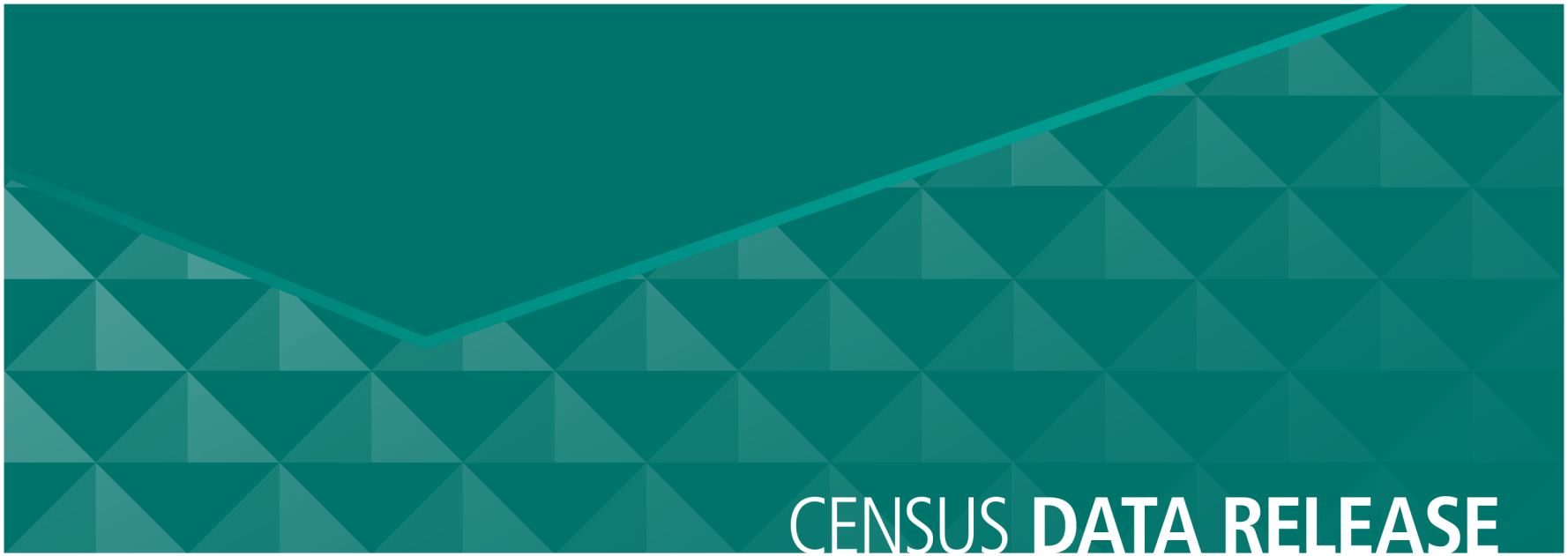
Australian Bureau of Statistics

2016 Census Data Seminar



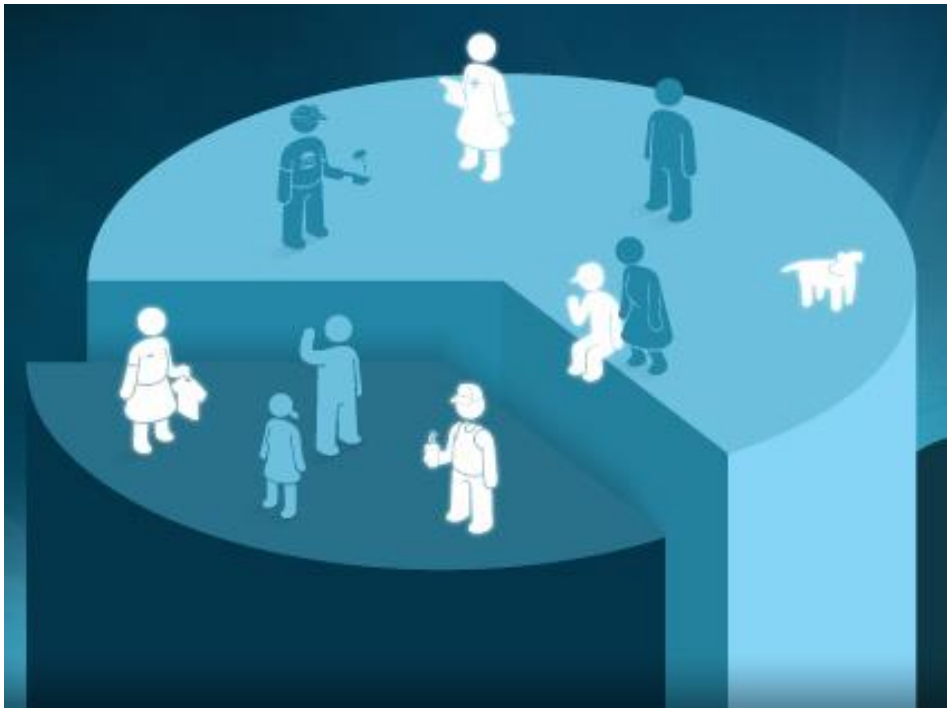
Value of the Census

Allocation of government funds and support for elections

Government planning, administration and policy development

Use in other ABS statistics

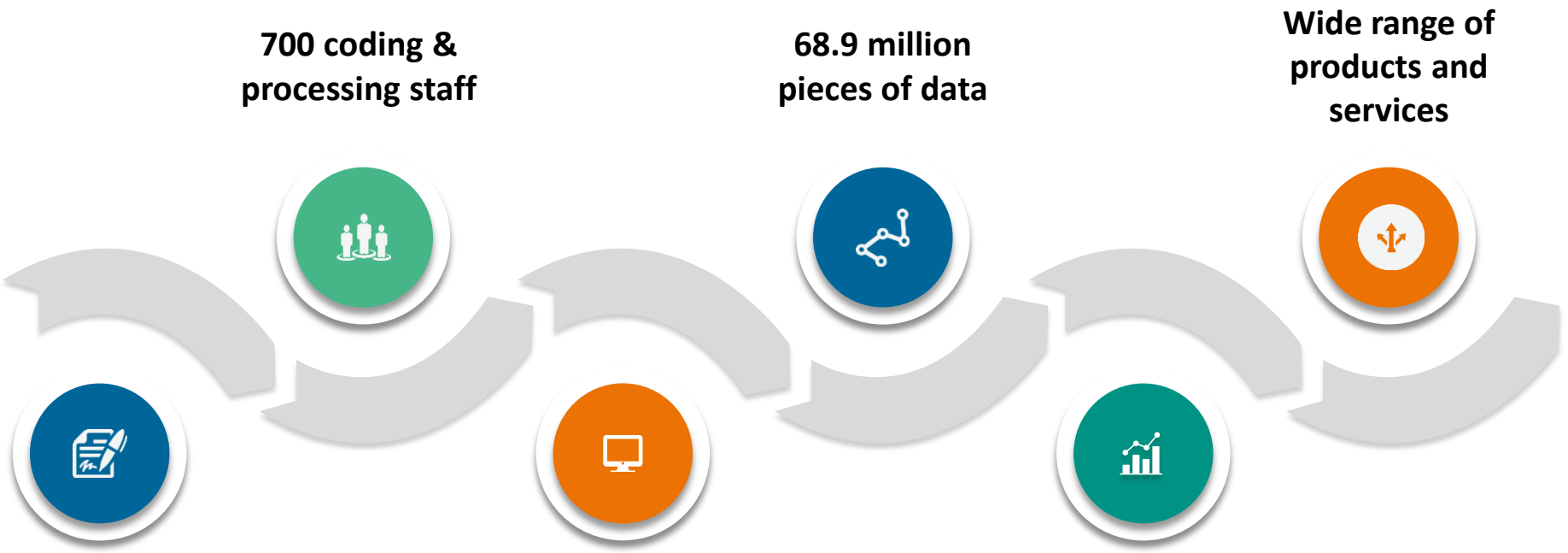
Use by communities, businesses and researchers



The most comprehensive and detailed picture of Australia's population and housing, and how Australia is changing.

Census data - from forms to statistics

Australian Bureau of Statistics



High Quality Census

95.1% **Overall response rate**

63.2% **Online response rate**

1.0% **Net undercount**

2016 Census Data Summary

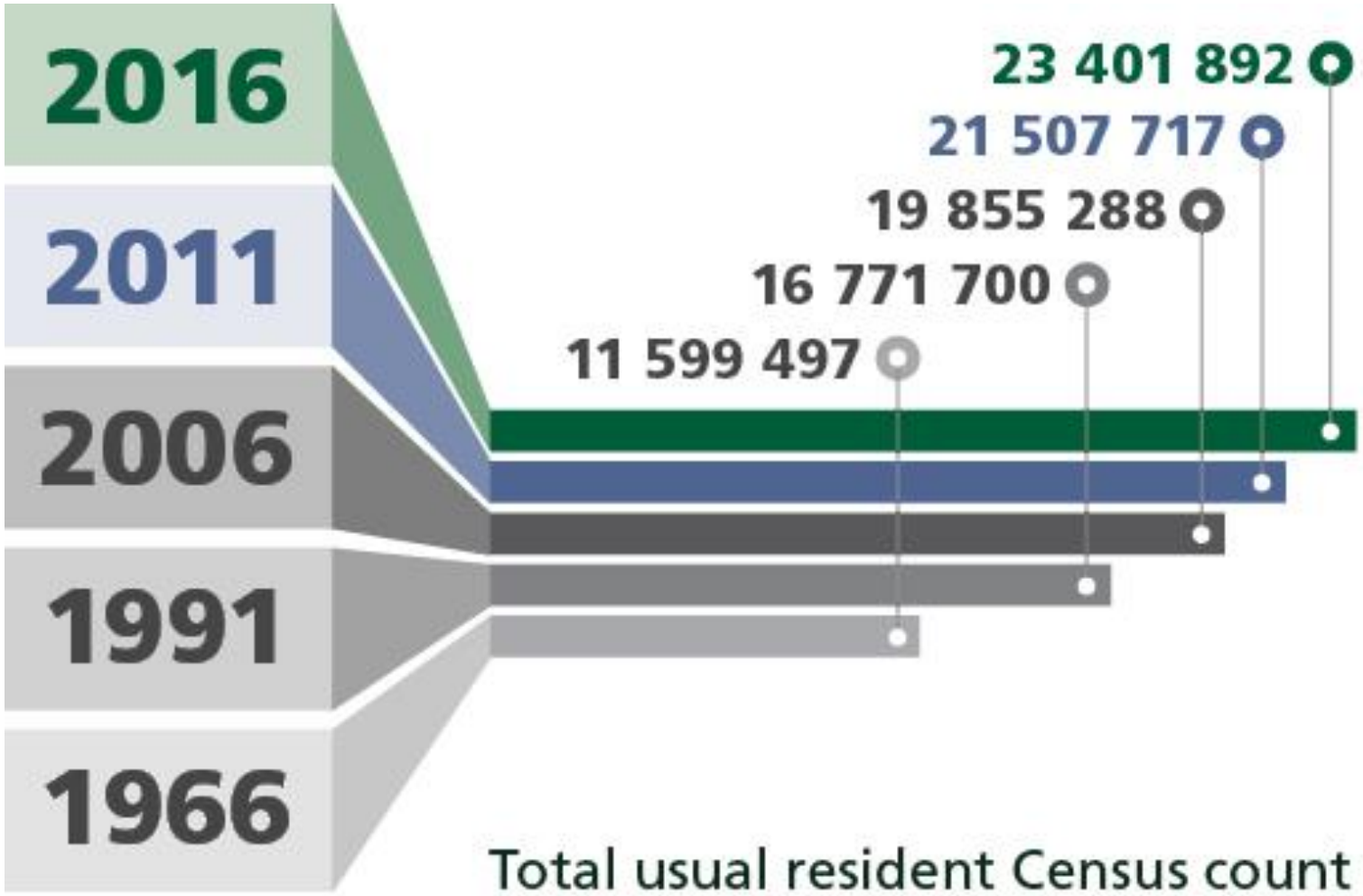
Snapshot of Australia

Australian Bureau of Statistics

Your Australia

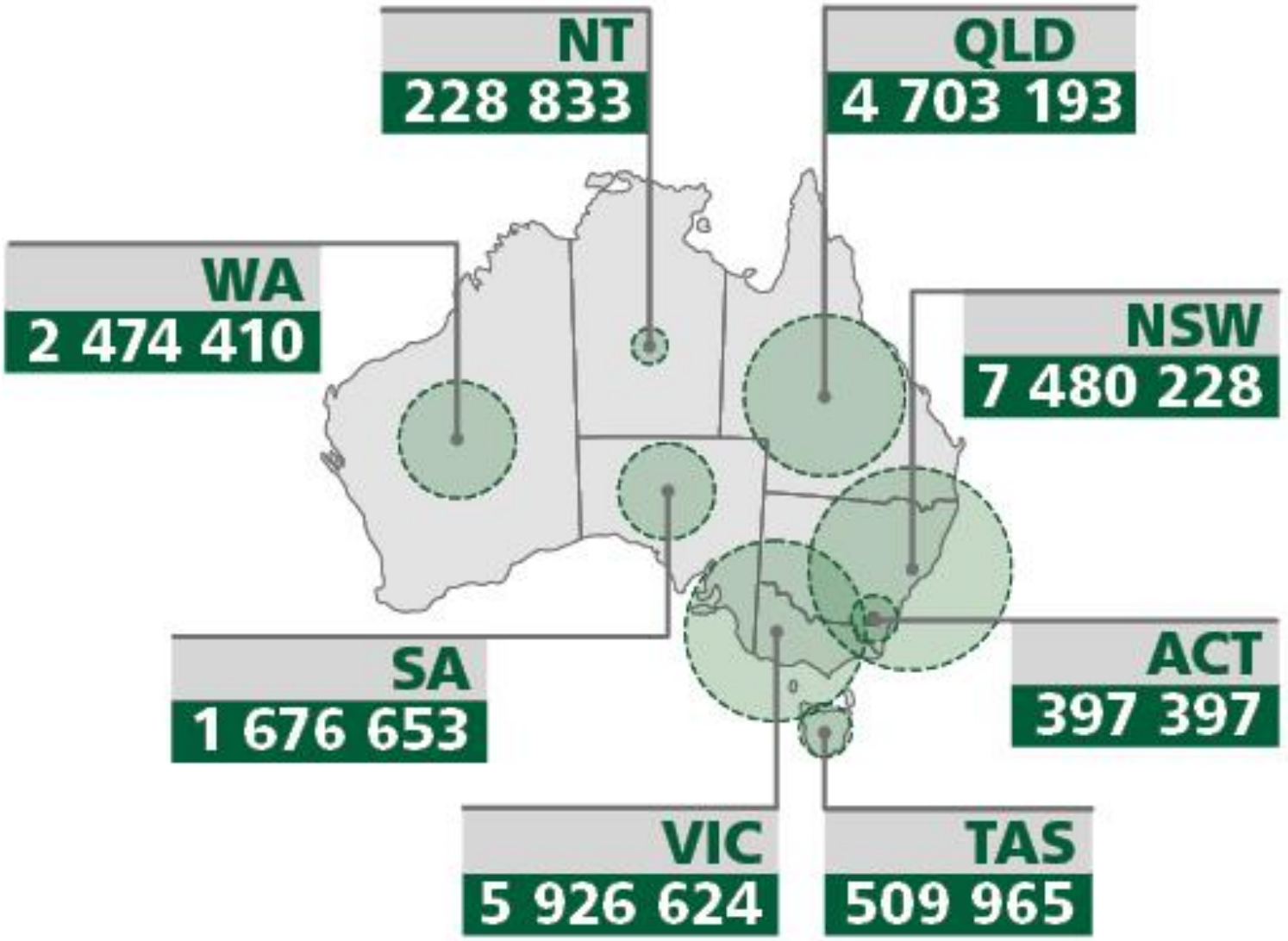
CENSUS **DATA RELEASE**

Population Growth

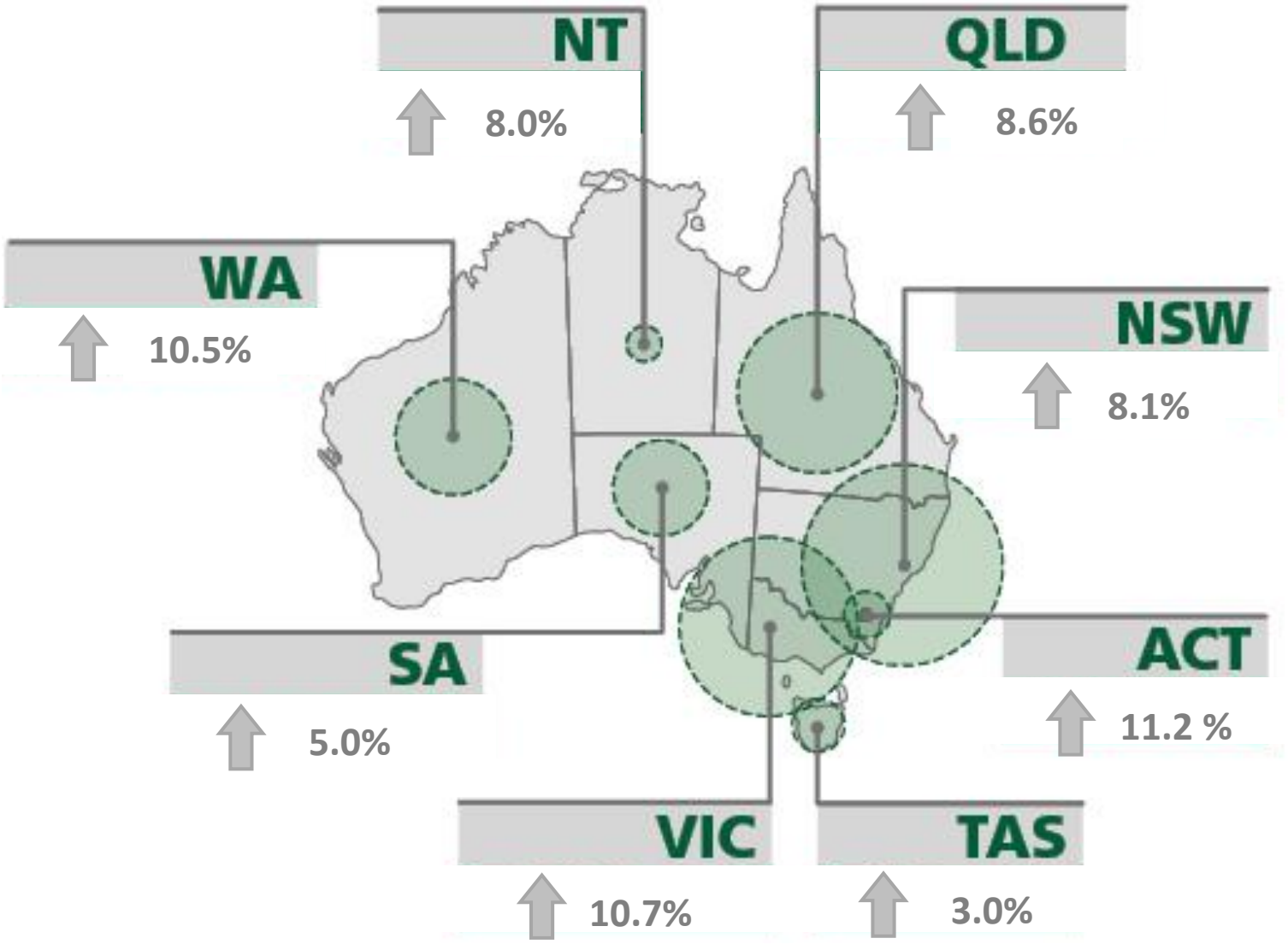


Where do Australians live?

