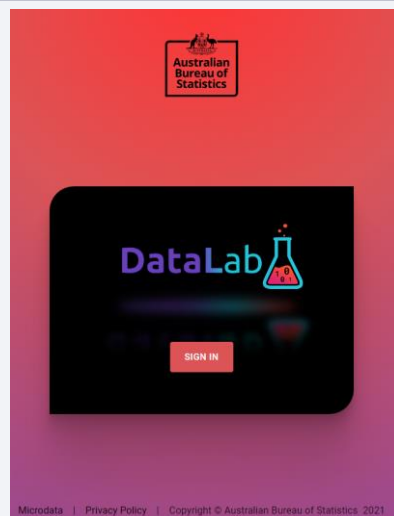
ABS DataLab allows high-end users to undertake real time complex analysis of detailed microdata.

Restrictions on: - who can access data in the DataLab,
- the data they can use, and - the purposes for which they can use it.

Census data can be linked with other datasets for research:

- AEDC 2009 - 2018
- Higher Education 2006 - 2016
- Apprenticeships data 2006 - 2016
- DOMINO Centerlink data 2009 - 2020
- Income Tax Returns 2010-11 - 2017-18
- Medicare Consumer Directory 2006 - 2020
- MBS and PBS 2011 - 2020
- Survey of Disability, Ageing and Carers

For more info see
www.abs.gov.au/statistics/microdata-tablebuilder/datalab

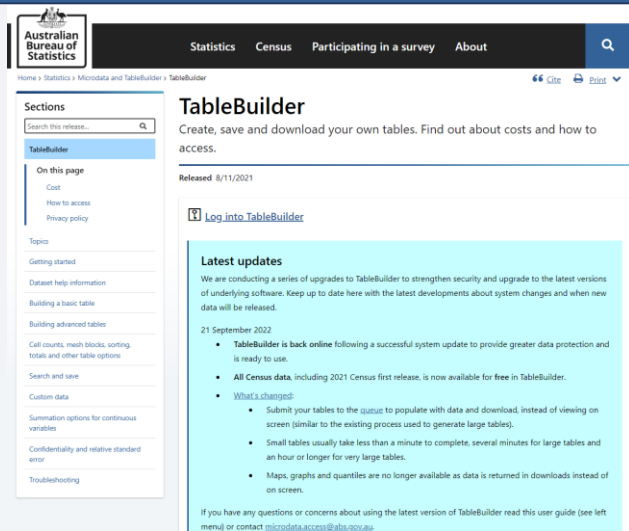


Options for looking at Census Data

ABS TableBuilder allows you to create, save and download your own tables using ABS microdata

It enables us to create customised tables which are confidentialised 'on the fly'.

Provides fine level data across small geographic areas.



The screenshot shows the ABS TableBuilder website. The header includes the Australian Bureau of Statistics logo and navigation links for Statistics, Census, Participating in a survey, and About. The main content area is titled 'TableBuilder' and features a search bar, a 'Log into TableBuilder' button, and a 'Latest updates' section. The updates section, dated 21 September 2022, lists several key changes: TableBuilder is back online after a security update, all census data including the 2021 release is now available for free, and there are changes to the submission process (using the 'query' tool), table completion times (reduced to under a minute), and the availability of maps, graphs, and quantiles (now returned in downloads).

The final option is the reason why you have all turned up today – its ABS TableBuilder TableBuilder has been merged into a single system where you can log in to see all your datasets, including 2021 Census data.

You can access almost all Census data in TableBuilder, and create, save and download your own tables.

To access TableBuilder you need to sign up for an account which only takes a few minutes.

- Register using your organisation email address and you will be automatically joined to your organisation
- Census Basic and Pro are now both free

Using Census Table Builder



Let's have a go at building two tables using 2021 Census basic Cultural diversity

Marital status by age

- with age in 10 year group
- for selected ages
- for women only
- compare across states

English proficiency of migrants to Australia

- proficient / not proficient
- excluding under 5's
- as percentages

We will queue and download each of these tables to populate with data

The screenshot displays the TableBuilder interface for the 2021 Census - cultural diversity dataset. The left-hand side shows a hierarchical list of datasets, with '2021 Census - cultural diversity' selected. The right-hand side shows a list of variables available for this dataset, organized into categories like Geographical Areas, Age and Sex, and Cultural Diversity. The interface includes a search bar, navigation buttons, and a 'Custom data' button.

