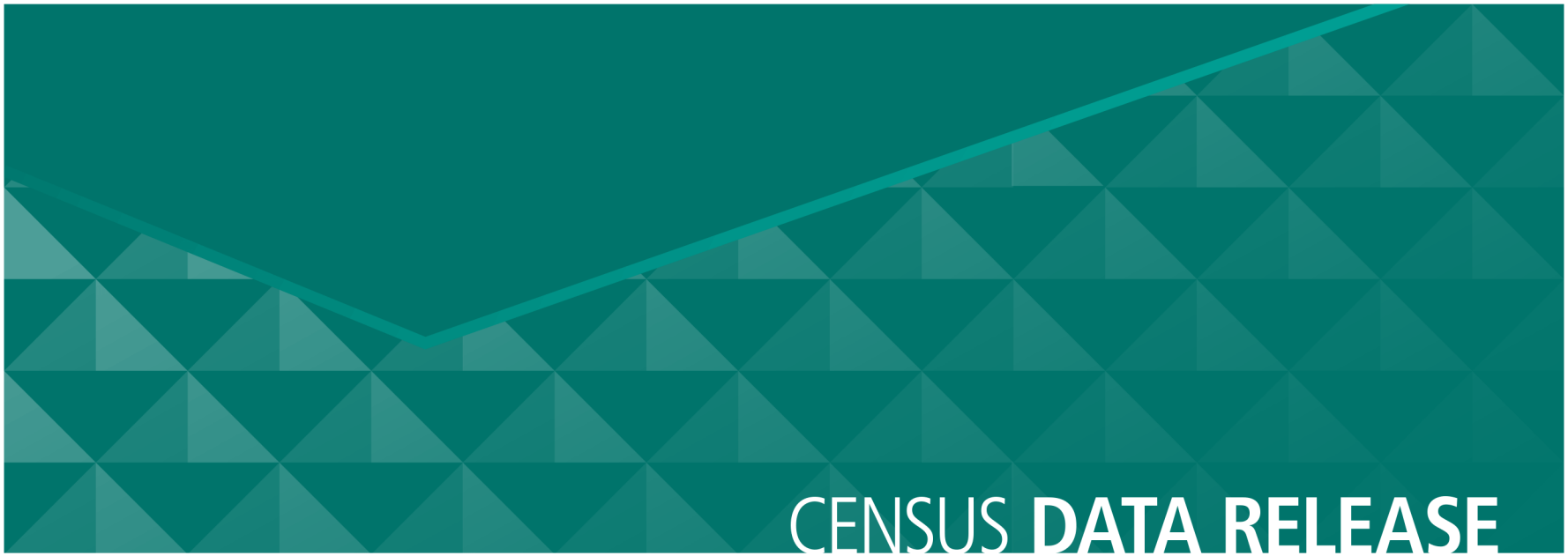
Australian Bureau of Statistics

2016 Census Data Seminar



State of Origin – a statistical take

Australian Bureau of Statistics

BLUES

Population
7,480,228 vs 4,703,193

NRL Aged Males
920,642 vs 567,954

Household income
$1,486 vs $1,402

Caring
12% vs 11%

Online Response
64.9%

MAROONS

Growth Rate
8.6% vs 8.1%

Indigenous Population
4.0% vs 2.9%