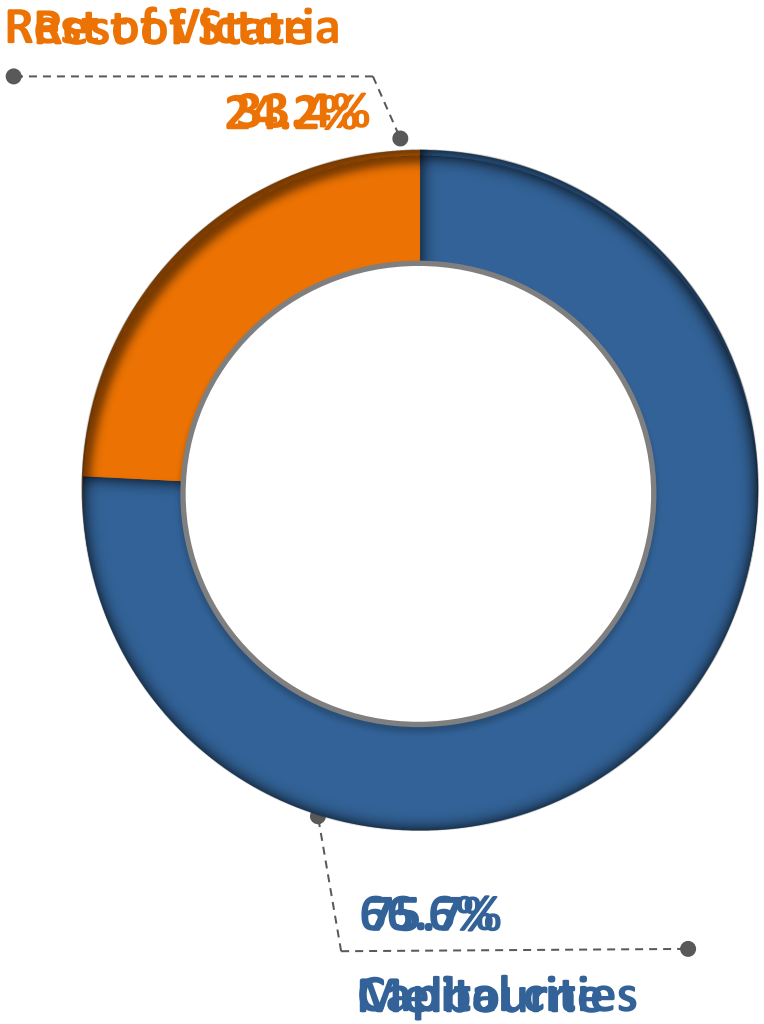
Australian Bureau of Statistics



State growth rate

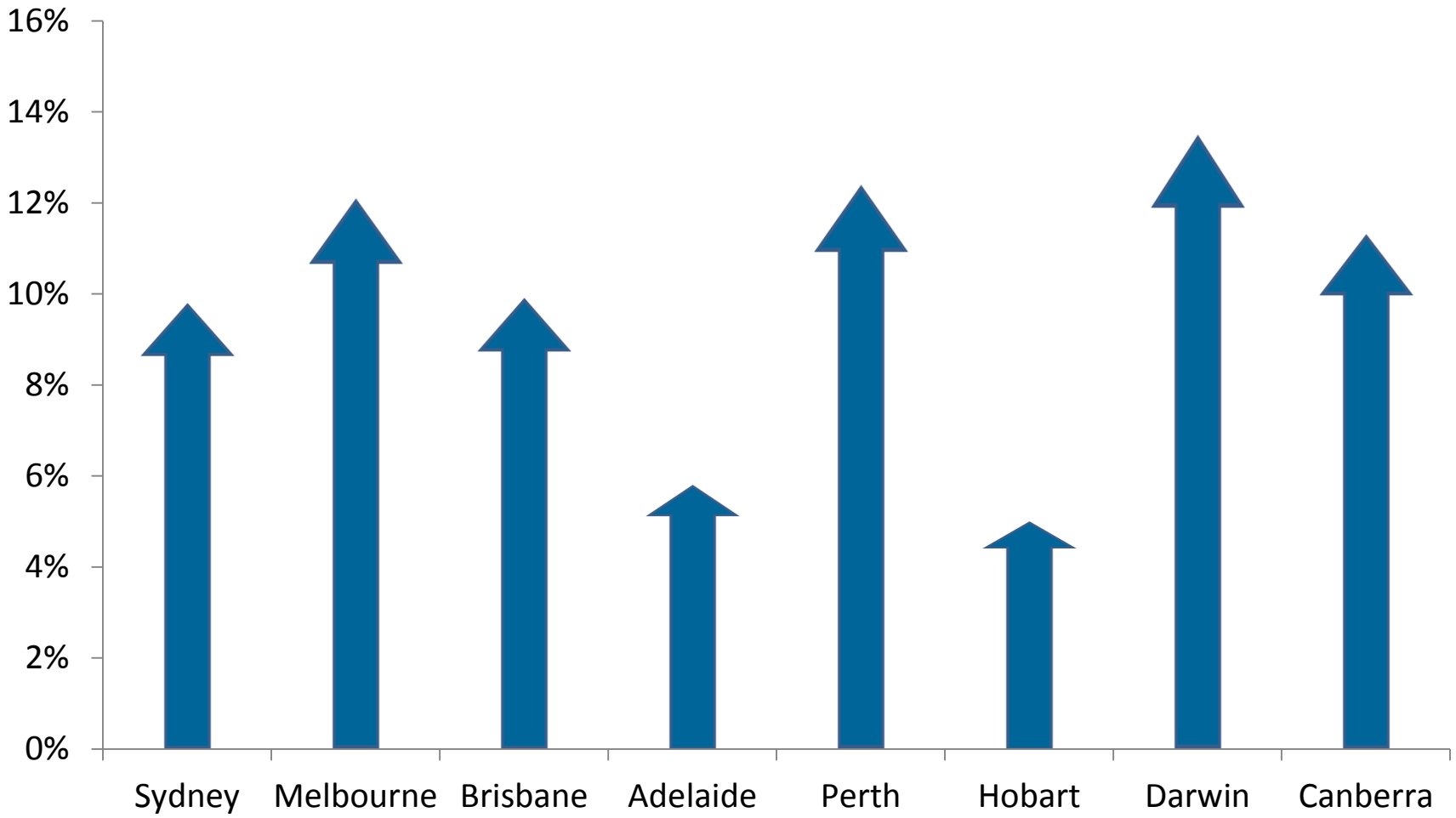


Capital cities – population

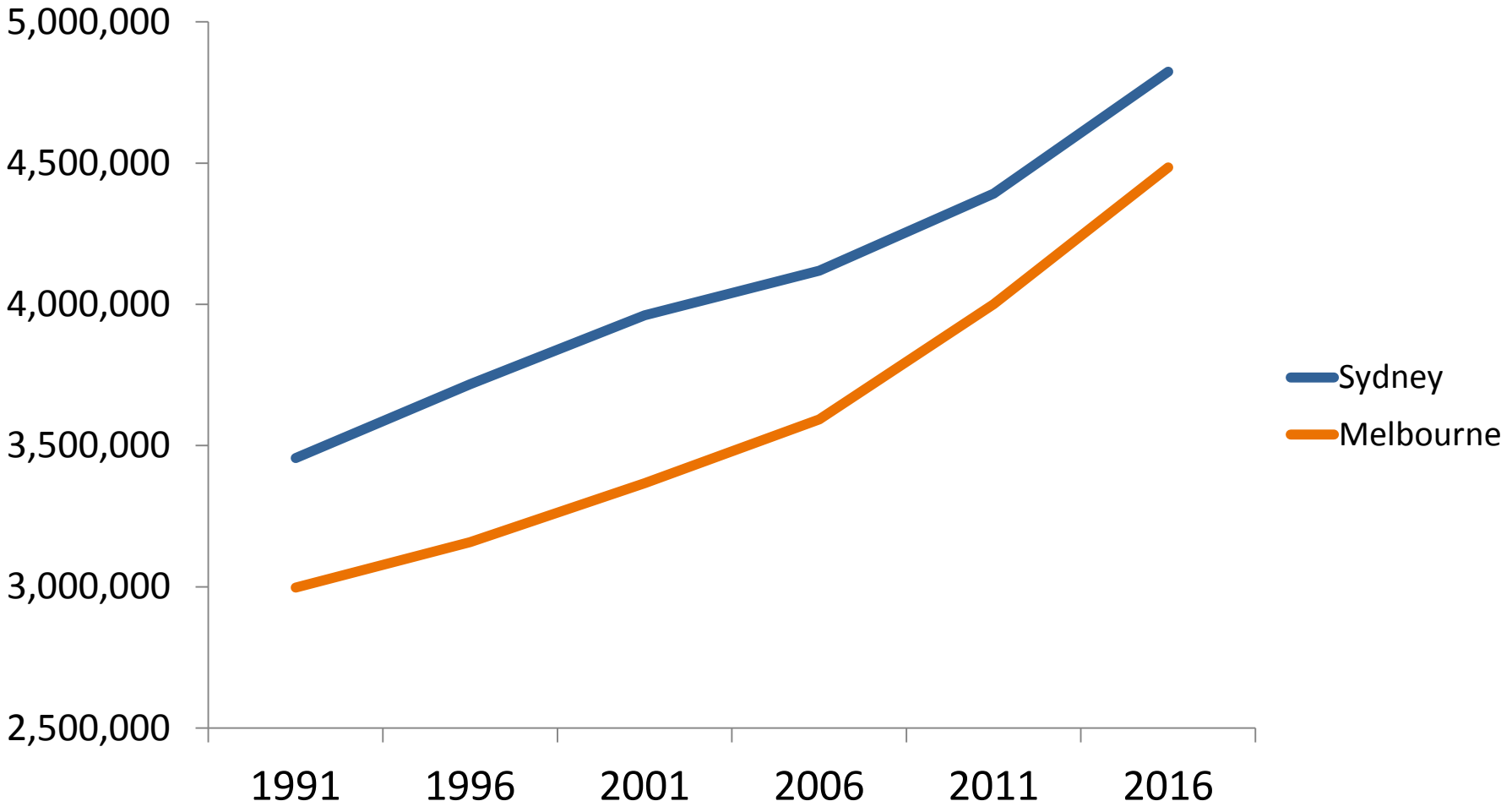


Capital City	2016 (millions)
Sydney	4.8
Melbourne	4.5
Brisbane	2.3
Adelaide	1.3
Perth	1.9
Hobart	0.2
Darwin	0.1
Canberra	0.4

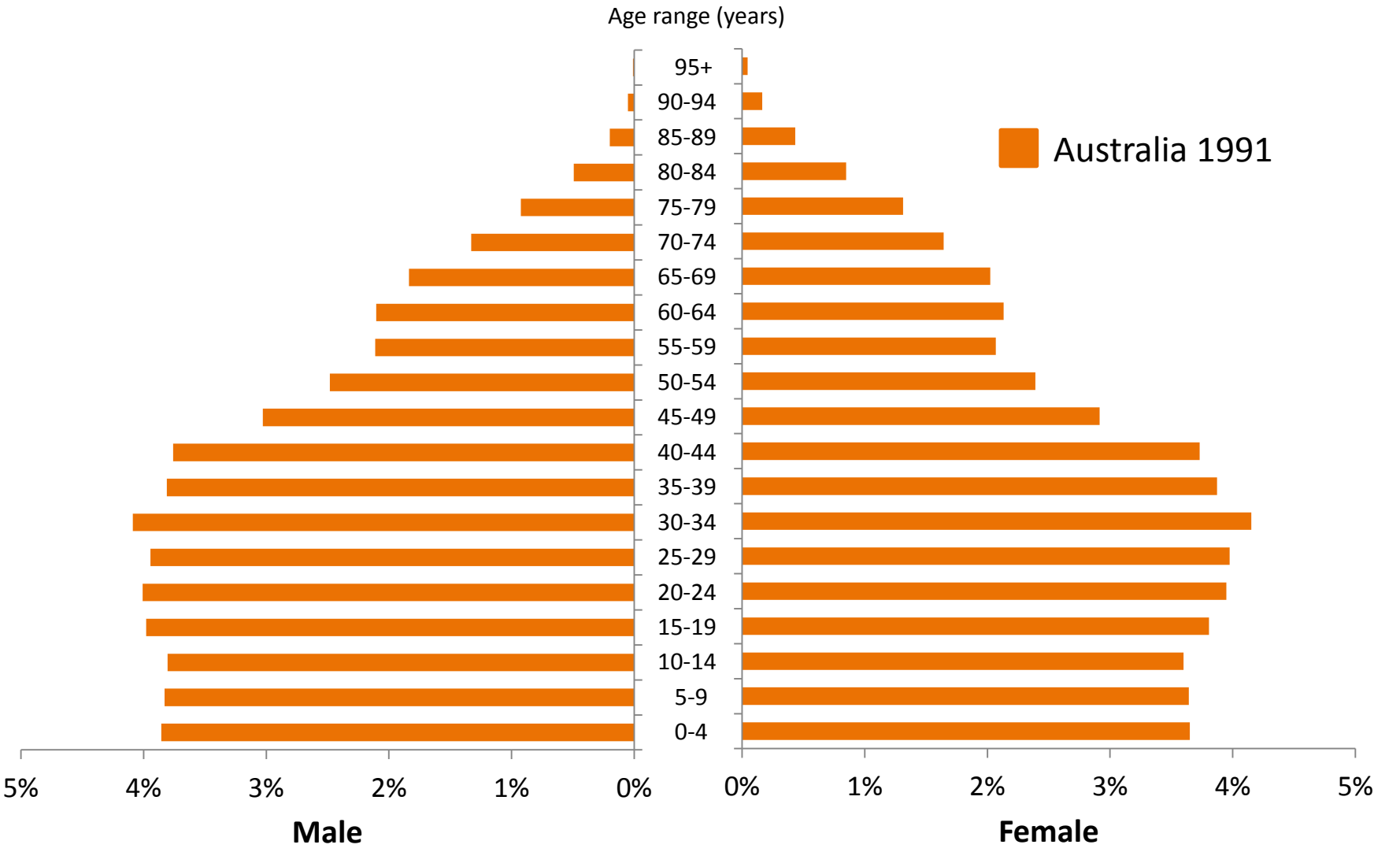
Capital city growth



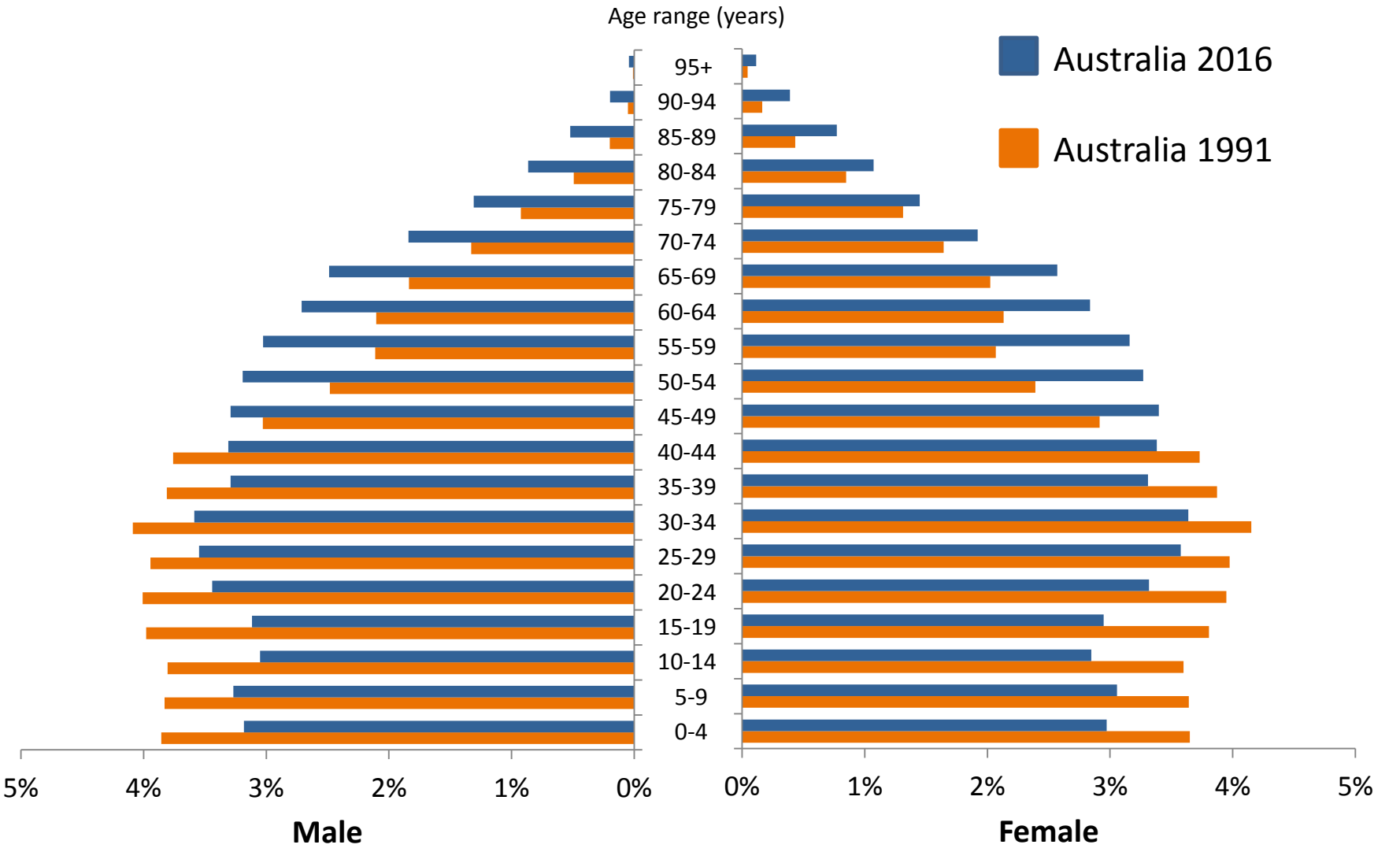
Population Growth – Melbourne and Sydney