Open the 2021 Census of Population and Housing Basic dataset – cultural diversity

All the available variables are in the left panel in the Table view

The screenshot displays the TableBuilder interface for the '2021 Census - cultural diversity' data source. The left panel shows a list of variables, with 'MSTP Registered Marital Status' selected. A tooltip indicates it can be added to the Row, Column, or Wafer. The middle panel shows the selected variables, including 'AGE10P Age in Ten Year Groups' and 'MSTP Registered Marital Status'. The right panel shows the resulting table structure with 84 cells (7 columns x 12 rows x 1 wafer).

Table Structure:

AGE10P Age in Ten Year Groups	MSTP Registered Marital Status	Never married	Widowed	Divorced	Separated	Married	Not applicable
0-9 years		-	-	-	-	-	-
10-19 years		-	-	-	-	-	-
20-29 years		-	-	-	-	-	-
30-39 years		-	-	-	-	-	-
40-49 years		-	-	-	-	-	-
50-59 years		-	-	-	-	-	-
60-69 years		-	-	-	-	-	-
70-79 years		-	-	-	-	-	-
80-89 years		-	-	-	-	-	-
90-99 years		-	-	-	-	-	-
100 years and over		-	-	-	-	-	-
Total		-	-	-	-	-	-

You can drag in the variables or categories you want in your table, or select them and click on the 'add to row or column' buttons at the top of the left panel.

Your table structure appears in the right panel.

Data source: 2021 Census - cultural diversity

Variables Saved and predefined tables

Add to: **Row** **Column** **Wafer** **Filter** Remove

Collapse all | Untick all | 2 items selected.

- Local Government Areas (2021 Boundaries) (UR) (9)
- Suburbs and Localities (UR) (9)
- Postal Areas (UR) (12)
- Commonwealth Electoral Divisions (UR) (9)
- State Electoral Divisions (2021 Boundaries) (UR) (9)
- Australian Drainage Divisions (UR) (16)
- Natural Resource Management Regions (UR) (9)
- Empowered Communities (UR) (14)
- SA1 by Main Statistical Area Structure (Main ASGS) (UR) (9)
- SA1 by Greater Capital City Statistical Areas (UR) (9)
- SA1 by Indigenous Structure (UR) (9)
- Age and Sex**
 - AGEP Age (116)
 - AGE5P Age in Five Year Groups (21)
 - AGE10P Age in Ten Year Groups (11)**
 - 0-9 years (10)
 - 10-19 years (10)
 - 20-29 years (10)
 - 30-39 years (10)
 - 40-49 years (10)
 - 50-59 years (10)
 - 60-69 years (10)
 - 70-79 years (10)
 - 80-89 years (10)
 - 90-99 years (10)
 - 100 years and over (16)
 - IFAGEP Imputation Flag for Age (2)
 - IFSEXP Imputation Flag for Sex (2)
 - SEXP Sex (2)
- Aboriginal and Torres Strait Islander Peoples**
 - INGP Indigenous Status (5)
 - LNGP Whether Reported Using an Aboriginal and/or Torres Strait Islander Language at Home (3)

Data source: 2021 Census - cultural diversity

Variables Saved and predefined tables

Add to: **Row** **Column** **Wafer** **Filter** Remove

Collapse all | Untick all | 1 items selected.

- Australian Drainage Divisions (UR) (16)
- Natural Resource Management Regions (UR) (9)
- Empowered Communities (UR) (14)
- SA1 by Main Statistical Area Structure (Main ASGS) (UR) (9)
- SA1 by Greater Capital City Statistical Areas (UR) (9)
- SA1 by Indigenous Structure (UR) (9)
- Age and Sex**
 - AGEP Age (116)
 - AGE5P Age in Five Year Groups (21)
 - AGE10P Age in Ten Year Groups (11)**
 - 0-9 years (10)
 - 10-19 years (10)
 - 20-29 years (10)
 - 30-39 years (10)
 - 40-49 years (10)
 - 50-59 years (10)
 - 60-69 years (10)
 - 70-79 years (10)
 - 80-89 years (10)
 - 90-99 years (10)
 - 100 years and over (16)
 - IFAGEP Imputation Flag for Age (2)
 - IFSEXP Imputation Flag for Sex (2)
 - SEXP Sex (2)
 - Male
 - Female
- Aboriginal and Torres Strait Islander Peoples**
 - INGP Indigenous Status (5)
 - LNGP Whether Reported Using an Aboriginal and/or Torres Strait Islander Language at Home
- Cultural Diversity**
 - ANCP Ancestry Multi Response (12)
 - ANC1P Ancestry 1st Response (11)
 - ANC2P Ancestry 2nd Response (11)
 - ANCRP Ancestry One or Two Response Indicators (11)
 - BFPF Country of Birth of Mother (11)
 - BPLP Country of Birth of Person (11)
 - BPMP Country of Birth of Father (11)
 - BPPP Country of Birth of Parents (5)
 - CITP Australian Citizenship (3)
 - ENGLP Proficiency in Spoken English (7)
 - LANP Language Used at Home (11)
 - RELP Religious Affiliation (9)
 - YARRP Year of Arrival in Australia (raones) (11)