Housing costs
Lower mortgages and rent

Unpaid domestic work
71% vs 68%

Online Response
62.9%

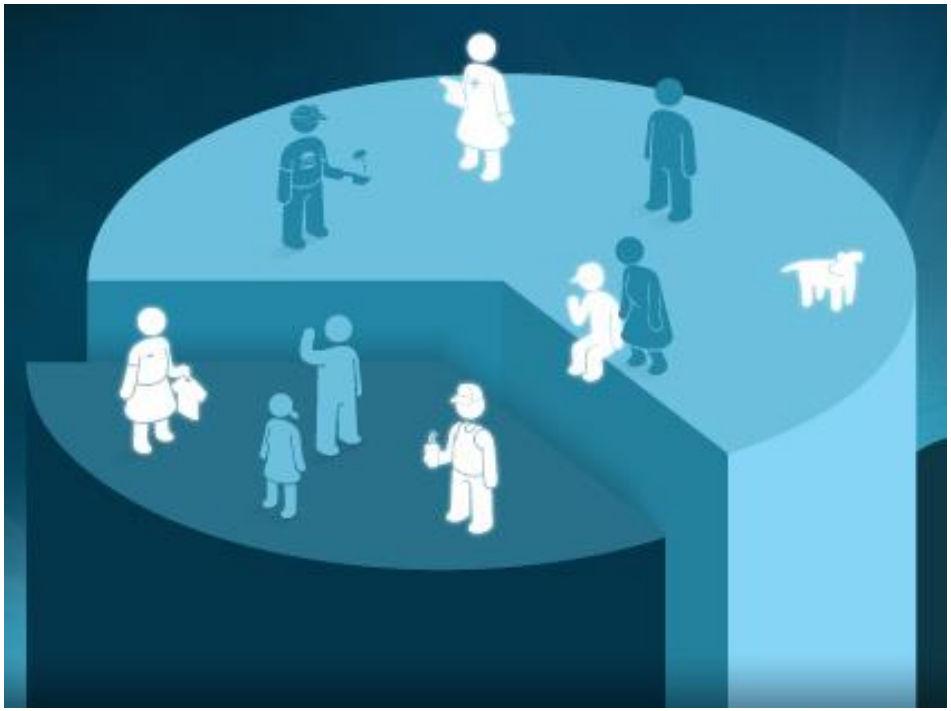
Value of the Census

Allocation of government funds and support for elections

Government planning, administration and policy development

Use in other ABS statistics

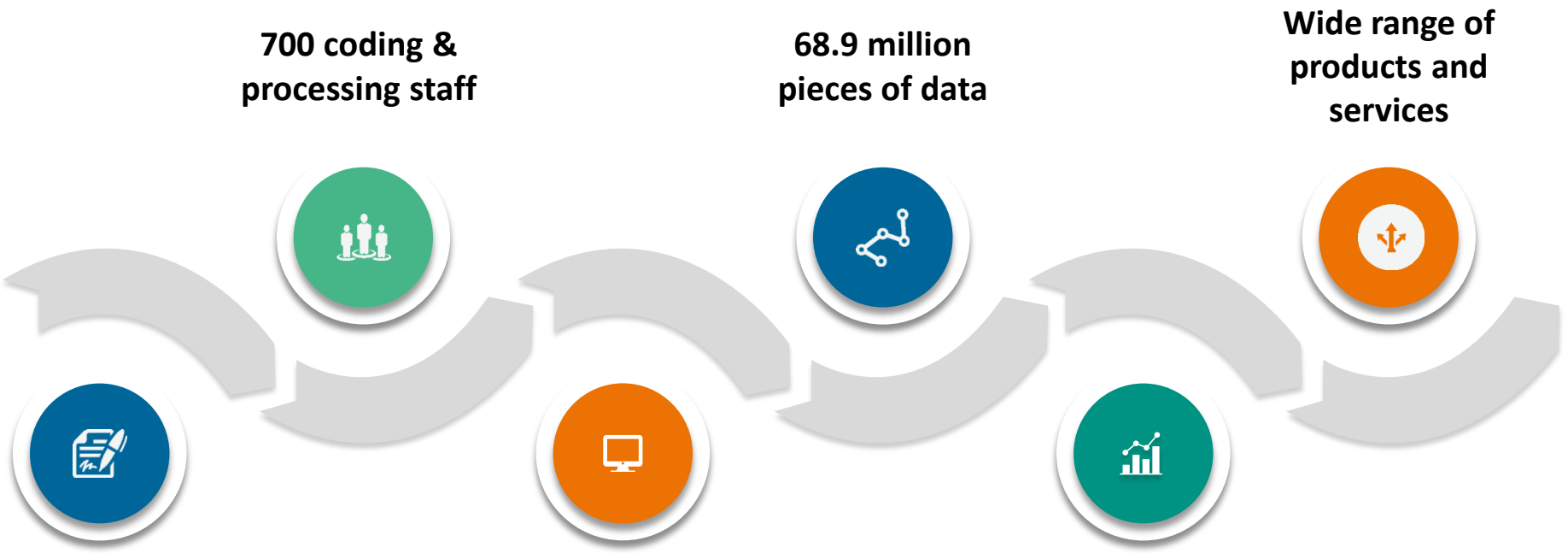
Use by communities, businesses and researchers