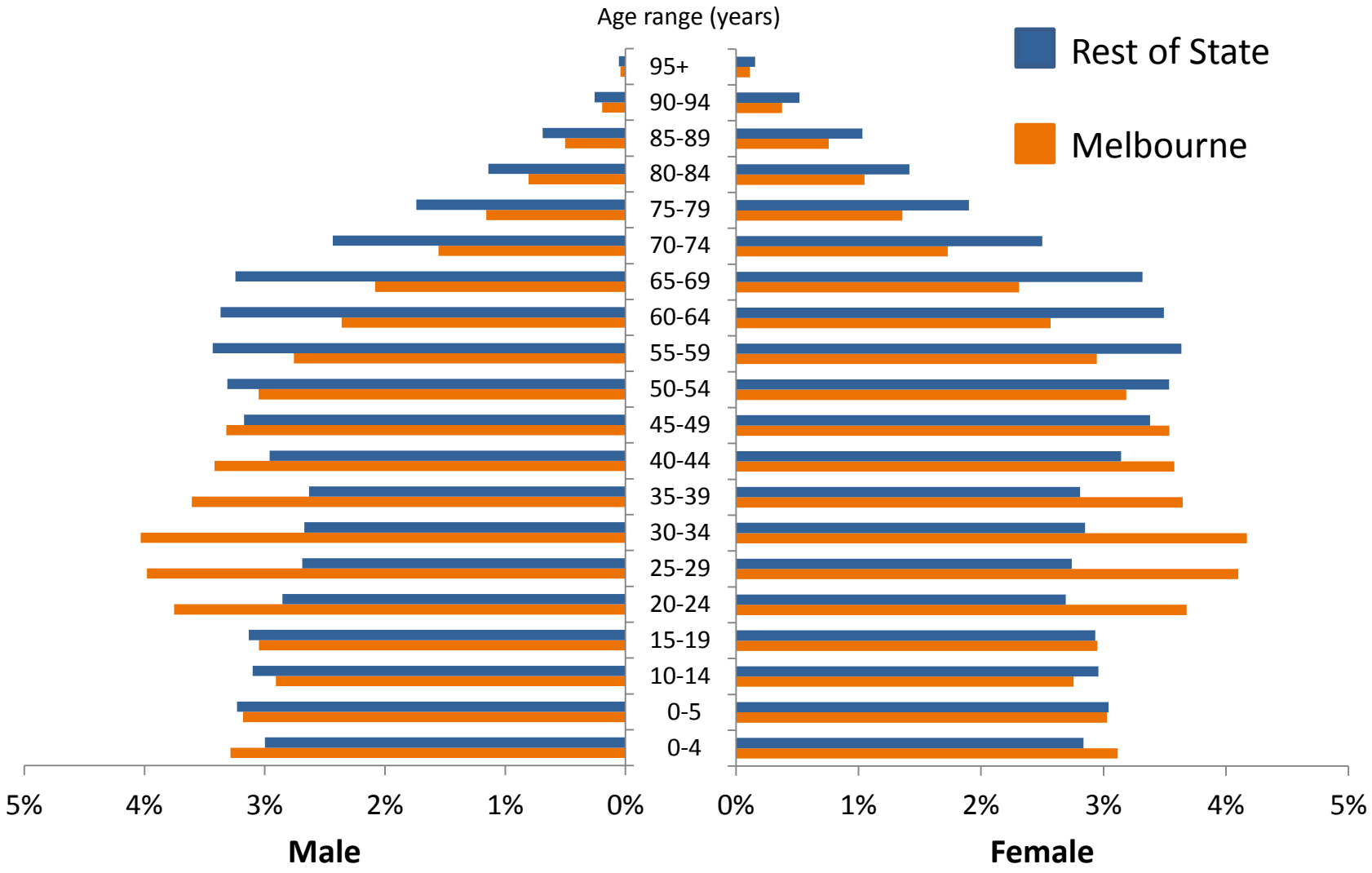
Ageing population



Ageing population



Age profile – Melbourne and rest of Victoria

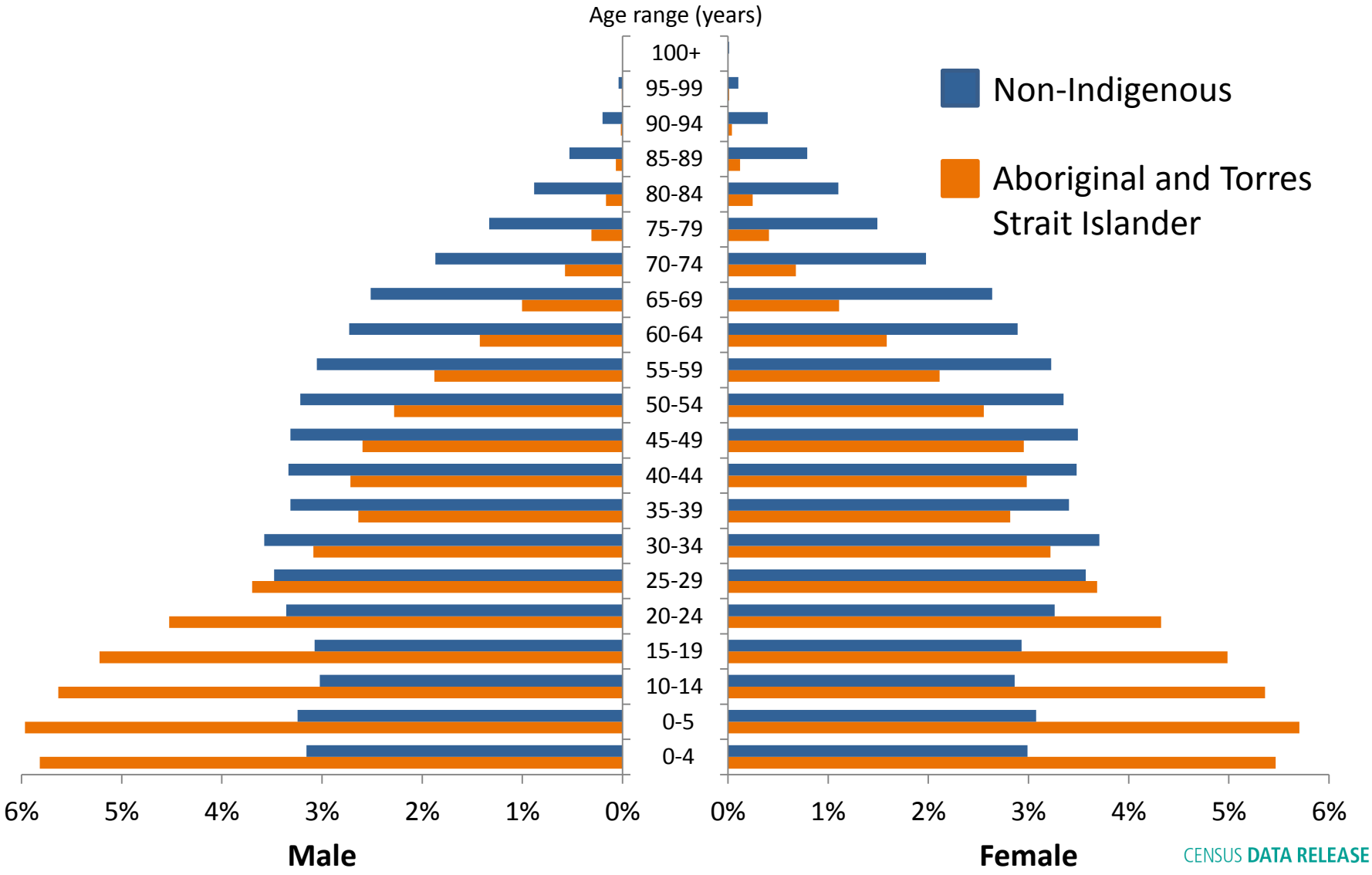


Aboriginal and Torres Strait Islander Peoples

Australian Bureau of Statistics

Age of Aboriginal and Torres Strait Islander Peoples

Australian Bureau of Statistics

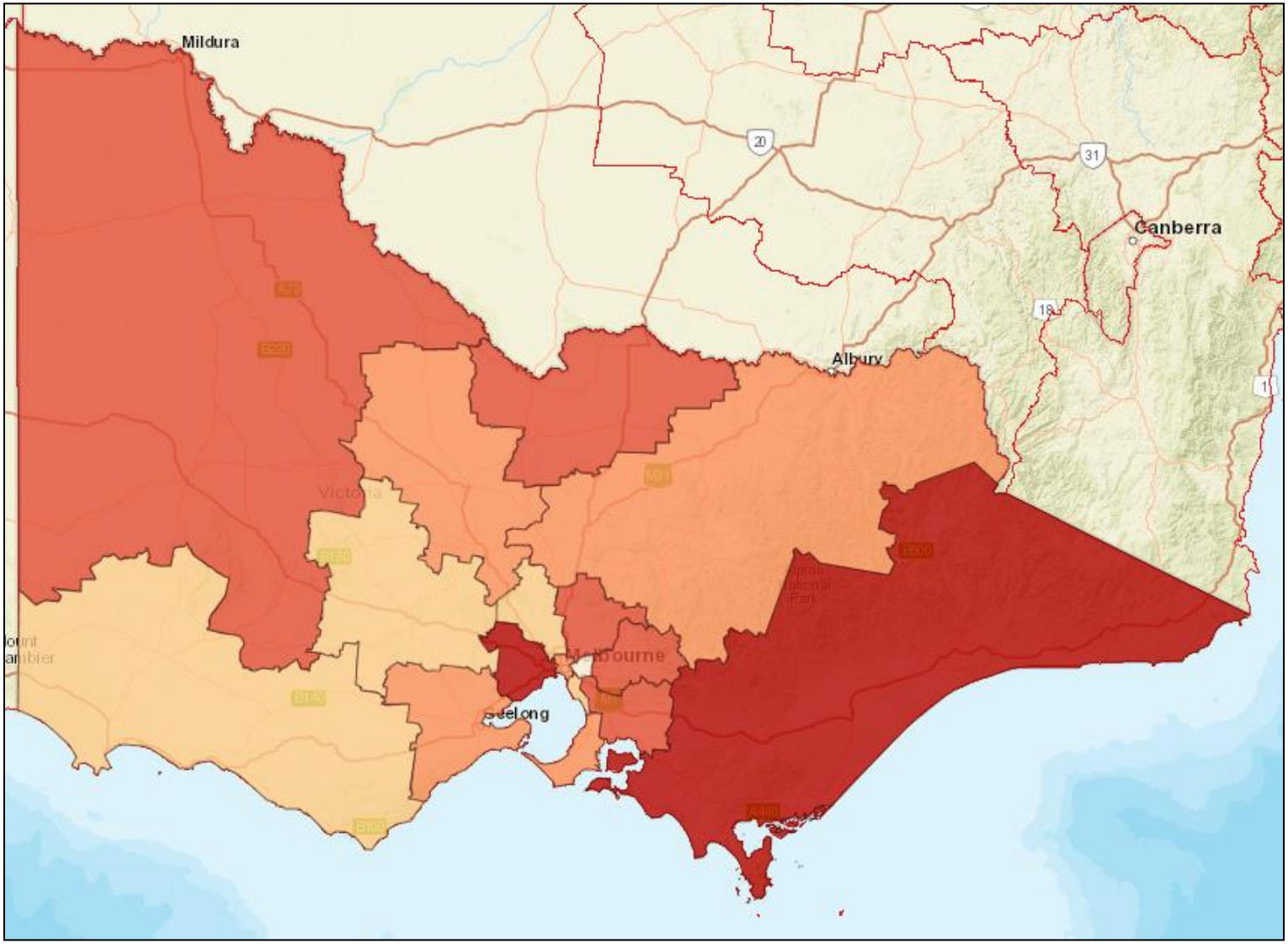


CENSUS DATA RELEASE

Aboriginal and Torres Strait Islander population

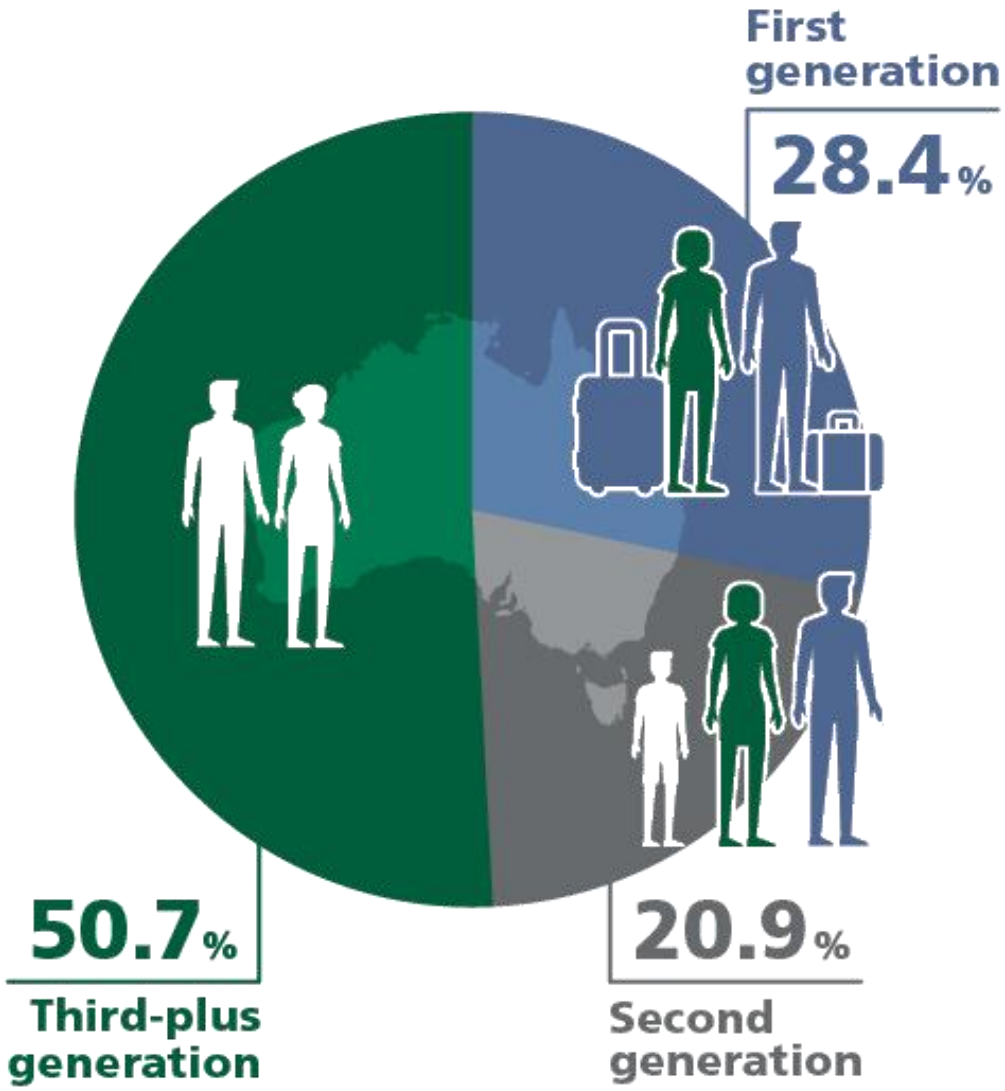
	% Aboriginal and Torres Strait Islander Population	Aboriginal and Torres Strait Islander population as % of total population
NSW	33.3	2.9
VIC	7.4	0.8
QLD	28.7	4.0
SA	5.3	2.0
WA	11.7	3.1
TAS	3.6	4.6
NT	9.0	25.5
ACT	1.0	1.6
Australia	100.0	2.8

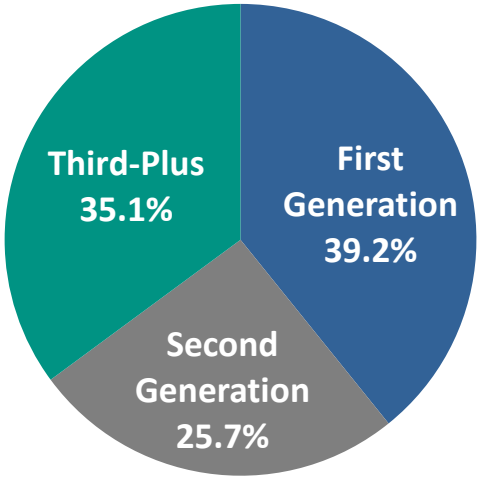
Aboriginal and Torres Strait Islander population



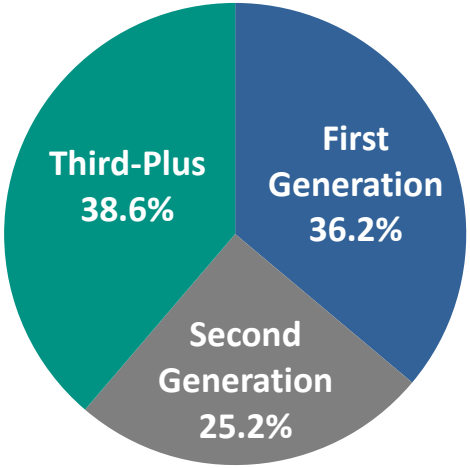
A diverse Australia

Australian Bureau of Statistics





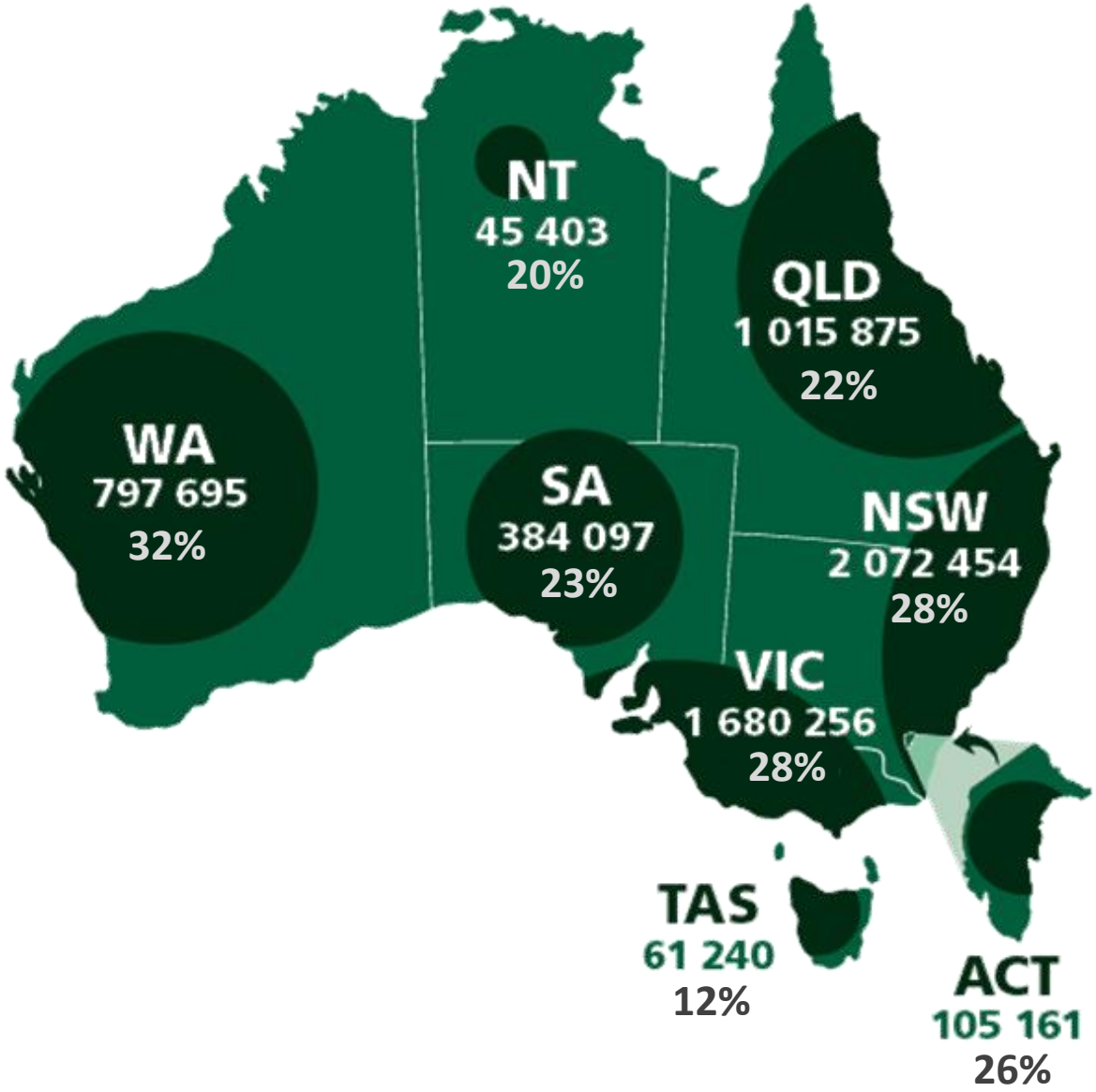
Sydney



Melbourne

CENSUS DATA RELEASE

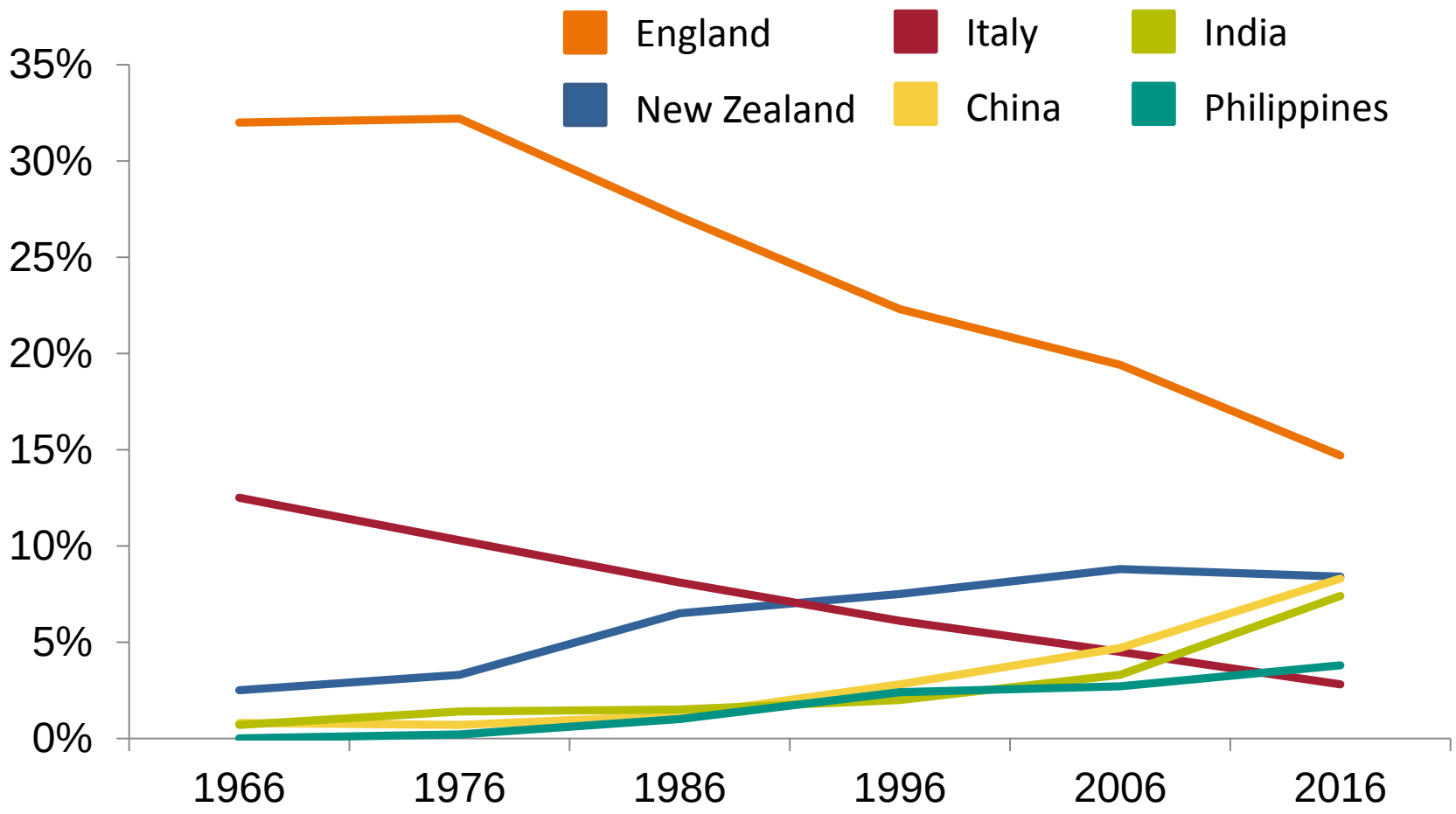
Where do migrants live?