AGE10P Age in Ten Year Groups by MSTP Registered Marital Status by SEXP Sex

Filters:
 SEXP Sex Female

Default summation: Person Records

Wafers:
 Cell count 21 (7 columns x 3 rows x 1 wafers) total.

MSTP Registered Marital Status	Never married	Widowed	Divorced	Separated	Married	Not applicable
AGE10P Age in Ten Year Groups						
20-29 years	-	-	-	-	-	-
30-39 years	-	-	-	-	-	-
Total	-	-	-	-	-	-

Data source: Census of Population and Housing, 2021, TableBuilder
 See [Data confidentiality](#) to understand how TableBuilder confidentialises your tables
 Queue table to view table annotations

You can also add selected categories only to your table. Here we selected 20-29 and 30-39 year olds.

I have also added a filter to only count females.

The screenshot displays the TableBuilder interface for creating a table from the 2021 Census data. The left pane shows the initial table structure with columns for 'MSTP Registered Marital Status' and 'AGE10P Age in Ten Year Groups'. The middle pane shows the variable selection process, where 'STATE (UR)' is being added to the columns. The right pane shows the final table structure with columns for 'STATE (UR)', 'MSTP Registered Marital Status', and 'AGE10P Age in Ten Year Groups'.

I can drag variables within the table to move them from columns to rows or vice versa

Now I'll add state to the columns to I can compare across states

Once your table is ready, you can queue it to populate it with data.

You can choose a different download format in the top right corner before you queue your table, including:

- xlsx
- csv
- sdmx

Once your table is queued, click on the link to get to the queued tables view. You can also get to this view via the three dots menu in the top right corner.

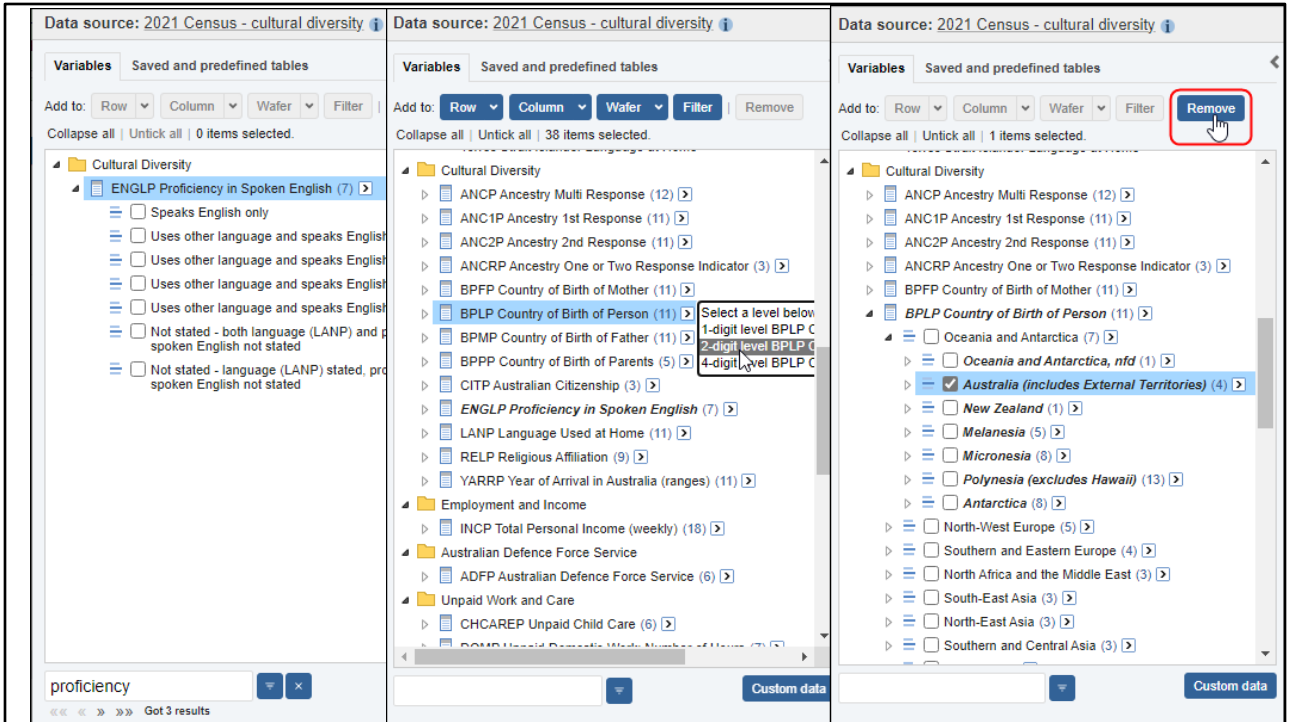
Click on the 'Completed, click here to download' link or you can open the table structure again to make further changes by clicking on the 'view' link