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

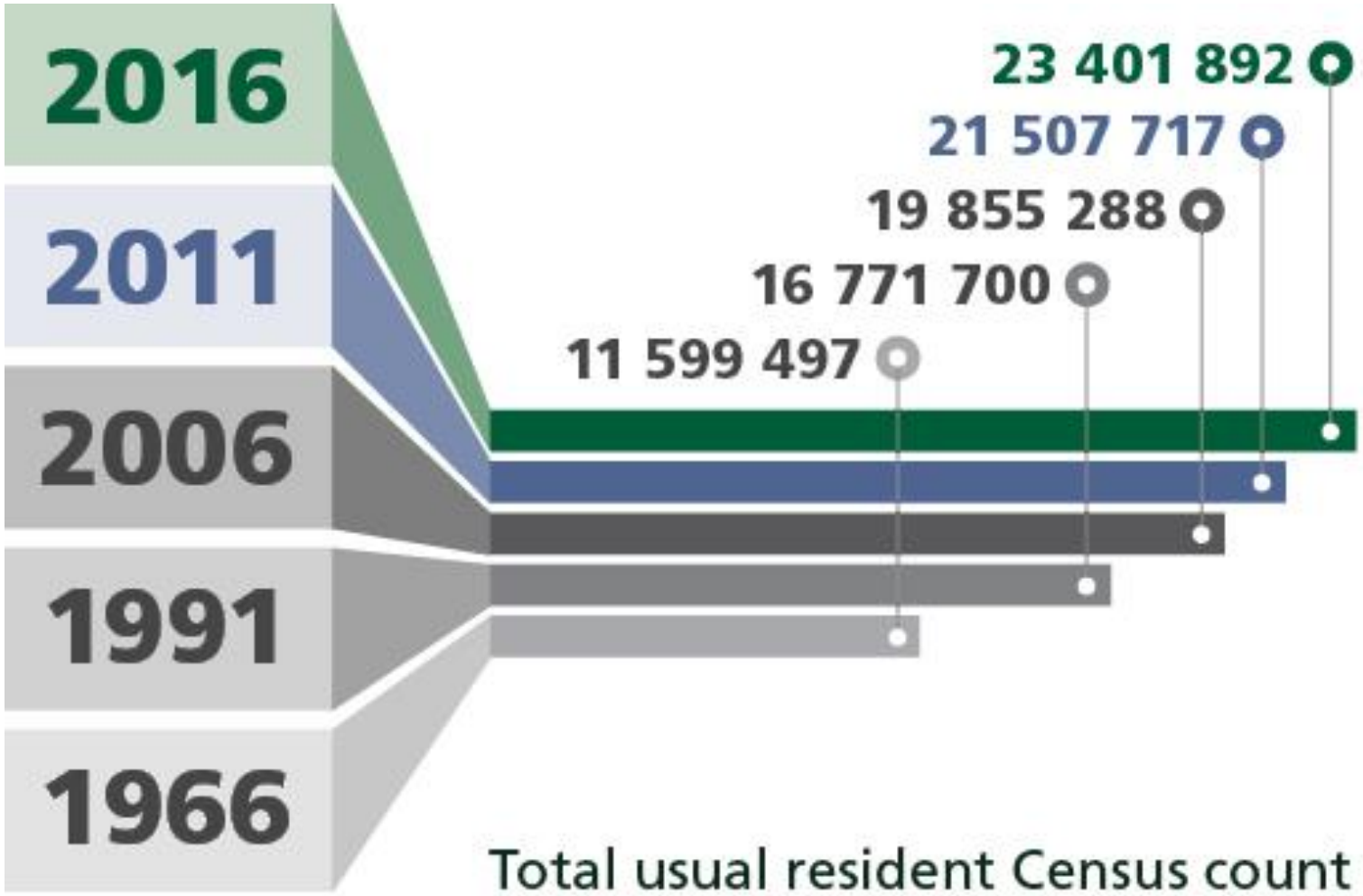
Snapshot of Australia