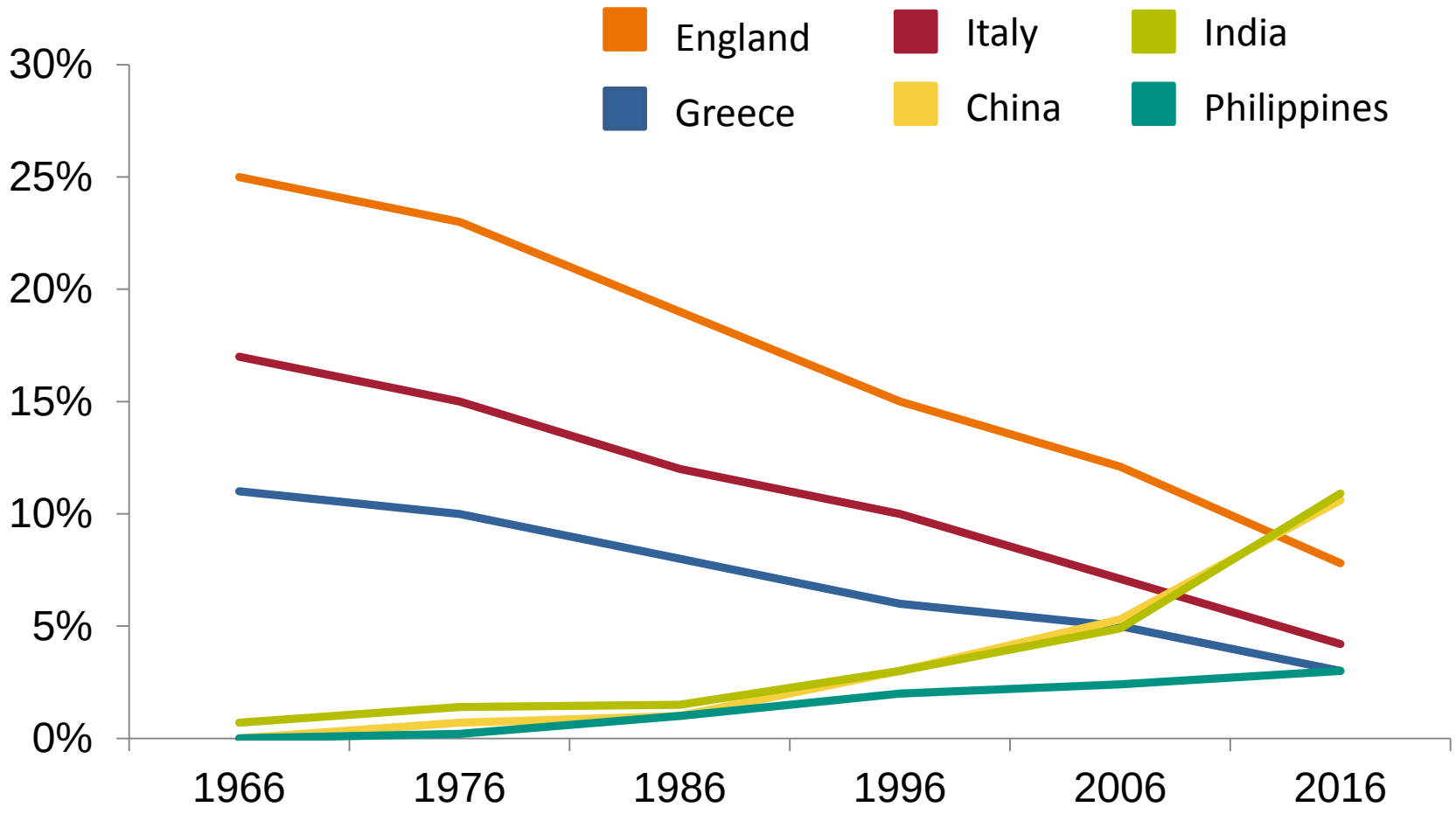
Count of people born overseas living in each state

Proportion of overseas population in each state

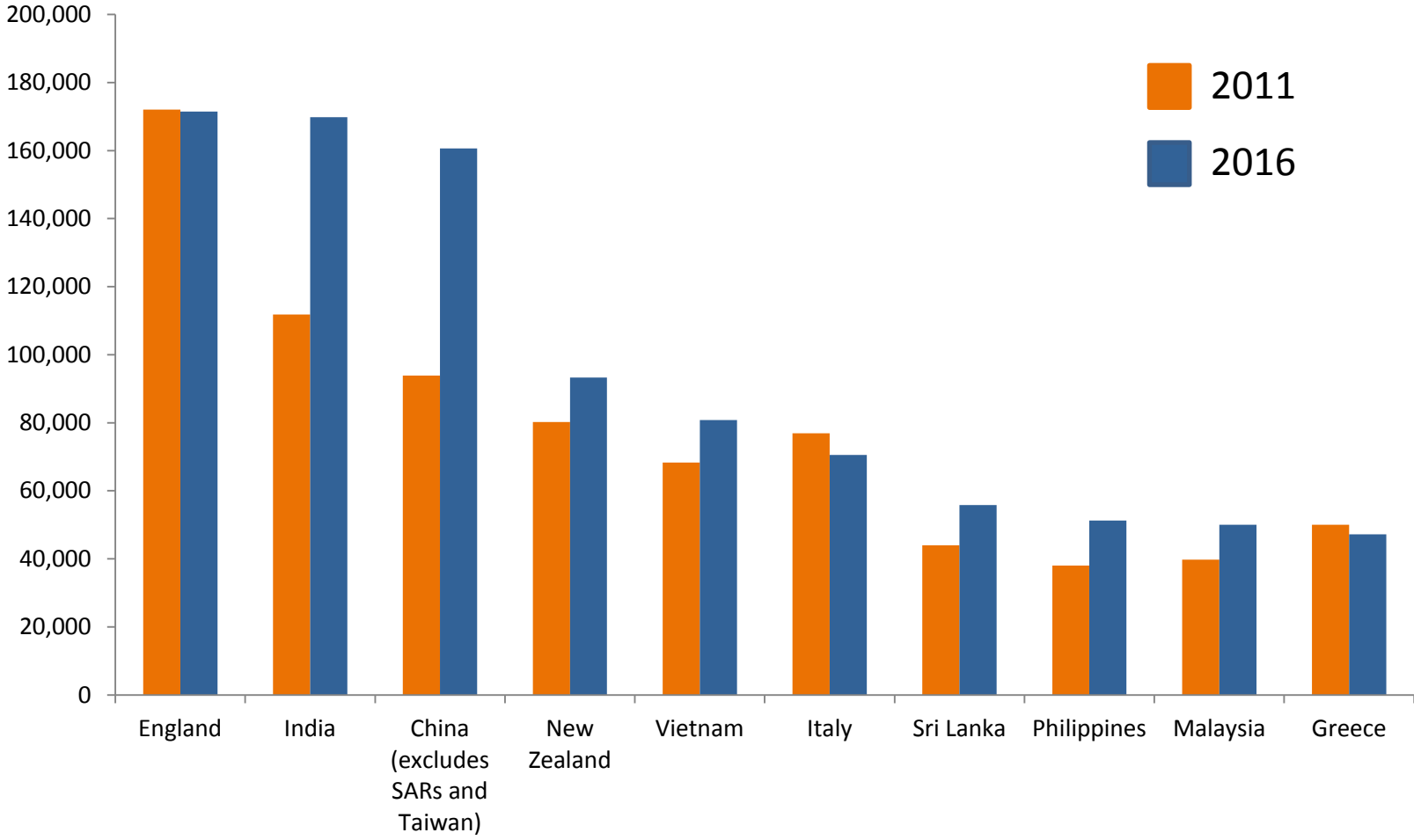
Overseas-born population – Australia 1966-2016



Overseas-born population – Melbourne 1966-2016



Top 10 countries of birth (excl. Australia) – Victoria



Top 10 countries of birth – Melbourne

Australian Bureau of Statistics

Country of birth	Melbourne	%
Australia	2,684,072	59.8
India	161,076	3.6
China	155,998	3.5
England	133,300	3.0
Vietnam	79,054	1.8
New Zealand	78,906	1.8
Italy	63,332	1.4
Sri Lanka	54,030	1.2
Malaysia	47,642	1.1
Greece	45,618	1.0

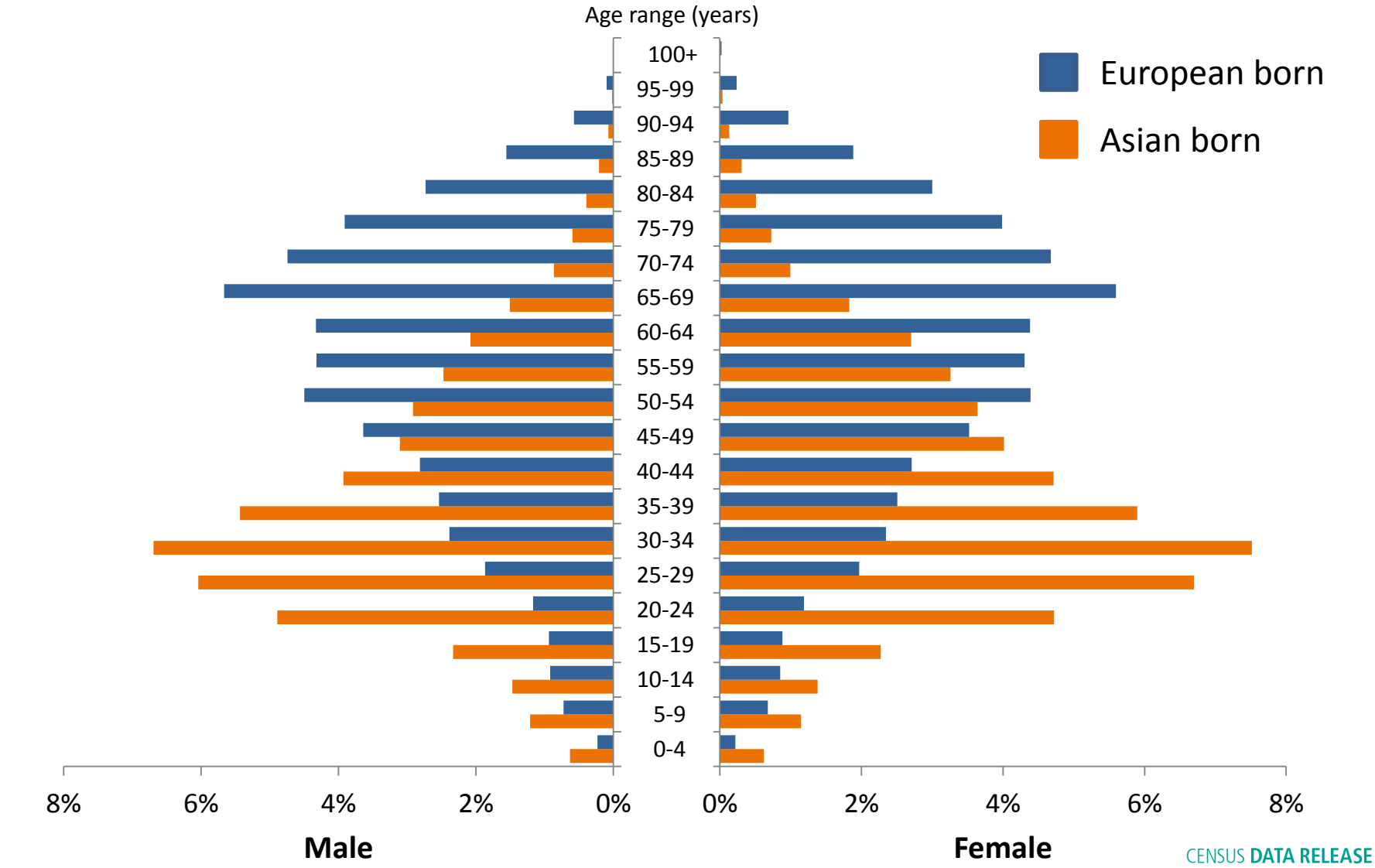
Country of birth	Rest of Victoria	%
Australia	1,157,012	80.7
England	37,880	2.6
New Zealand	14,131	1.0
India	8,592	0.6
Netherlands	7,171	0.5
Italy	7,145	0.5
Philippines	6,085	0.4
Germany	6,066	0.4
Scotland	5,917	0.4
China	4,519	0.3

Recent arrivals (2007 - 2016)

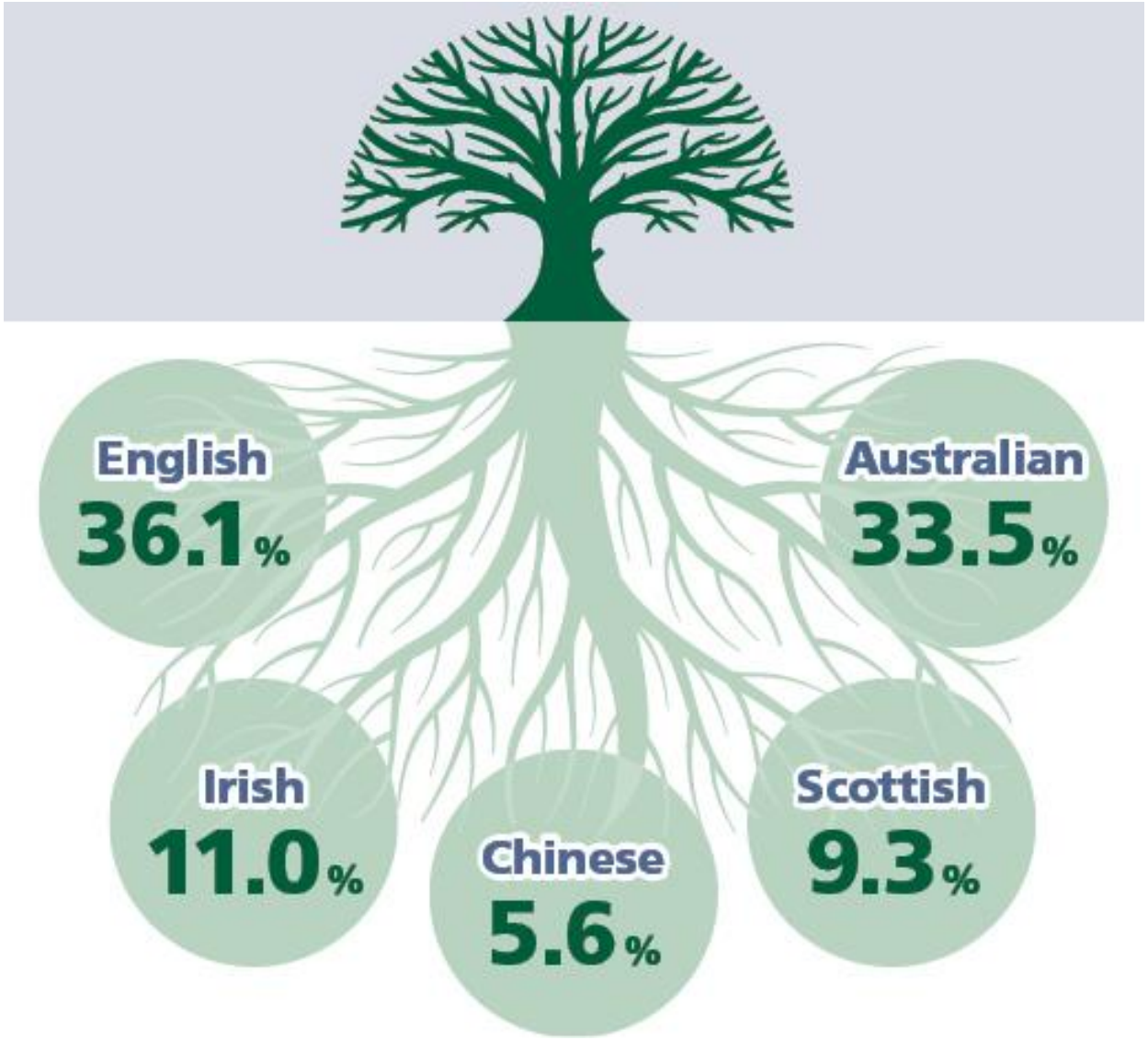
Australian Bureau of Statistics

13.7%	INDIA
13.3%	CHINA
7.9%	ENGLAND
7.7%	NEW ZEALAND
6.0%	PHILIPPINES

Age diversity of migrants



Ancestry


English
36.1%
Australian
33.5%
Irish
11.0%
Chinese
5.6%
Scottish
9.3%

Language spoken at home

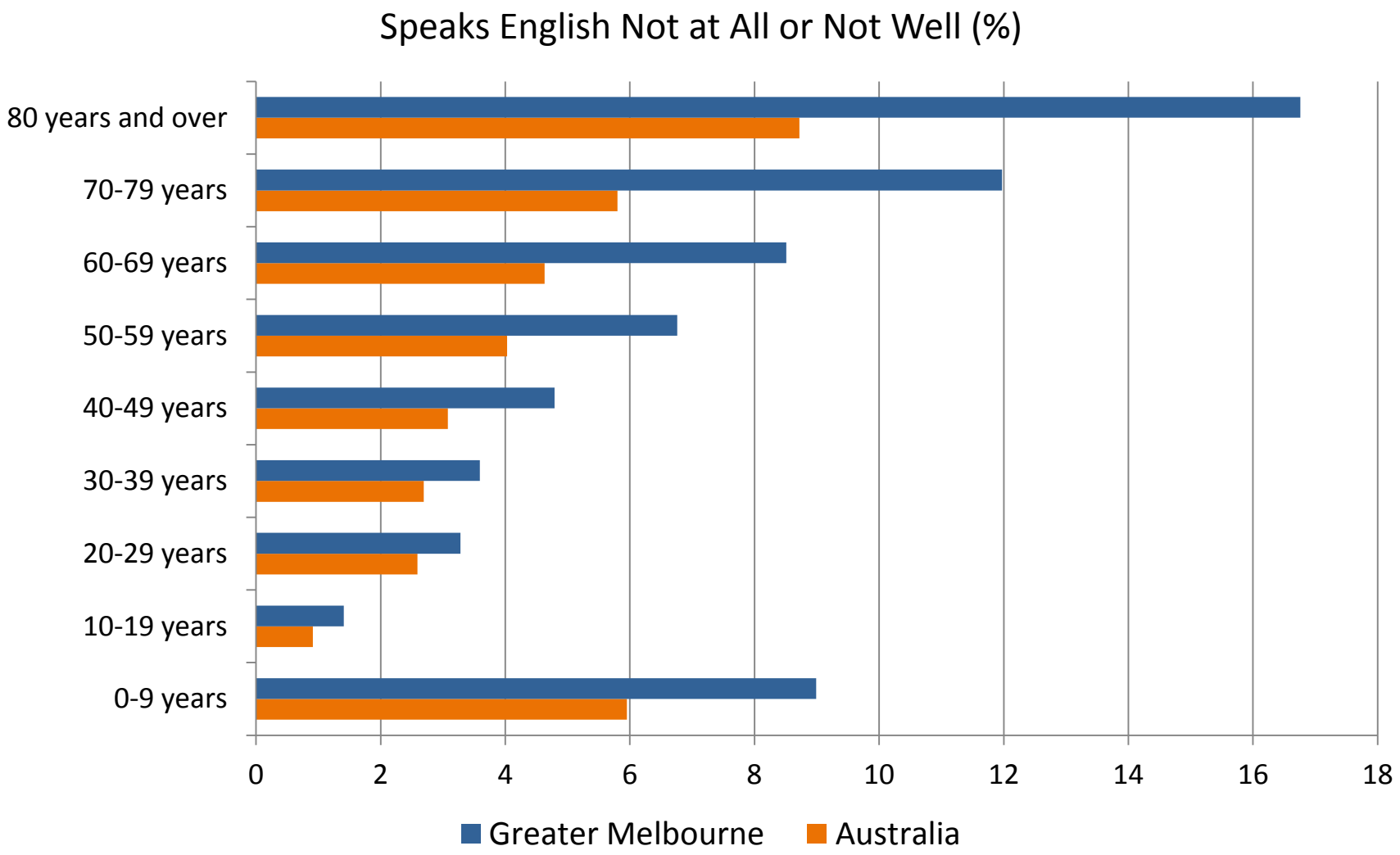
Top 10 Languages spoken in Melbourne Homes

Australian Bureau of Statistics

Language spoken at home	2006 %	2016 %
English only	68.1	60.4
Mandarin	1.7	4.4
Greek	3.2	2.5
Vietnamese	2.0	2.4
Italian	3.3	2.4
Cantonese	1.8	1.8
Arabic	1.5	1.8
Punjabi	0.2	1.2
Hindi	0.5	1.2
Sinhalese	0.5	0.9