Australian Bureau of Statistics										
2021 Census - cultural diversity										
AGE10P Age in Ten Year Groups and MSTP Registered Marital Status by STATE (UR) by SEX Sex										
Counting: Person Records										
Filters:										
Default Summa Person Records										
SEX Sex	Female									
	STATE (UR)	New South W Victoria	Queensland	South Austr	Western Aus	Tasmania	Northern Ter	Australian C	Other Territories	
AGE10P Age in 10 Year Groups and MSTP Registered Marital Status										
20-29 years	Never married	423062	366909	282868	91569	137167	27818	13175	30027	161
	Widowed	334	282	283	70	127	16	47	13	0
	Divorced	3913	2570	2088	665	1066	237	161	229	0
	Separated	5235	3442	3605	1044	1638	364	270	242	0
	Married	86664	62648	47643	17522	25678	5958	4494	6217	54
	Not applicable	0	0	0	0	0	0	0	0	0
	Total	519208	435846	336493	110854	165680	34390	18140	36719	221
30-39 years	Never married	209319	187587	141899	44416	73317	15904	8977	13249	119
	Widowed	1540	1408	1229	394	634	130	146	83	4
	Divorced	27658	21684	18846	5782	9386	1769	790	1706	11
	Separated	20495	15592	15631	4572	7800	1458	723	1071	13
	Married	335854	279824	188396	65056	110630	17707	10539	22313	149
	Not applicable	0	0	0	0	0	0	0	0	0
	Total	594865	506096	365990	120219	201777	36971	21186	38416	293
Total	Never married	632389	554495	424772	135984	210488	43725	22151	43273	280
	Widowed	1874	1692	1511	461	766	152	196	96	4
	Divorced	31564	24253	20932	6445	10451	2002	953	1928	18
	Separated	25728	19038	19233	5613	9439	1821	987	1309	13
	Married	422519	342470	236038	82579	136305	23665	15030	28530	200
	Not applicable	0	0	0	0	0	0	0	0	0
	Total	1114071	941943	702487	231082	367454	71358	39324	75140	514
Dataset: Census of Population and Housing, 2021, TableBuilder										
INFO	Cells in this table have been randomly adjusted to avoid the release of confidential data. No reliance should be placed on small cells.									
Copyright Commonwealth of Australia, 2021, see abs.gov.au/copyright ABS data licensed under Creative Commons, see abs.gov.au/ccby										

Your download opens in a zip file containing your data in the requested format.

Open the file to display the data.

This example shows a csv download.



Let's build another table using the Cultural diversity dataset.

You can search in the bottom left corner to easily find your variable. Let's add proficiency in English to columns.

Then let's add Country of birth of person at the 2 digit level to the rows.

We can remove the people born in Australia so that we only include migrants in our table.