English proficiency by Age – Melbourne

Australian Bureau of Statistics



Older Australians with limited English – Melbourne

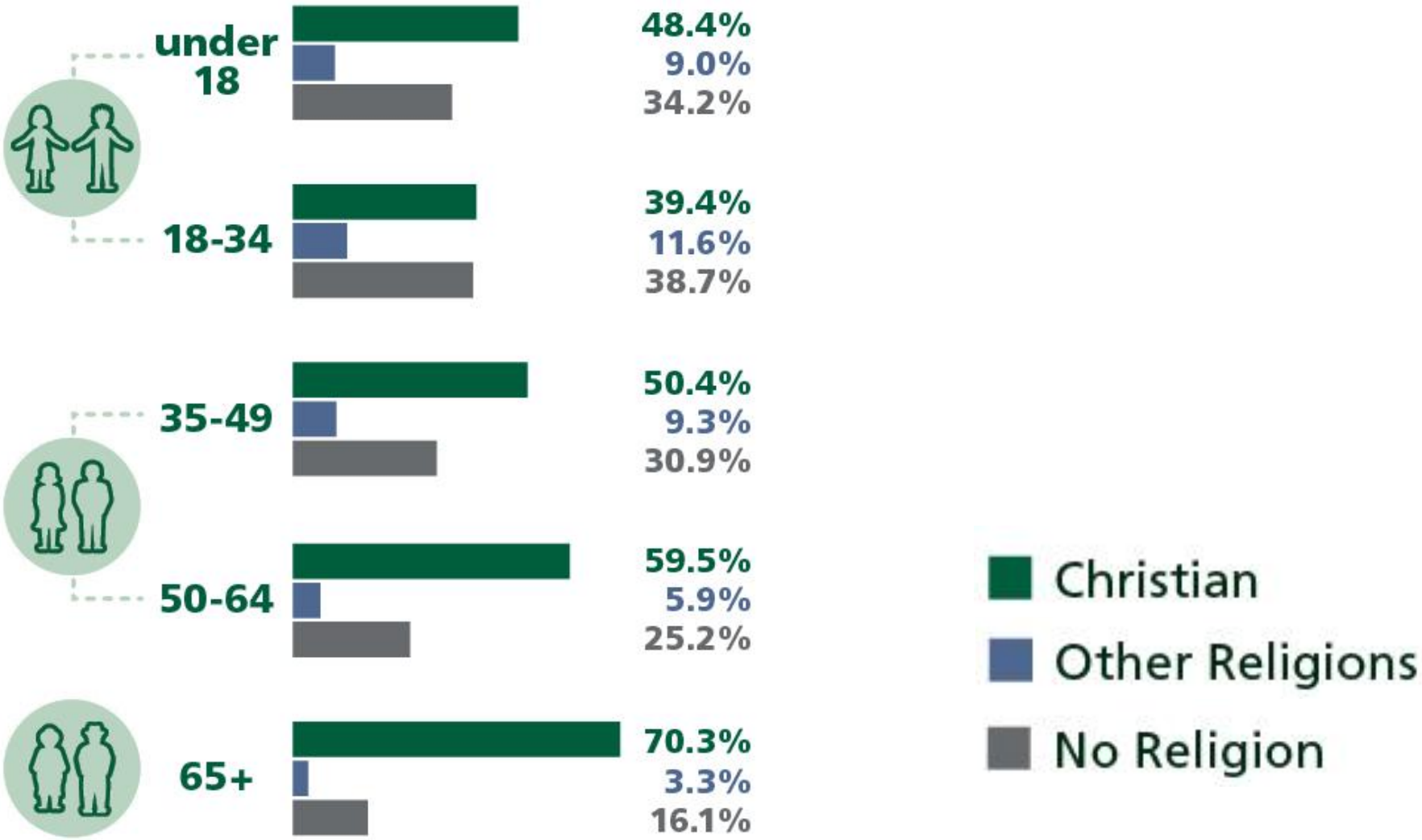
- 55,238 people over the age of 70 with limited English (Melbourne)

Top 5 Languages	
Greek	23.9%
Italian	21.0%
Mandarin	7.6%
Cantonese	6.9%
Vietnamese	5.6%

Religion – change over time

Years	1966	1991	2016
Religion	%		
Christian	88.2	74.0	52.1
Other Religions	0.7	2.6	8.2
No Religion	0.8	12.9	30.1

Religion and age

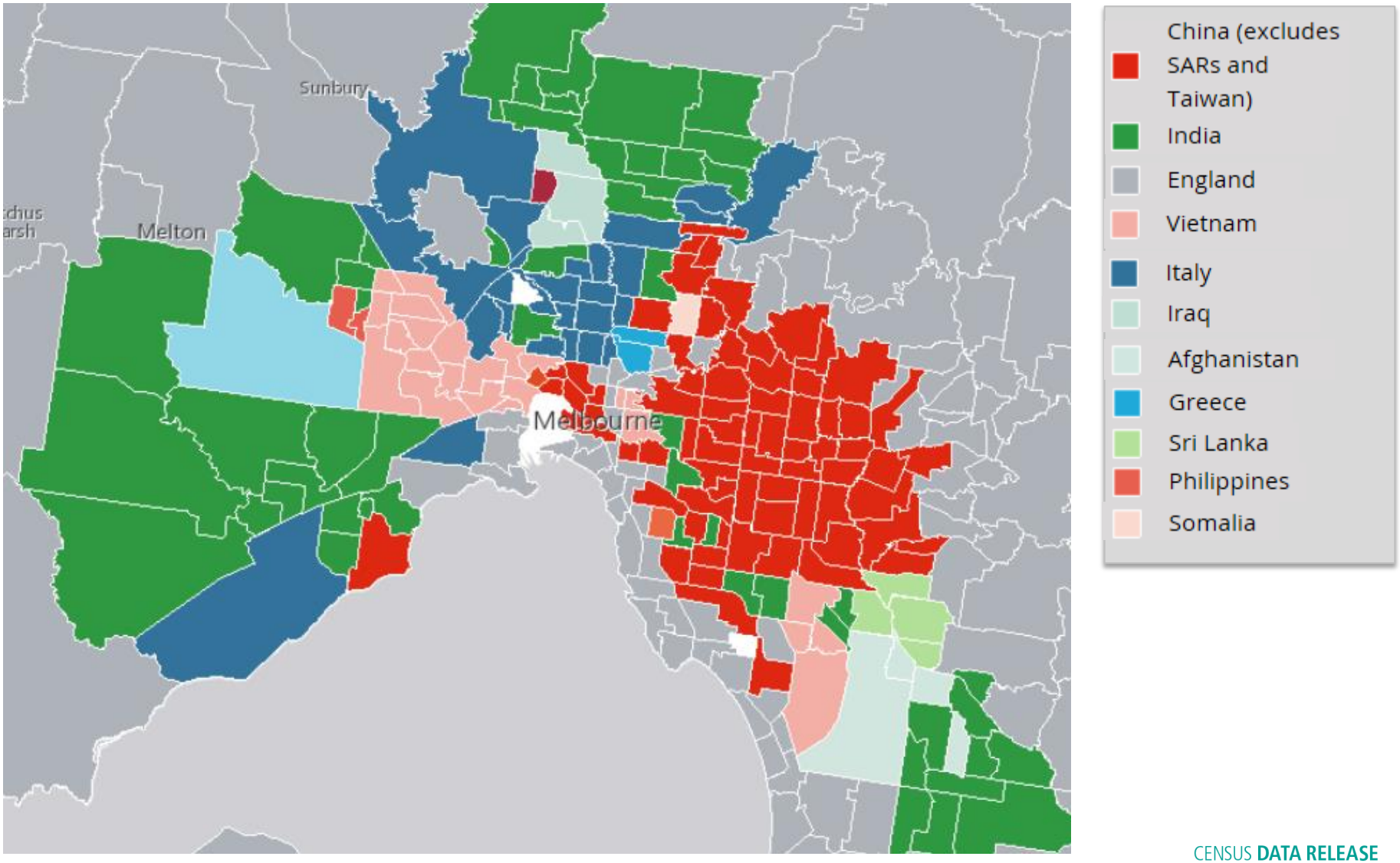


Religion – major affiliations

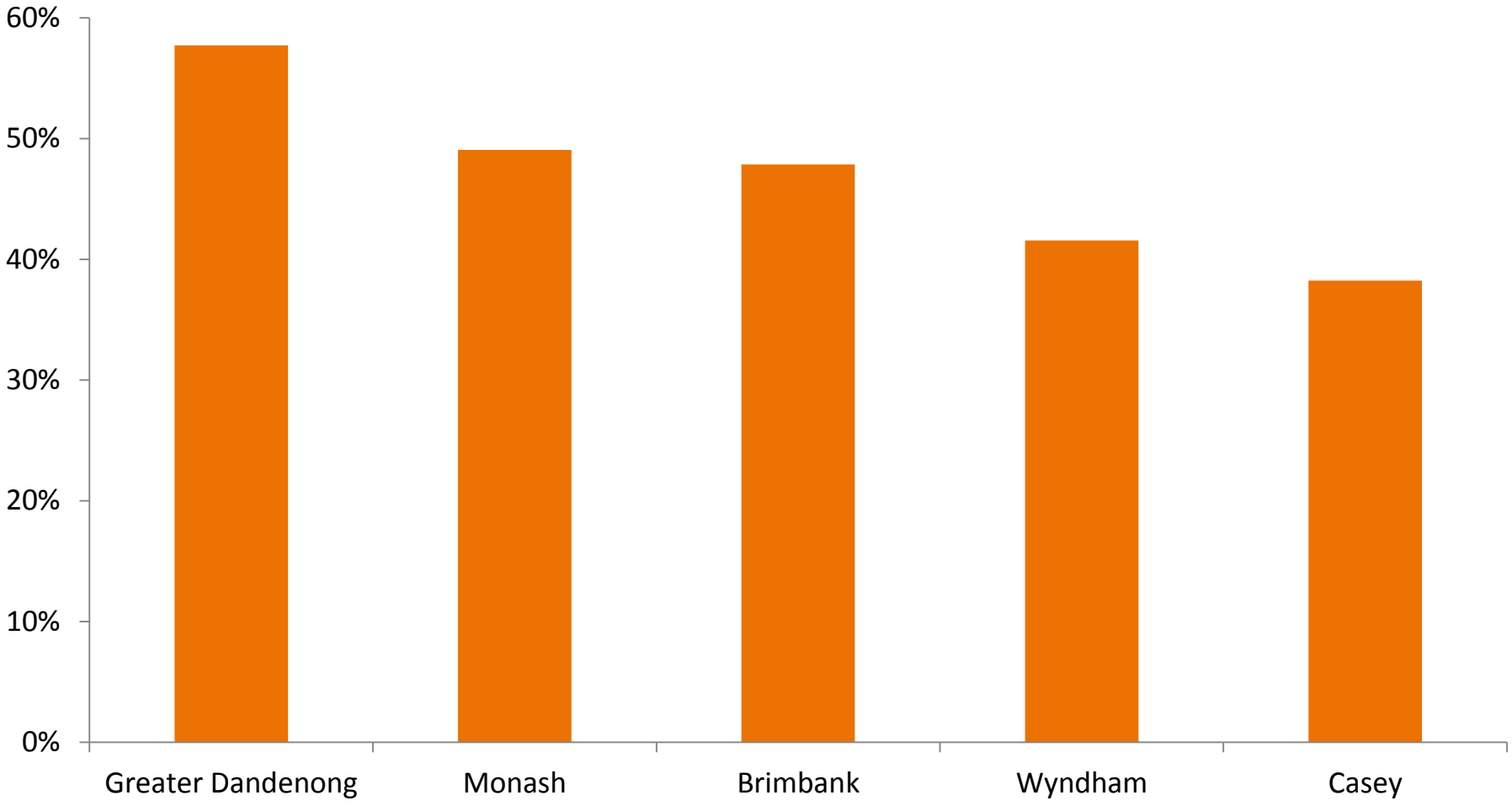
Australian Bureau of Statistics

Religious Affiliation	Australia (% of population)	Melbourne (% of population)
Christian	*52.1*	46.2
Catholic	22.6	23.4
Anglican	13.3	7.6
Uniting Church	3.7	2.3
Presbyterian and Reformed	2.3	1.6
Eastern Orthodox	2.1	4.3
Other Religions	*8.2*	13.2
Islam	2.6	4.2
Buddhism	2.4	3.8
Hinduism	1.9	2.9
Sikhism	0.5	1.1
Judaism	0.4	0.9
No Religion	*30.1*	31.5

Top countries of birth by suburb – Melbourne



Top 5 overseas-born populations – Melbourne



Greater Dandenong in focus

Australian Bureau of Statistics

Country of Birth	2016 Greater Dandenong population
Vietnam	8.7%
India	8.2%
Cambodia	4.5%
Sri Lanka	4.2%
Afghanistan	3.2%

Language spoken at home	2016 Greater Dandenong population
Vietnamese	11.2%
Khmer	5.2%
Punjabi	3.9%
Mandarin	3.6%
Cantonese	3.0%

Religious affiliation	2016 Greater Dandenong population
Catholic	19.9%
No Religion	16.9%
Buddhism	14.8%
Islam	12.5%
Not Stated	9.0%

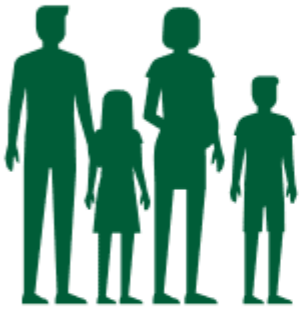
Families and households

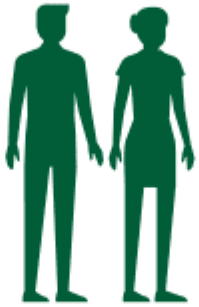
Australian Bureau of Statistics

44.7% were couples with children

37.8% were couples without children

15.8% were single parent families





Female single parents **81.8%**

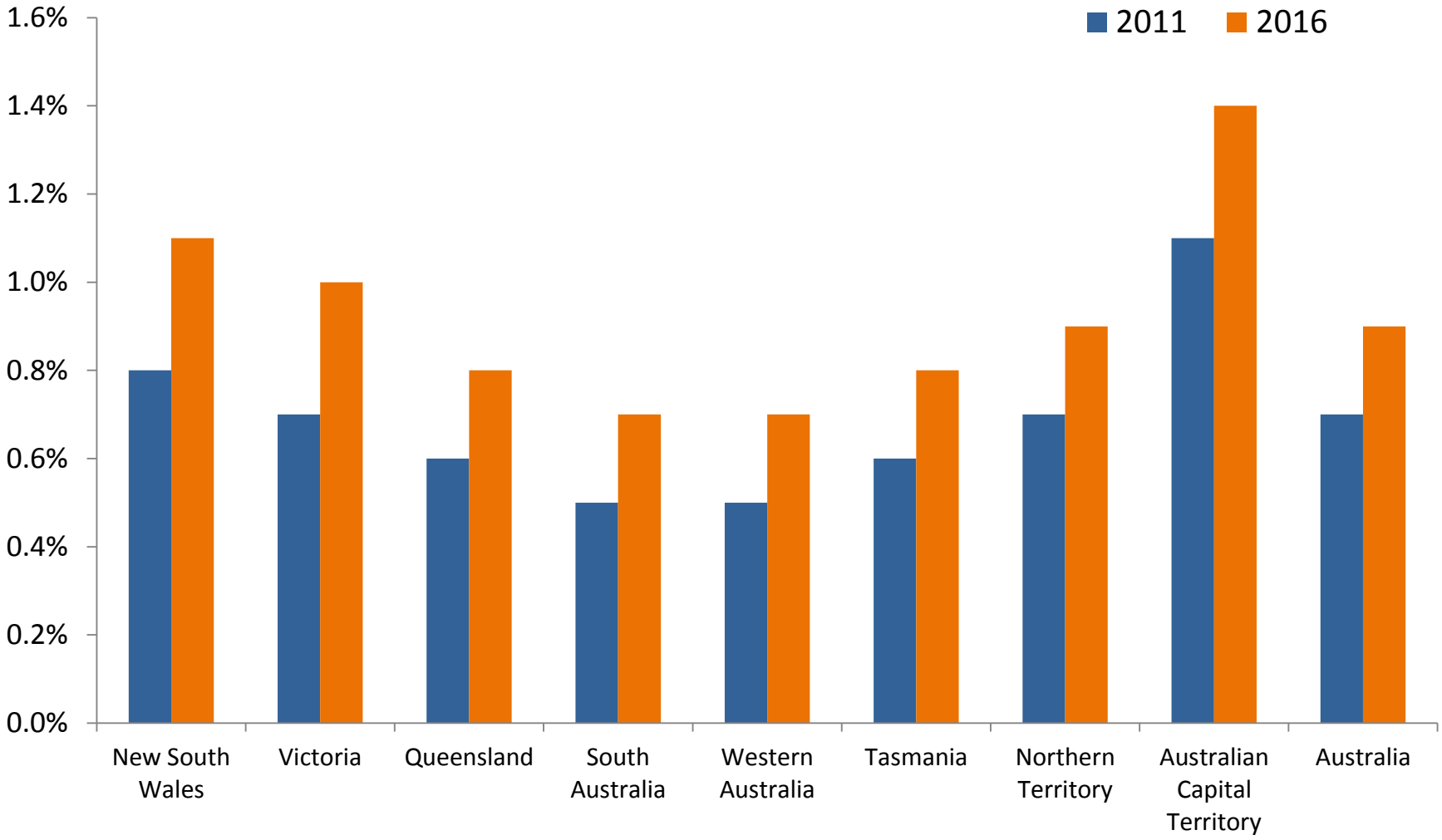
Male single parents **18.2%**

AVERAGE PEOPLE PER HOUSEHOLD

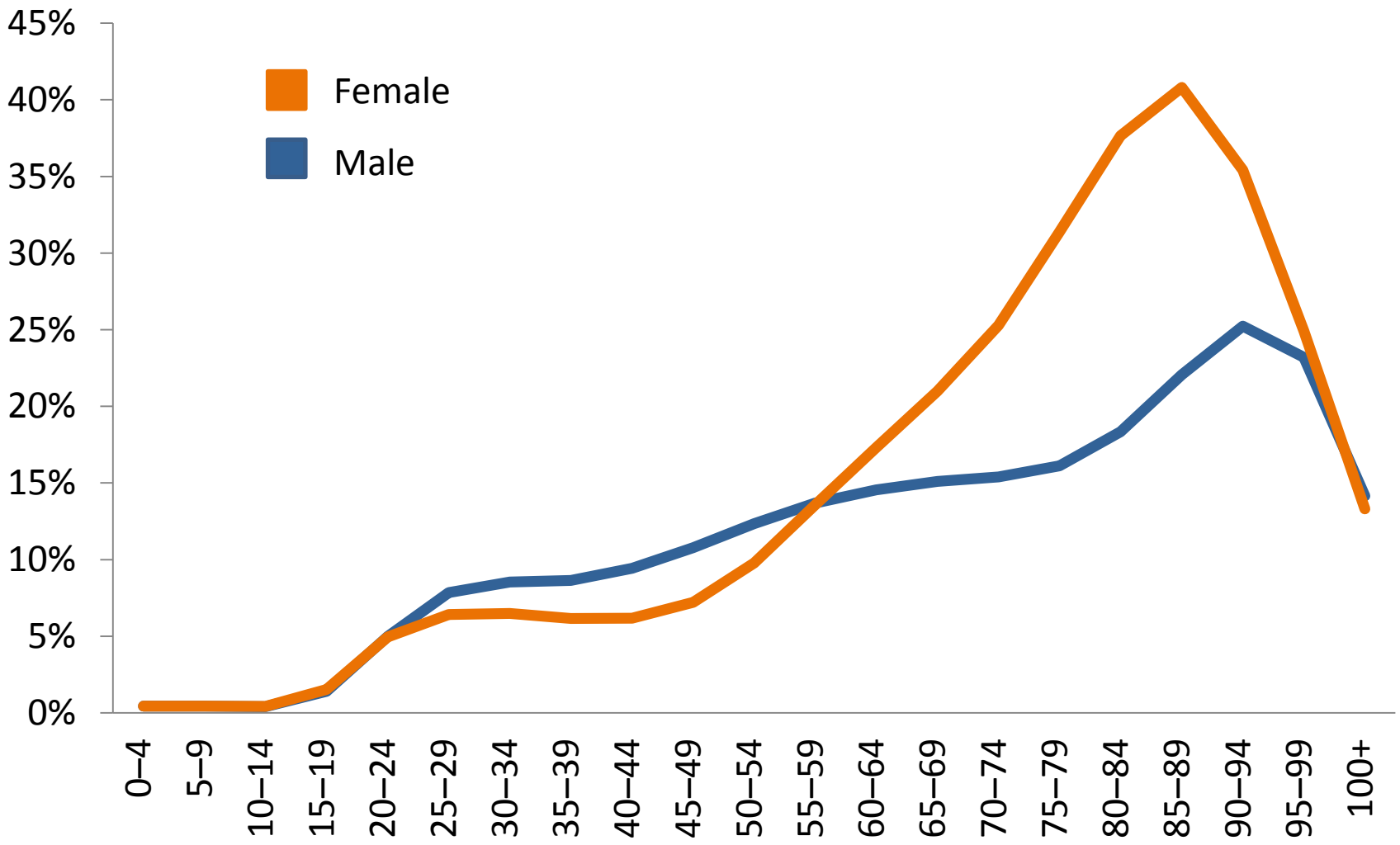
CENSUS DATA RELEASE

Same sex couples living together

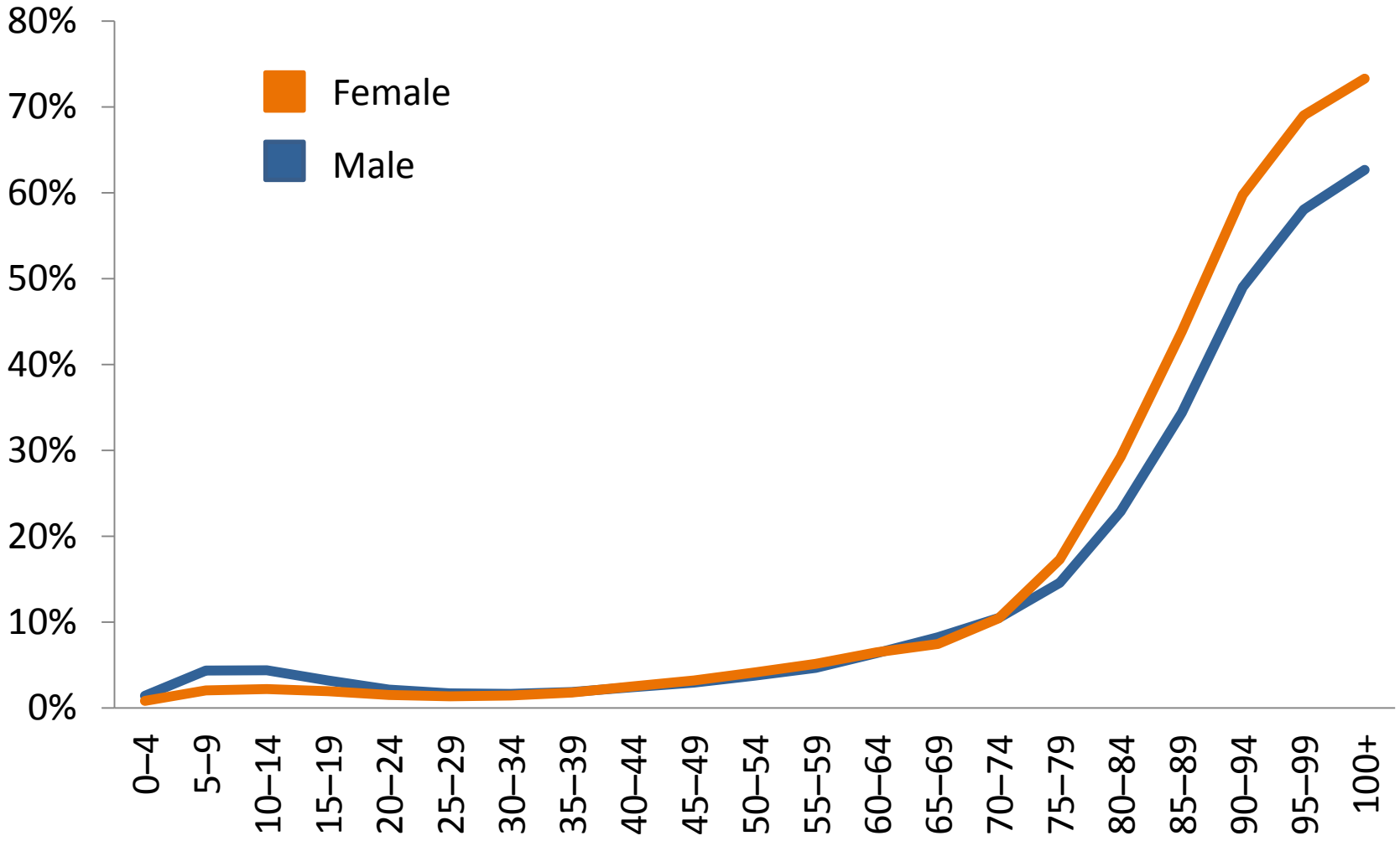
Same sex couples as a proportion of all couples



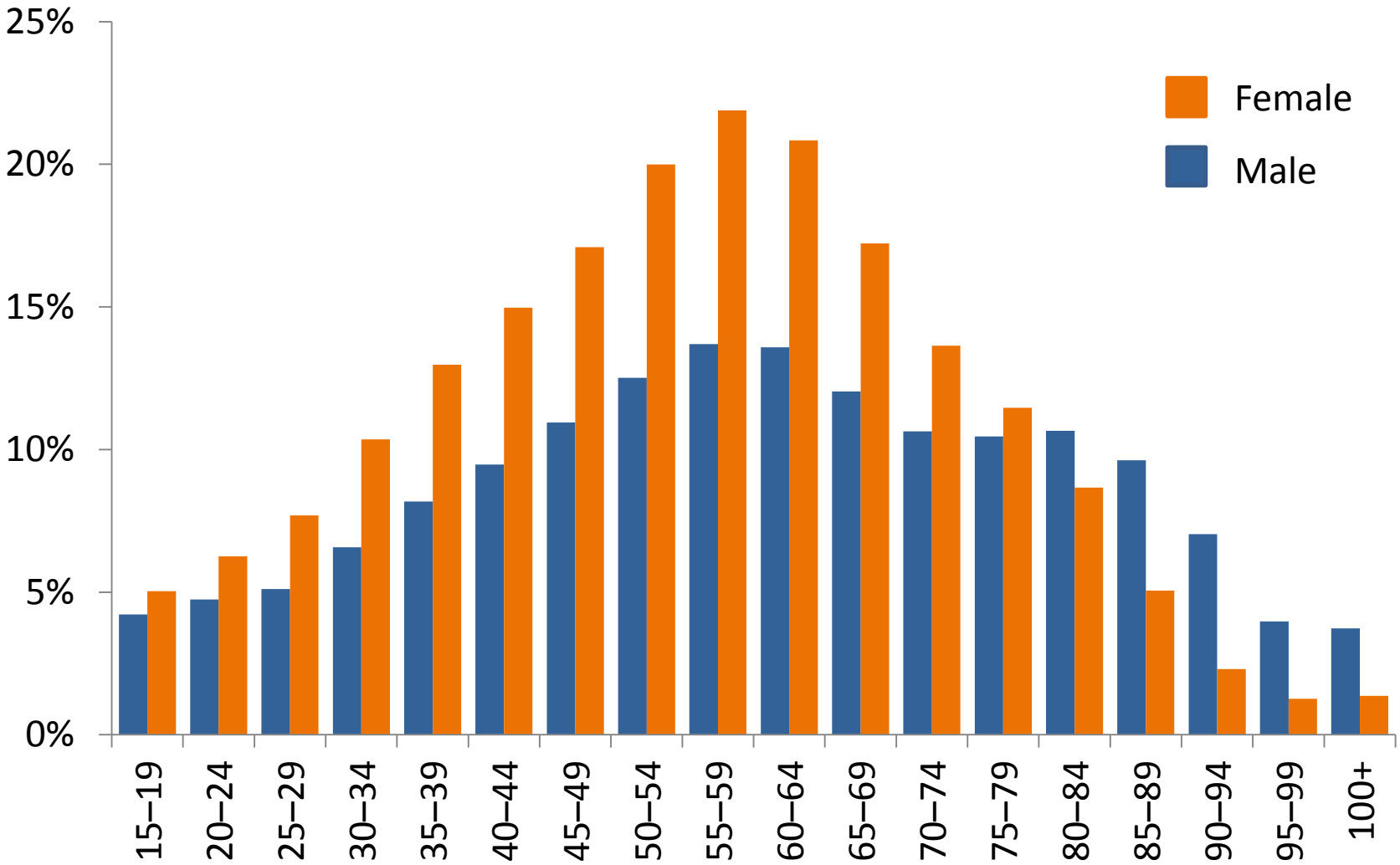
Lone person households



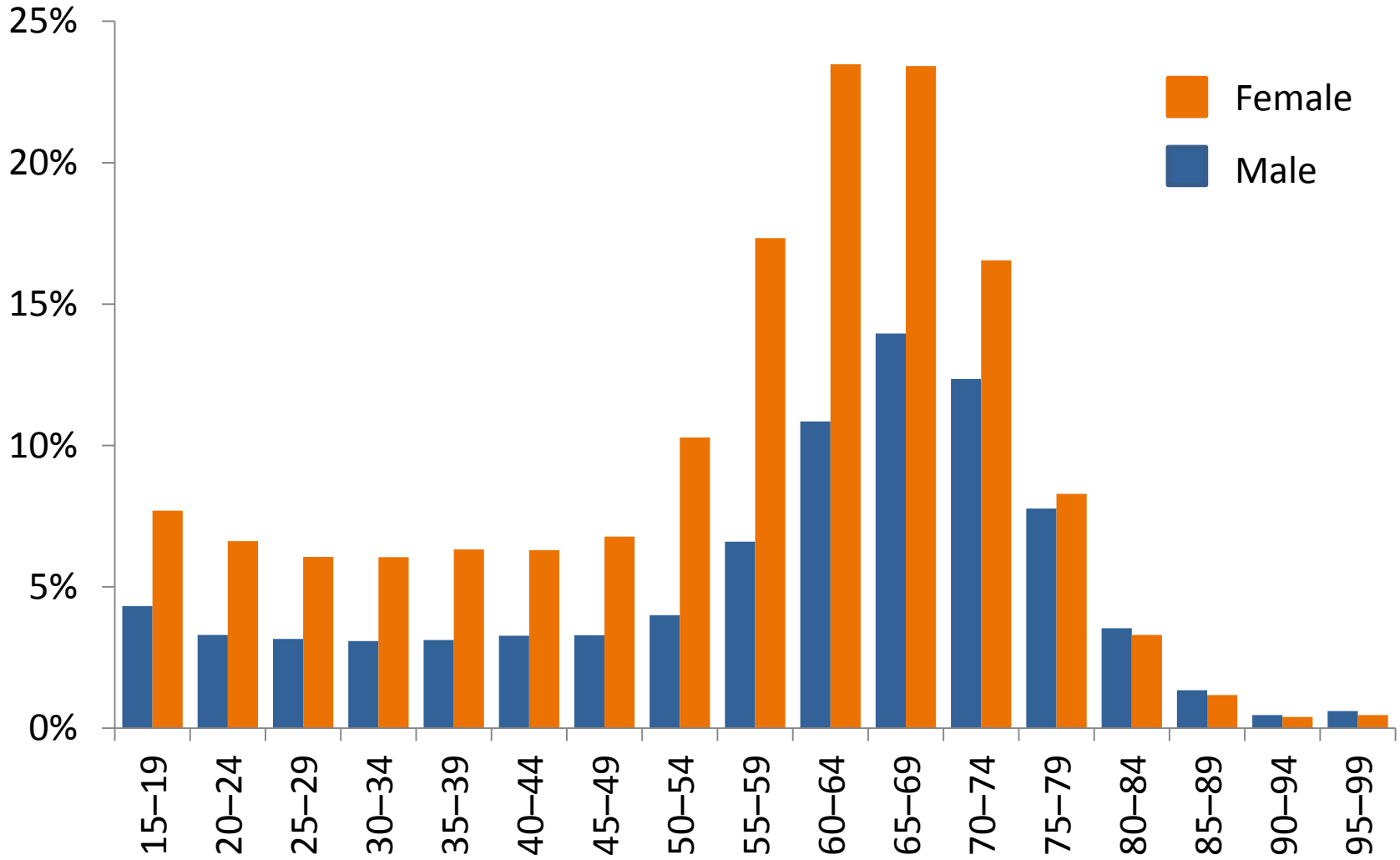
Need for assistance



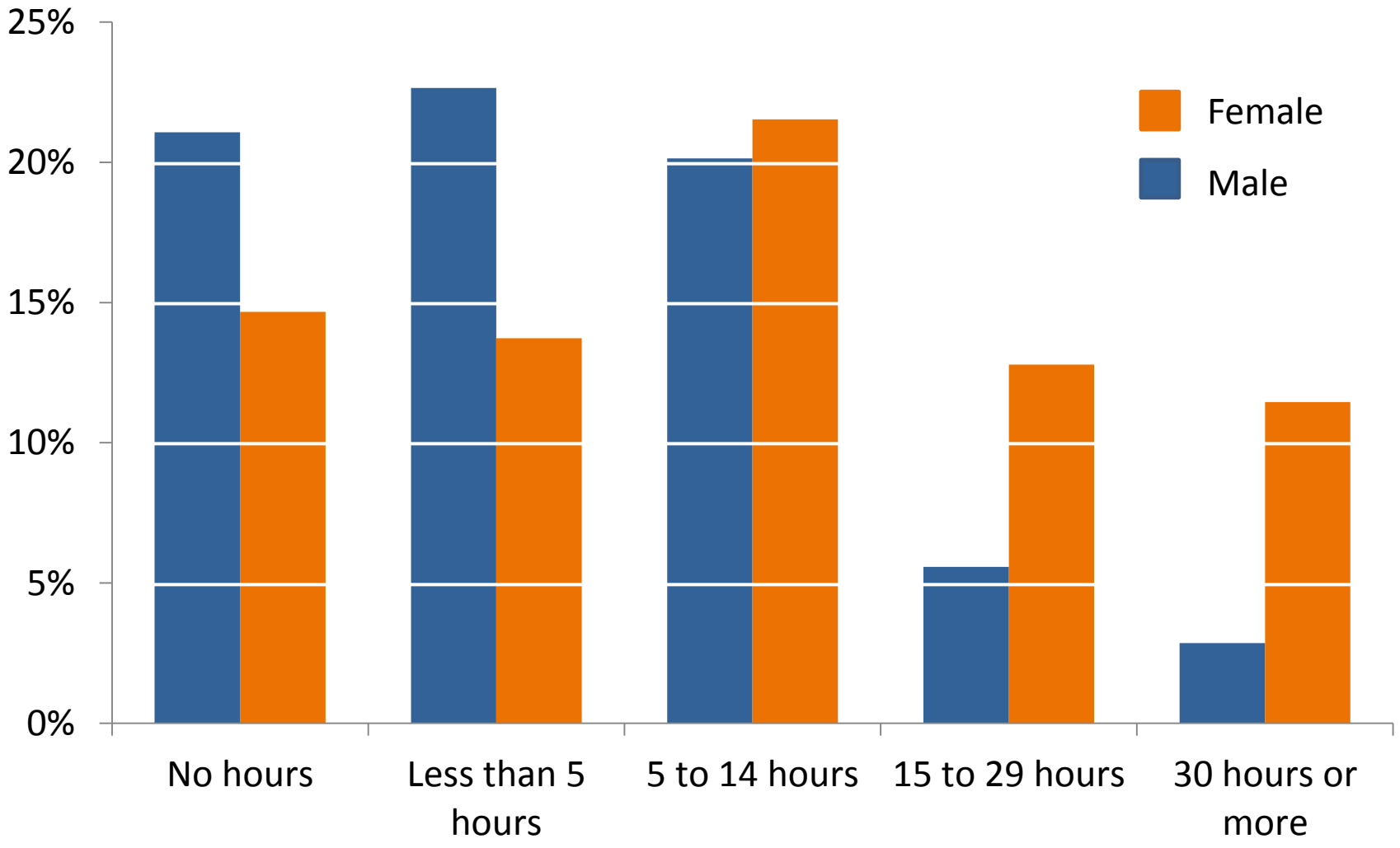
Provided unpaid care



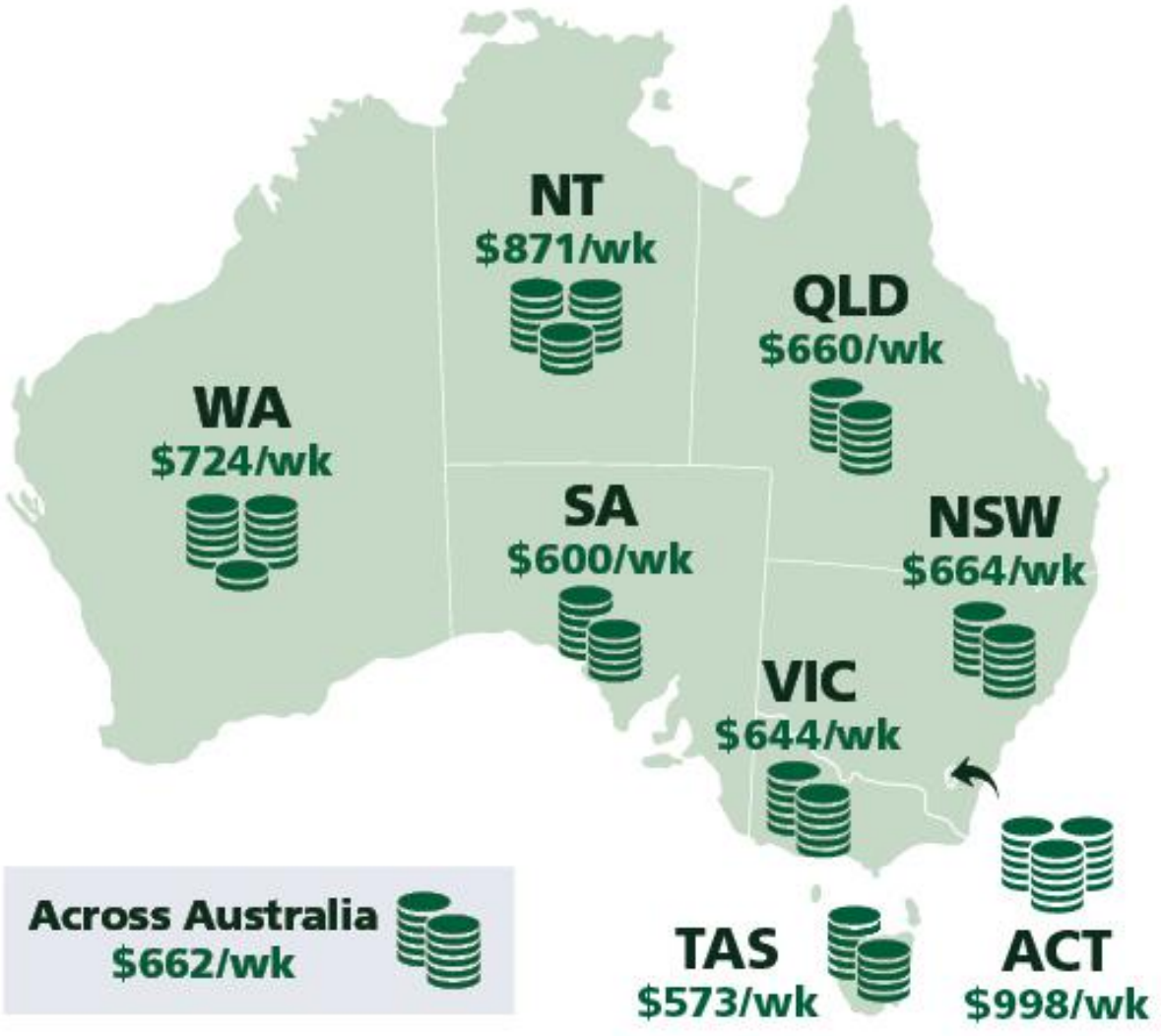
Providing unpaid care for children other than own