Data source: 2021 Census - cultural diversity

Variables: Saved and predefined tables

Add to: Row Column Wafer Filter Remove

Collapse all | Untick all | 20 items selected

- SA1 by Main Statistical Area Structure (Main ASGS) (9)
- SA1 by Greater Capital City Statistical Areas (UR) (9)
- SA1 by Indigenous Structure (UR) (9)
- Age and Sex
 - AGEP Age (116)
 - AGE5P Age in Five Year Groups (21)
 - 0-4 years (5)
 - 5-9 years (5)
 - 10-14 years (5)
 - 15-19 years (5)
 - 20-24 years (5)
 - 25-29 years (5)
 - 30-34 years (5)
 - 35-39 years (5)
 - 40-44 years (5)
 - 45-49 years (5)
 - 50-54 years (5)
 - 55-59 years (5)
 - 60-64 years (5)
 - 65-69 years (5)
 - 70-74 years (5)
 - 75-79 years (5)
 - 80-84 years (5)
 - 85-89 years (5)
 - 90-94 years (5)
 - 95-99 years (5)
 - 100 years and over (16)
 - AGE10P Age in Ten Year Groups (11)
 - IFAGEP Imputation Flag for Age (2)
 - IFSEXIP Imputation Flag for Sex (2)

Queue table Clear table Save table Options Remove

2-digit level BPLP Country of Birth | Zero suppression | Age in Five Year Groups by ENGLP Proficiency in Spoken English

Filters: Default summation | Person Records Percentages

Wafer: None Row Column

Cell count 6384 (8 columns x 798 rows x 1 wafers) total, 6920 (8 columns x 865 rows x 1 wafers) displayed

	ENGLP Proficiency in Spoken English	Speaks English only	Uses other language and speaks English: Very well	Uses other language and speaks English: Well	Uses other language and speaks English: Not well	Uses other language and speaks English: Not at all	Not stated - both language (LANP) and proficiency in spoken English not stated	Not stated - language (LANP) stated, proficiency in spoken English not stated	Total
<< 2-digit level BPLP Country of Birth of Person	AGE5P Age in Five Year Groups								
	5-9 years	-	-	-	-	-	-	-	-
	10-14 years	-	-	-	-	-	-	-	-
	15-19 years	-	-	-	-	-	-	-	-
	20-24 years	-	-	-	-	-	-	-	-
	25-29 years	-	-	-	-	-	-	-	-
	30-34 years	-	-	-	-	-	-	-	-
	35-39 years	-	-	-	-	-	-	-	-
	40-44 years	-	-	-	-	-	-	-	-
	45-49 years	-	-	-	-	-	-	-	-
	50-54 years	-	-	-	-	-	-	-	-
Oceania and Antarctica, ntd	55-59 years	-	-	-	-	-	-	-	-
	60-64 years	-	-	-	-	-	-	-	-
	65-69 years	-	-	-	-	-	-	-	-
	70-74 years	-	-	-	-	-	-	-	-
	75-79 years	-	-	-	-	-	-	-	-
	80-84 years	-	-	-	-	-	-	-	-
	85-89 years	-	-	-	-	-	-	-	-
	90-94 years	-	-	-	-	-	-	-	-
	95-99 years	-	-	-	-	-	-	-	-
	100 years and over	-	-	-	-	-	-	-	-

We'll add Age in 5 year groups, but not include under 5s. You can select using 'shift+click' to select a range of categories within a variable.

Select the first category you want, then hold Shift key, and click the last category you want, to select all categories in between, then add to rows.

Under options we can change our table to display percentages instead of counts when we download it.

The table is now ready to queue to populate it.



Australian Bureau of Statistics

2021 Census - cultural diversity

2-digit level BPLP Country of Birth of Person and AGE5P Age in Five Year Groups by ENGLP Proficiency in Spoken English

Counting: Person Records

Filters:

Default Summation: Person Records

Percentage: Total

ENGLP Proficiency in Spoken English		Speaks English only	Uses other language and speaks English: Very well	Uses other language and speaks English: Well	Uses other language and speaks English: Not well	Uses other language and speaks English: Not at all	Not stated - both language (LANP) and proficiency in spoken English not stated	Not stated - language (LANP) stated, proficiency in spoken English not stated	Total
English	5-9 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	10-14 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oceania and Antarctica, nfd	15-19 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	20-24 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	25-29 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0000482%
	30-34 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	35-39 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	40-44 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	45-49 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	50-54 years	0.0000482%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0000482%
	55-59 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	60-64 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
New Zealand	65-69 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	70-74 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	75-79 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	80-84 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	85-89 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	90-94 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	95-99 years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	100 years and over	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	5-9 years	0.0850227%	0.0357654%	0.0075289%	0.0009155%	0.0000843%	0.0007107%	0.0002891%	0.130377%
	10-14 years	0.1801763%	0.0607735%	0.003903%	0.0006144%	0.0002048%	0.0012046%	0.0002048%	0.2470694%
15-19 years	0.21599%	0.0658089%	0.0032886%	0.00053%	0.0002168%	0.001313%	0.0002891%	0.2874124%	
20-24 years	0.276378%	0.0722416%	0.0038428%	0.0006505%	0.0001927%	0.0032043%	0.0002048%	0.3567267%	
25-29 years	0.3765449%	0.0683868%	0.004421%	0.0008914%	0.0002048%	0.0040235%	0.0001927%	0.4546269%	
30-34 years	0.4543378%	0.0654836%	0.0055554%	0.0008432%	0.0001446%	0.0048908%	0.0002289%	0.5314843%	
35-39 years	0.45959%	0.0496188%	0.0047824%	0.0006023%	0.0000723%	0.0040114%	0.0002409%	0.5178459%	
40-44 years	0.4836223%	0.0441376%	0.004433%	0.0006505%	0.0001446%	0.0033609%	0.0001927%	0.5364212%	
45-49 years	0.5498167%	0.0354161%	0.0043246%	0.0009757%	0.0001686%	0.0026502%	0.0000964%	0.5934122%	
50-54 years	0.5447814%	0.0248635%	0.0031079%	0.0008673%	0.0001325%	0.0020117%	0.0001927%	0.575921%	
55-59 years	0.5321448%	0.019527%	0.0026863%	0.0008035%	0.0001927%	0.0019274%	0.0001807%	0.5574781%	
60-64 years	0.4984408%	0.0430272%	0.0043246%	0.0009757%	0.0001686%	0.0033609%	0.0001927%	0.5680424%	

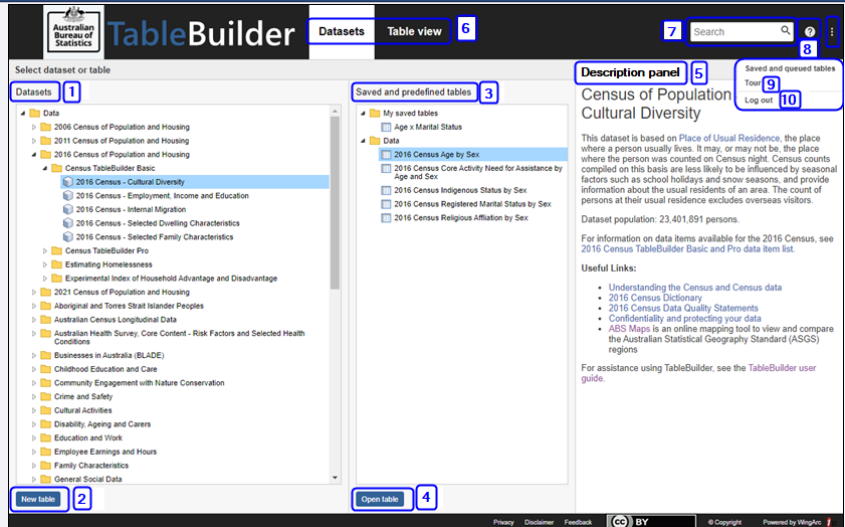
Here's the table downloaded in xlsx format

TableBuilder user guide

TableBuilder user guide

contains step by step examples on how to use TableBuilder including screenshots

For more info see www.abs.gov.au/statistics/microdata-tablebuilder/tablebuilder



The screenshot displays the TableBuilder web application interface. At the top, there is a navigation bar with 'TableBuilder' and 'Table view' tabs, along with a search bar and user information. The main content area is divided into three panels:

- Datasets (1):** A tree view showing various census datasets. The '2016 Census - Cultural Diversity' dataset is selected.
- Saved and predefined tables (3):** A list of saved tables, including '2016 Census Age by Sex' and '2016 Census Core Activity Need for Assistance by Age and Sex'.
- Description panel (5):** A detailed description of the selected dataset, including its purpose and available data items.

Additional elements include a 'New table' button (2) and an 'Open table' button (4) at the bottom of the interface.



ME!!!

I am always happy to have a chat...
about anything really!

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Questions?