Unpaid domestic work



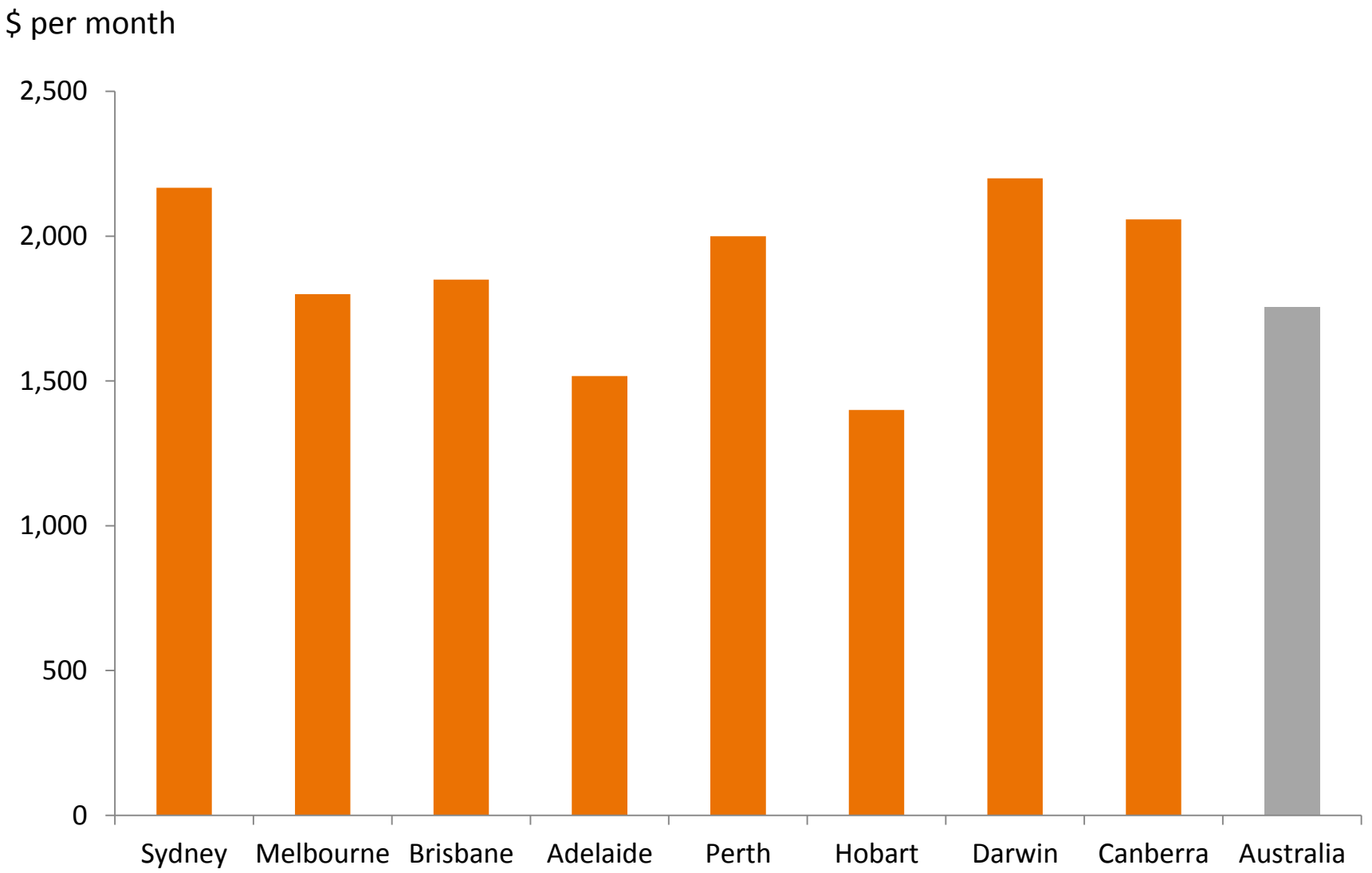
Median personal income



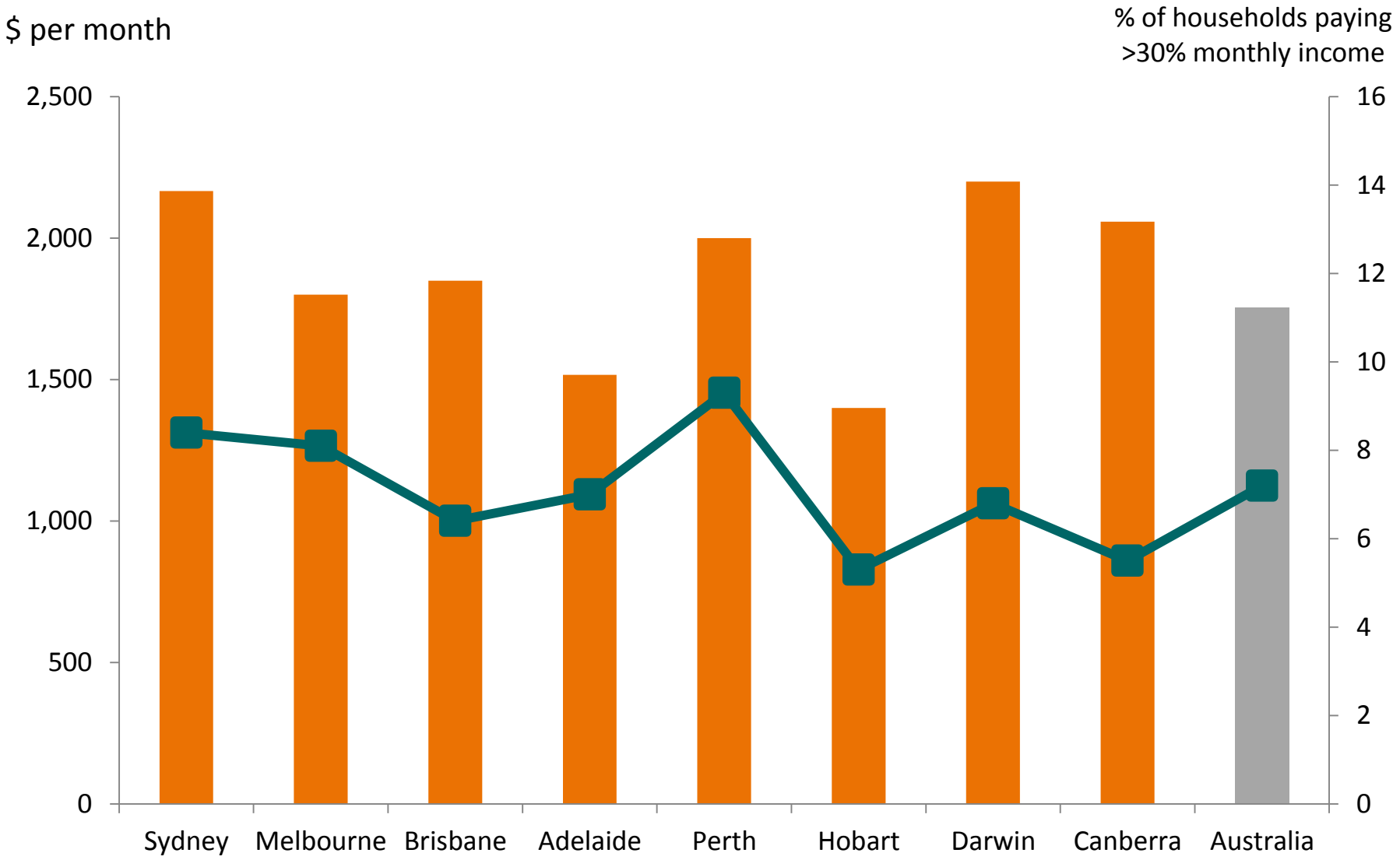
Tenure Type

	Melbourne (%)		Australia (%)	
Tenure Type	**1991**	**2016**	**1991**	**2016**
Owned outright	40.8	30.4	41.1	31.0
Owned with a mortgage	31.1	36.0	27.5	34.5
Rented	23.9	30.0	26.9	30.9

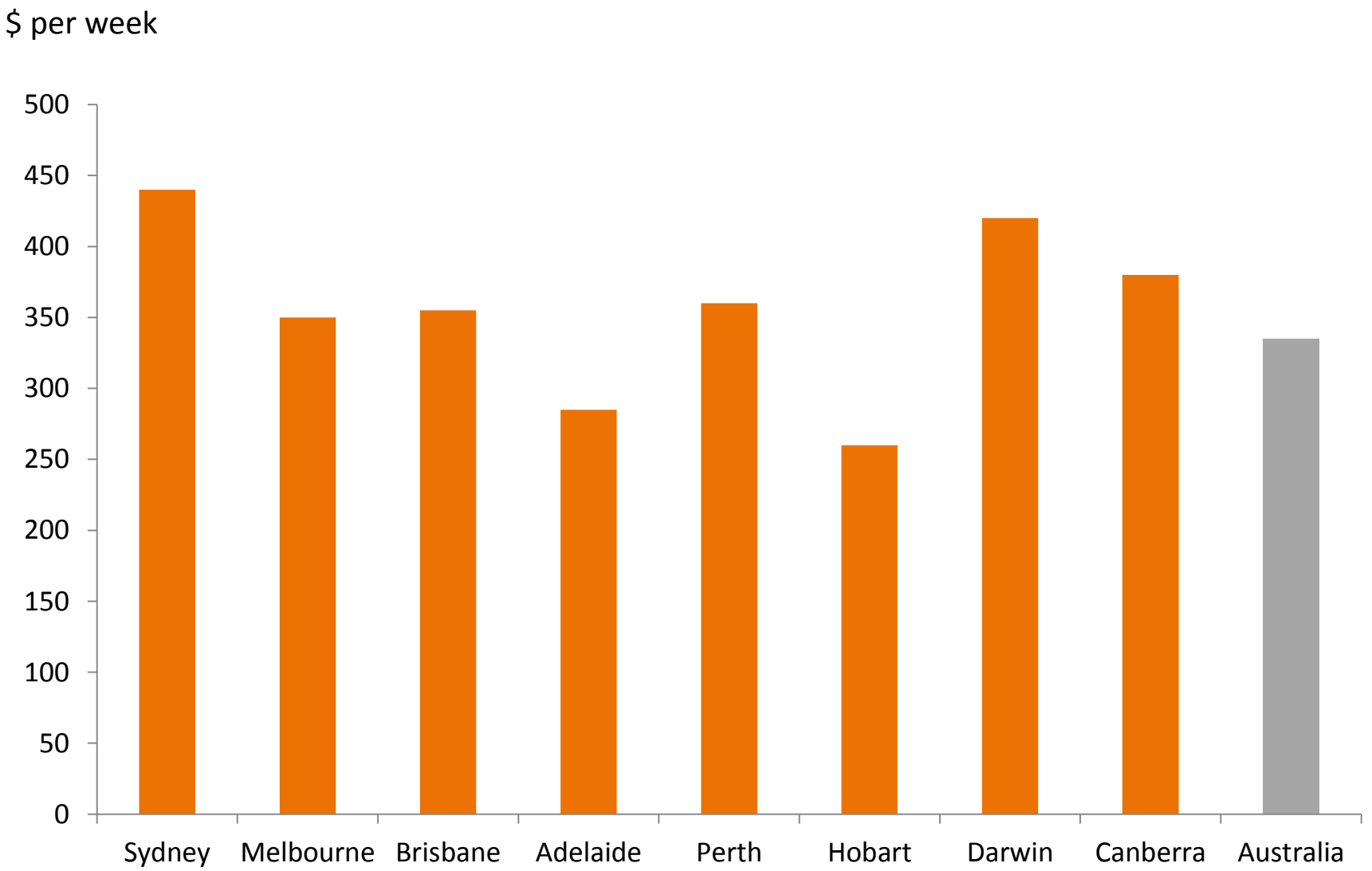
Housing costs – mortgage repayment



Mortgage repayments and household income



Housing costs – rent



Rent and household income

Housing affordability – rent Victoria

Victorian Suburb	% of Households with rent payments greater than 30% of household income	Median weekly rent $
Carlton	54.7	385
Melbourne	39.7	456
North Melbourne	34.2	385
Clayton	33.1	360
Notting Hill	31.1	346
Box Hill	30.5	350
Parkville	27.1	400
West Melbourne	26.2	450
Southbank	26.0	511
Docklands	25.2	501
Victoria	**10.4**	**325**

Housing affordability – mortgage Victoria

Australian Bureau of Statistics

Victorian suburb	% of Households with mortgage repayments greater than 30% of household income	Median monthly mortgage $
Wollert	23.0	2,000
Plumpton	21.6	2,000
Roxburgh Park	20.9	1,650
Cranbourne West	19.7	1,733
Burnside Heights	19.6	2,000
Cairnlea	19.0	1,850
Derrimut	18.8	2,000
Lynbrook	18.4	1,950
Lyndhurst	18.0	2,100
Clyde North	17.8	2,006
Victoria	**7.5**	**1,728**

Accessing Census Data

Accessing Census data

Australian Bureau of Statistics

QuickStats

Community Profiles

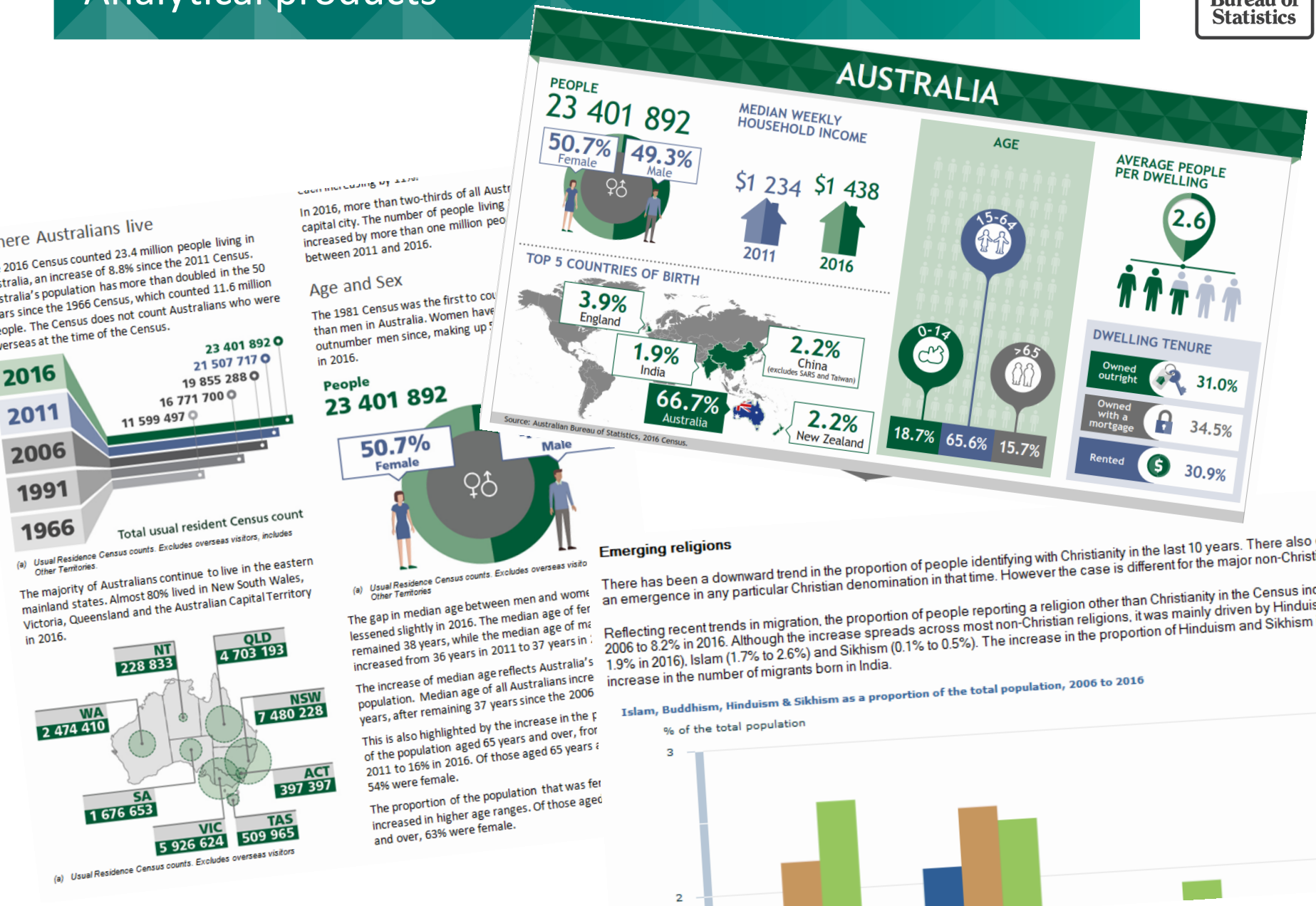
DataPacks

TableBuilder Basic & Pro

Australian Census Longitudinal Dataset

Analytical Products

Analytical products



Accessing Census data

Australian Bureau of Statistics

Census

DATA BY GEOGRAPHY

QuickStats Search 2016

Enter a location GO

Advanced Search by Geography
State Suburbs, Postal Areas, Electoral Divisions, Indigenous Geographies etc

CENSUS STORIES

Data in Pictures
Overview of Australia, States, Territories and Capital Cities

Stories from the 2016 Census
Articles and overviews on a wide range of topics using 2016 Census data

Australia Revealed
Who we are, how we live and where we come from

The 'Typical' Australian
The first insights from the 2016 Census

Census Data in Use
How others use Census data

DATA BY PRODUCTS

Which Census Product is Best for You?
Comparison table of a selection of available 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

DataPacks
Allows you to manipulate Census data in your own systems. 2016 Census data available July 12, 2017

TableBuilder
Enables you to create tables, graphs and maps of Census data. 2016 Census data available July 4, 2017

Customised Data Services
Let us customise data to meet your specific needs

More Census Products
Socio-Economic Indexes for Areas, Census Sample Files, Longitudinal Dataset, Mesh Block Counts

UNDERSTANDING THE CENSUS

Understanding Census Data
How we collect, store and quality assure your data

2016 Census Overview
What happened, What's next

Privacy, Confidentiality & Security
How we uphold our legal obligations

2016 Census Dictionary
Glossary terms, Classifications

Historical Census Data
2011, 2006, 2001, 1996, 1991 and beyond

QuickStats

Australian Bureau of Statistics

2016 Census QuickStats

Australia | Australian Capital Territory | Statistical Area Level 4

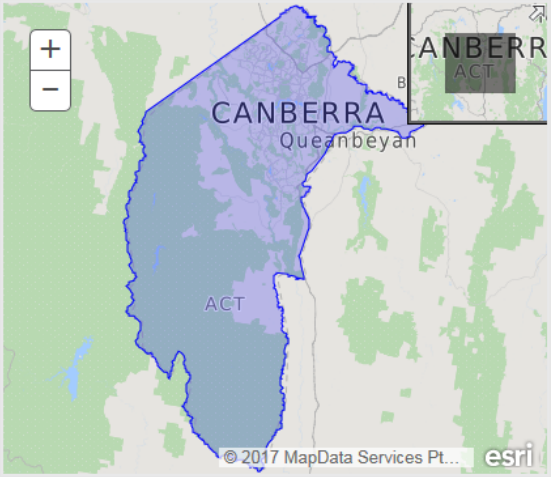
Australian Capital Territory

Code 801 (SA4)

View the Community Profile for Australian Capital Territory

People	**385,035**
Male	189,479%
Female	195,556%
Median age	35
Families	**101,959**
Average children per family	
for families with children	1.8
for all families	
All private dwellings	**163,182**
Average people per household	2.5
Median weekly household income	$2,070
Median monthly mortgage repayments	$2,058
Median weekly rent	$380
Average motor vehicles per dwelling	1.8

QuickStats Search



People	includes demographics & education | cultural & language diversity | employment
Families	includes family composition | weekly incomes | employment status of couple families
Dwellings	includes dwelling structure | household composition | mortgage & rent | number of motor vehicles | internet connection
Aboriginal and Torres Strait Islander people	includes selected people & dwelling characteristics

LATEST ISSUE Released at 11:30 AM (AEST) 27/06/2017

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 the table totals. For further information, go to the User Guide for QuickStats.

Community Profiles

Australian Bureau of Statistics

2016 Census Community Profiles

Australia | Australian Capital Territory | Statistical Area Level 4

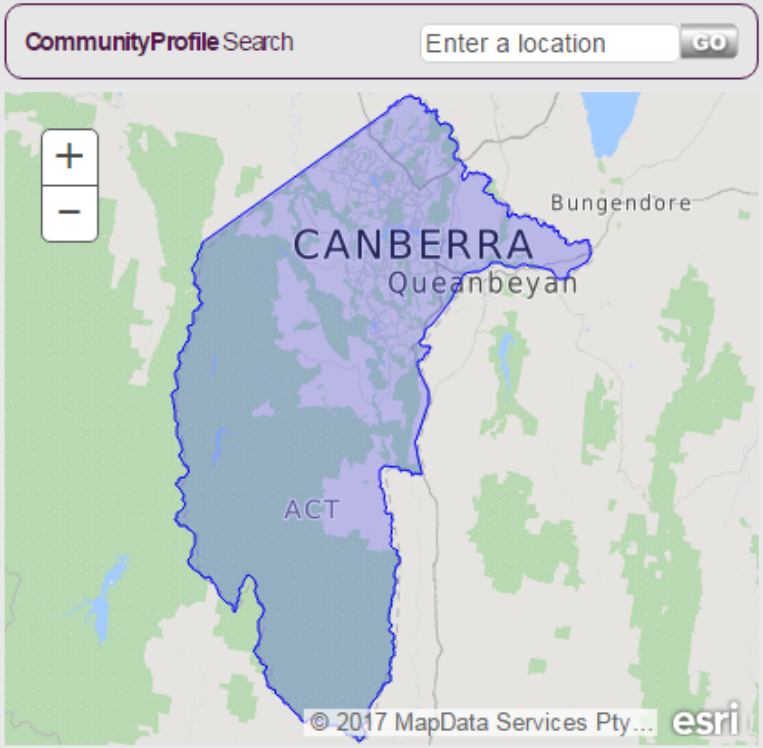
Australian Capital Territory

Code 801 (SA4)

View the Quickstat for Australian Capital Territory

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	404KB
Aboriginal and Torres Strait Islander Peoples Profile	145KB
Time Series Profile	243KB



LATEST ISSUE Released at 11:30 AM (AEST) 27/06/2017

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 the table totals. For further information, go to the User Guide for Community Profiles.

TableBuilder

Australian Bureau of Statistics

Datasets | Saved Tables | Table View | Graph View | Map View | Custom Data

Dataset: 2011 Census - Children and Childcare

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

Collapse All | Un-tick All | 0 items selected.

- Castlemaine
- Catani
- Cathcart (Vic.)
- Caulfield
- Caulfield East
- Caulfield North
- Caulfield South
- Cavendish
- Ceres
- Chadstone
- Charlton (Vic.)
- Chelsea
- Chelsea Heights
- Cheltenham (Vic.)
- Chepstowe
- Cheshunt
- Chewton
- Childers (Vic.)
- Chiltern
- Chirnside Park
- Christmas Hills (Vic.)
- Chum Creek
- Churchill (Vic.)
- Clarendon (Vic.)
- Clarinda
- Clarkefield
- ***Clayton***
- Clayton South
- Clematis
- Clifton Creek
- Clifton Hill
- Clifton Springs
- Clonbinane

Retrieve Data | Clear Table | Save Table | Print Table | Options | Trash

AGE10P - Age in Ten Year Groups by SSC and Sex (SEXP)

Filters:

Default Summation : Persons, Place of Usual Residence

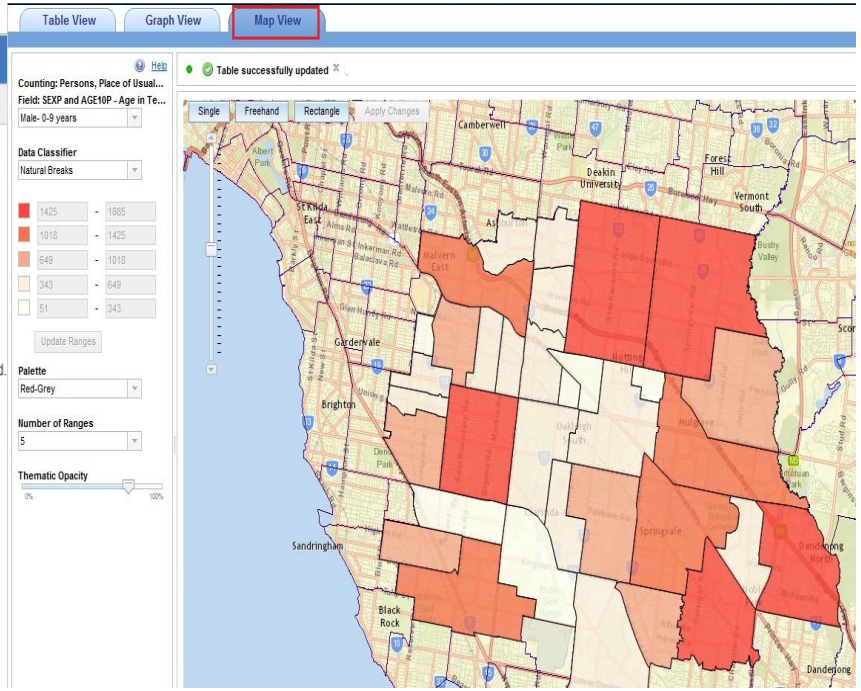
Wafers:

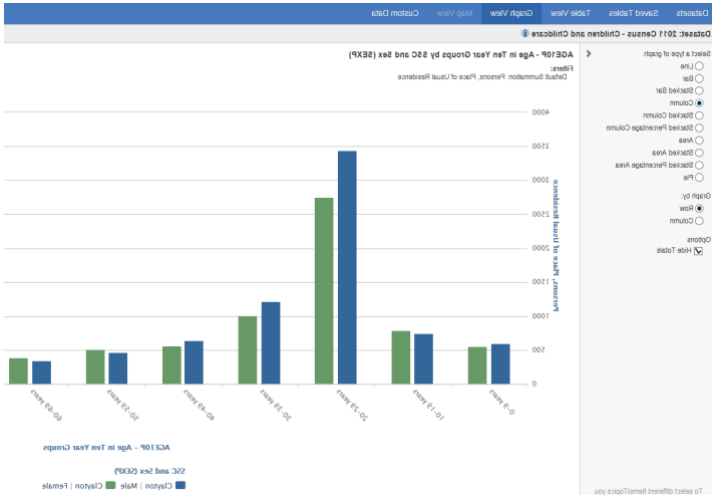
Cell count, **72** (6 columns x 12 rows x 1 wafers) total, **36** (3 columns x 12 rows x 1 wafers) displayed.

<< SSC	Clayton		
Sex (SEXP)	Male	Female	Total
AGE10P - Age in Ten Year Groups			
0-9 years	599	559	1,158
10-19 years	751	783	1,534
20-29 years	3,443	2,749	6,192
30-39 years	1,218	1,003	2,221
40-49 years	644	565	1,209
50-59 years	469	505	974
60-69 years	348	381	729
70-79 years	299	430	729
80-89 years	262	387	649
90-99 years	46	102	148
100 years and over	0	0	0
Total	8,079	7,464	15,543

Data Source : 2011 Census of Population and Housing
For further information see About this data, Data Confidentiality

INFO: Cells in this table have been randomly adjusted to avoid the release of confidential data. No reliance sh





2016 Census –Release dates

Australian Bureau of Statistics

27 June 2017 –
Main data release

July

- Person, family and household statistics
- Age, sex, religion, language, income and many more topics
- Community level data
- Estimated Resident Population update
- Post Enumeration Survey results
- Independent Assurance Panel report

Detailed data products available from July

- TableBuilder
- DataPacks

October 2017

October

- QuickStats
- Profiles
- TableBuilder
- DataPacks
- Employment, qualifications and population mobility topics available

Additional releases from December 2017

December

- Australian Census Longitudinal Dataset
- SEIFA
- Census Microdata
- Homelessness Estimates

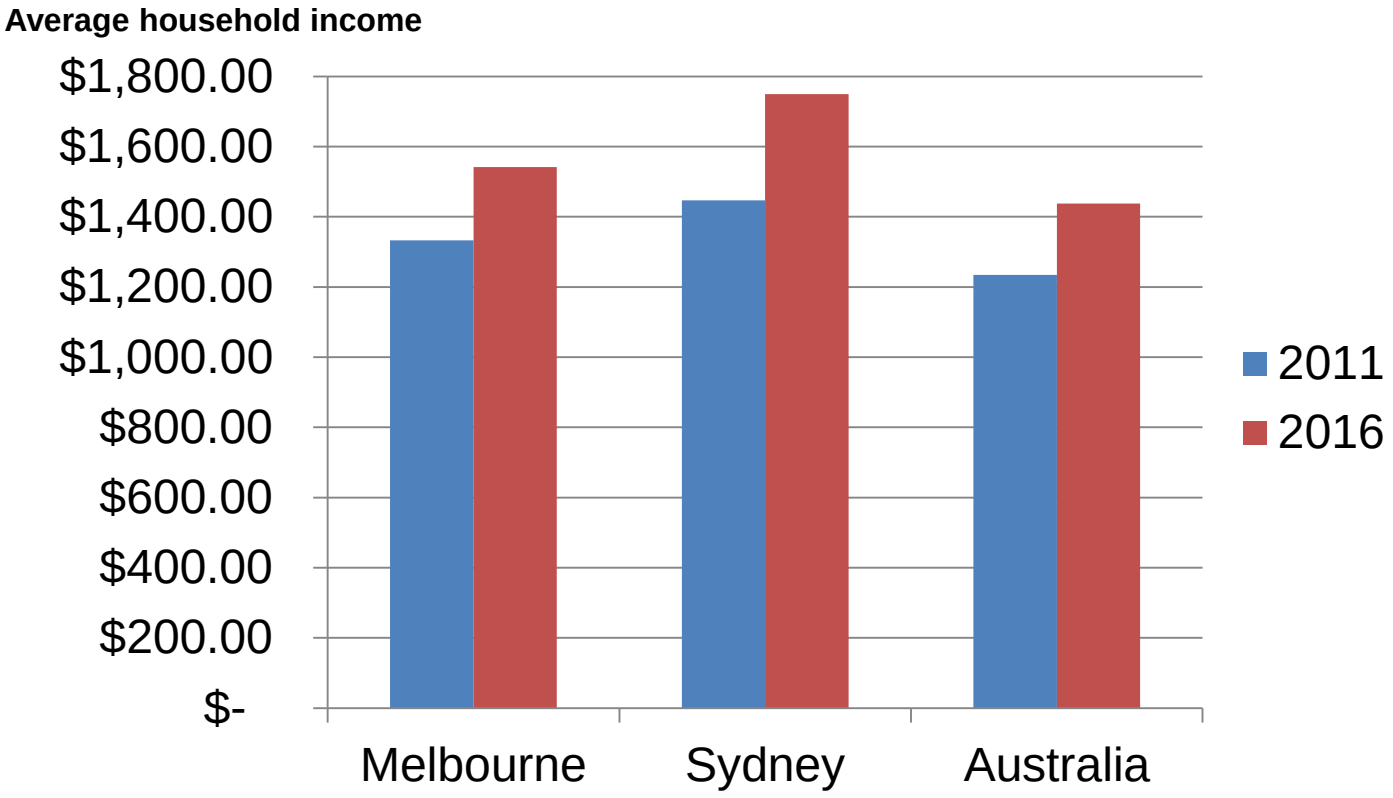
Questions?

1300 135 070

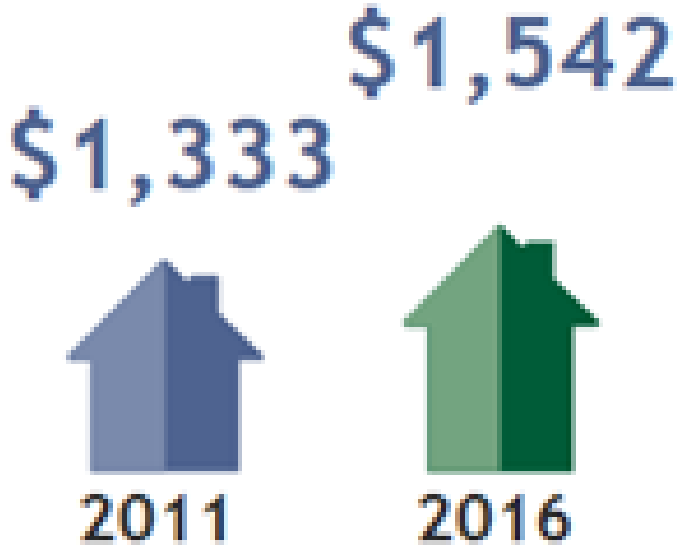
@ABSCensus

Census Australia

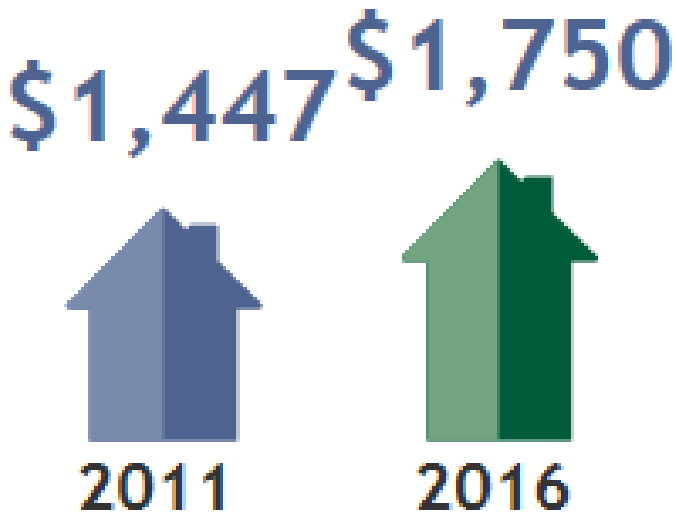
CensusAustralia


Average household income
$1,800.00
$1,600.00
$1,400.00
$1,200.00
$1,000.00
$800.00
$600.00
$400.00
$200.00
$-
Melbourne
Sydney
Australia
2011
2016

Household Income



Melbourne



Sydney

Population growth – Melbourne

Melbourne	1991	1996	2001	2006	2011	2016
Population	2,997,403	3,158,165	3,367,169	3,592,592	3,999,981	4,485,211
Growth from Previous Census	-	5.4%	6.6%	6.7%	11.3%	12.1%

Population growth – Sydney

Sydney	1991	1996	2001	2006	2011	2016
Population	3,455,884	3,717,417	3,961,451	4,119,190	4,391,673	4,823,991
Growth from Previous Census	-	7.6%	6.6%	4.0%	6.6%	9.8%

Housing affordability – Combined Victoria

Australian Bureau of Statistics

Victoria State Suburb	Rent payments greater than 30% of household income	Mortgage repayments greater than 30% of household income	% Rent and Mortgage greater than 30% of household income
Carlton (Vic.)	54.7	2.6	57.3
Melbourne	39.7	5.3	45.0
Clayton	33.1	5.2	38.3
North Melbourne	34.2	3.7	37.9
Notting Hill	31.1	6.6	37.7
Box Hill (Vic.)	30.5	5.9	36.4
Travancore	27.7	4.6	32.3
Docklands	25.2	6.9	32.1
Wollert	8.9	23.0	31.9
Southbank	26	5.5	31.5
Whole of Victoria	**10.4**	**7.5**	**17.9**

Housing affordability – Combined New South Wales

Australian Bureau of Statistics

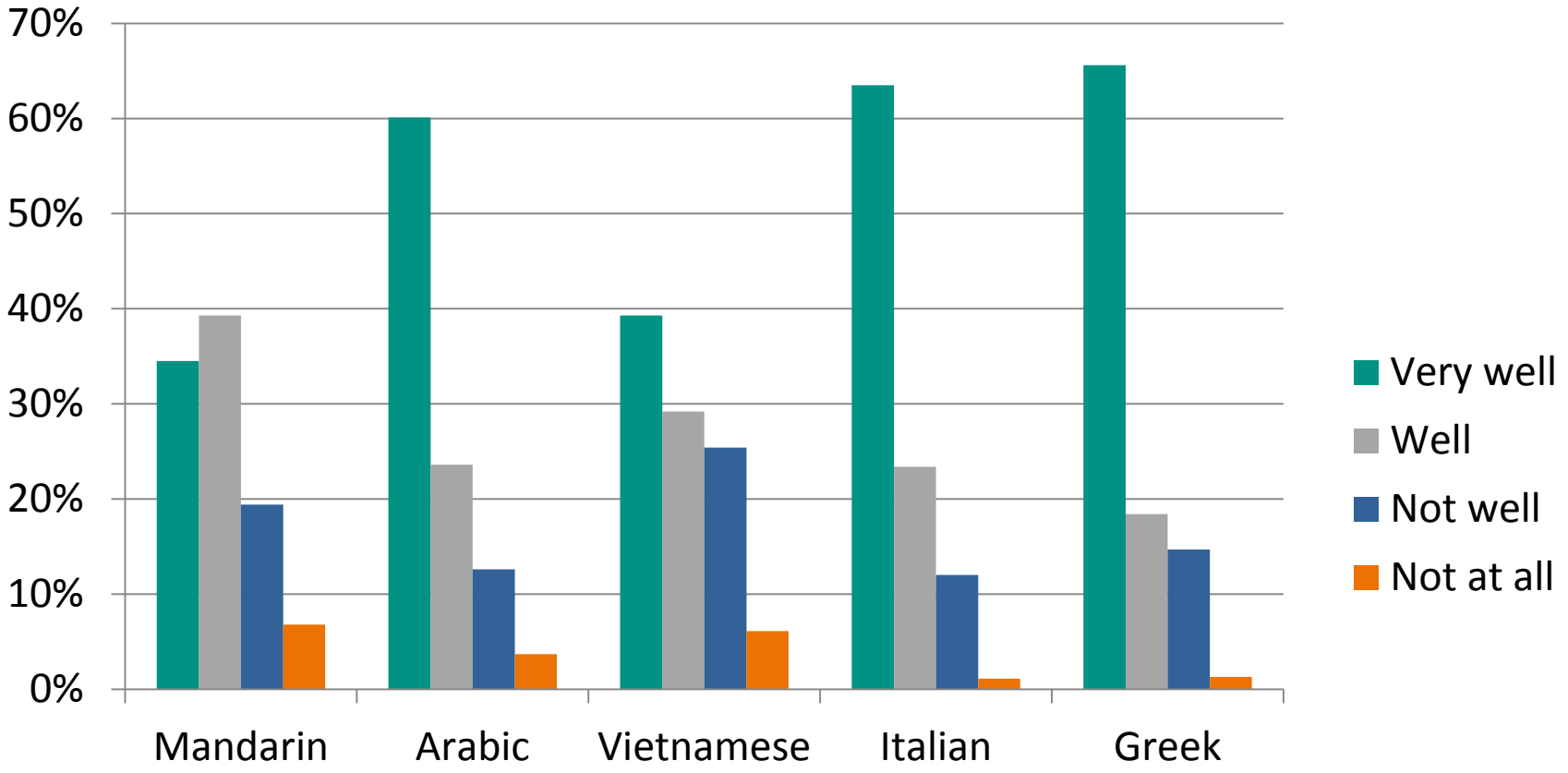
NSW State Suburb	Rent payments greater than 30% of household income	Mortgage repayments greater than 30% of household income	% Rent and Mortgage greater than 30% of household income
Haymarket	47.8	5.9	53.7
Chippendale	46.5	4.8	51.3
Darlington (Sydney)	47.0	4.1	51.1
Ultimo	45.2	3.7	48.9
Rhodes	32.5	11.8	44.3
Zetland	31.8	9.8	41.6
Lakemba	33.8	7.5	41.3
Sydney	35.5	4.5	40.0
Fairfield (NSW)	33.6	6.4	40.0
Wiley Park	32.0	7.7	39.7
Whole of NSW	**12.9**	**7.4**	**20.3**

Aboriginal and Torres Strait Islander population

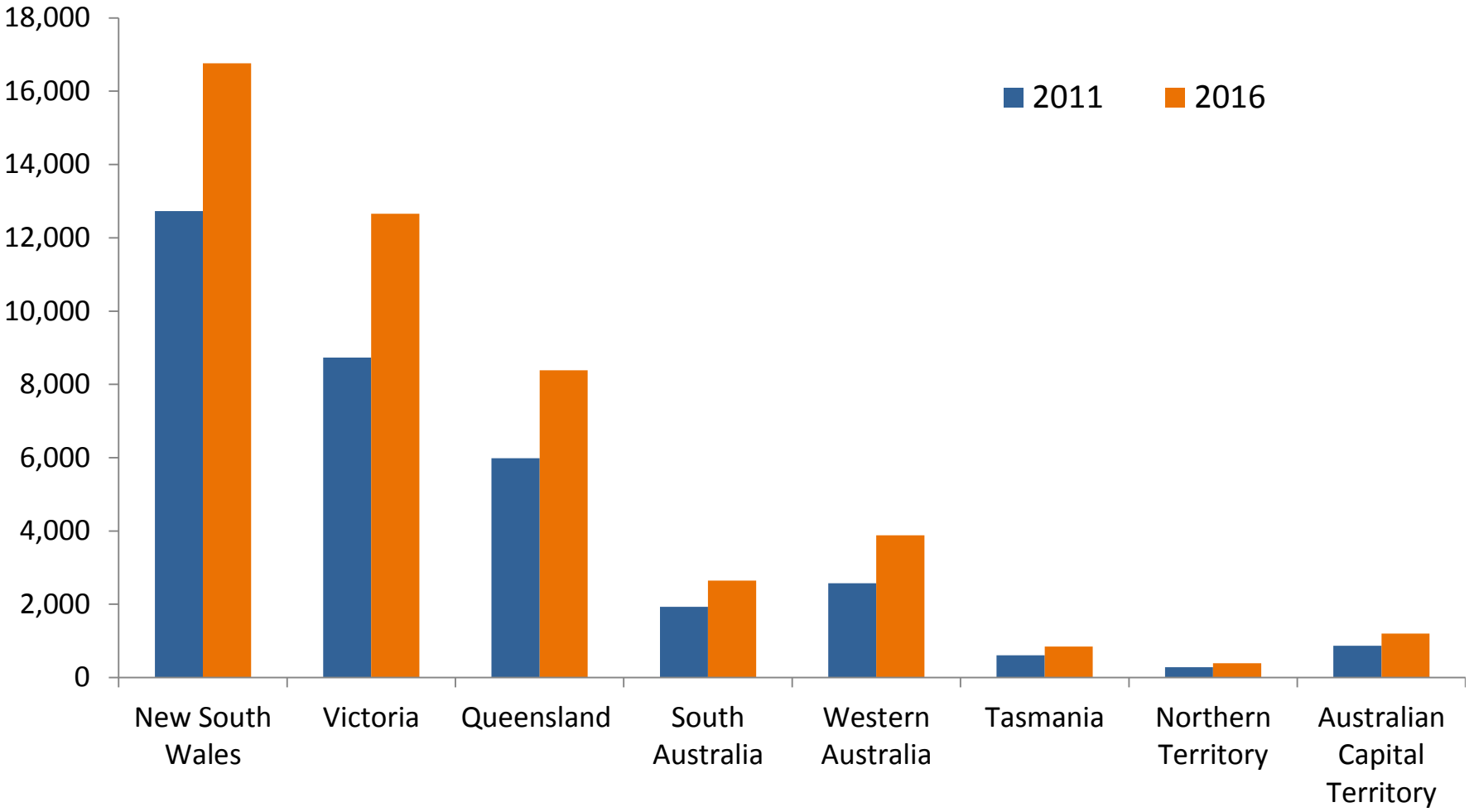
Australian Bureau of Statistics

Melbourne	2016	2011
Population	24,062	18,025
Median Age	24	23
Average number of people per household	3	3
Average number of persons per bedroom	1	1.2
Median weekly household income	$1,433	$1,178
Median weekly rent	$321	$270
Median monthly mortgage repayments	$1,733	$1,733

Language proficiency by selected languages spoken



Same sex couples - States and Territories



Same sex couples as a proportion of all couples

	Greater Capital City %	Balance of State %	Total %
New South Wales	1.2	0.7	1.1
Victoria	1.1	0.6	1.0
Queensland	1.1	0.6	0.8
South Australia	0.8	0.4	0.7
Western Australia	0.8	0.7	0.7
Tasmania	1	0.6	0.8
Northern Territory	0.9	1	0.9
Australian Capital Territory(a)	1.4	...	1.4
Australia(b)	**1.1**	**0.6**	**0.9**

(a) The whole of ACT is classified as a Greater Capital City Statistical Area
(b) Includes Other Territories

Altruistic Australia

Australian Bureau of Statistics

	Unpaid childcare rate	Volunteering rate	Provided assistance rate
Melbourne	275	176	113
Victoria	274	192	116
Australia	276	190	113

Altruistic Australia

	Unpaid childcare rate	Volunteering rate	Provided assistance rate
Sydney	273	167	111
New South Wales	272	181	116
Australia	276	190	113