Australian Bureau of Statistics

Your Australia

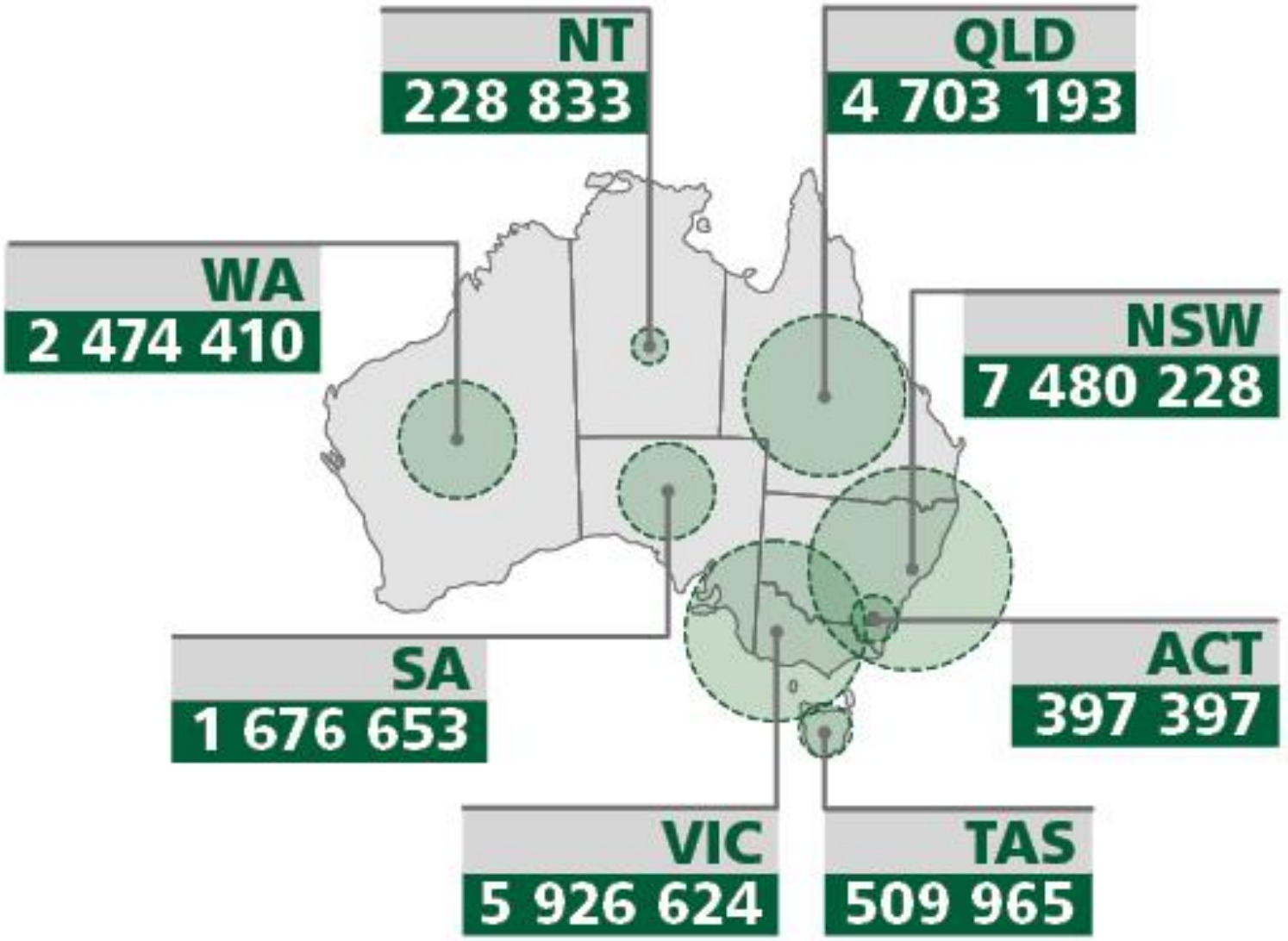
CENSUS **DATA RELEASE**

Population Growth

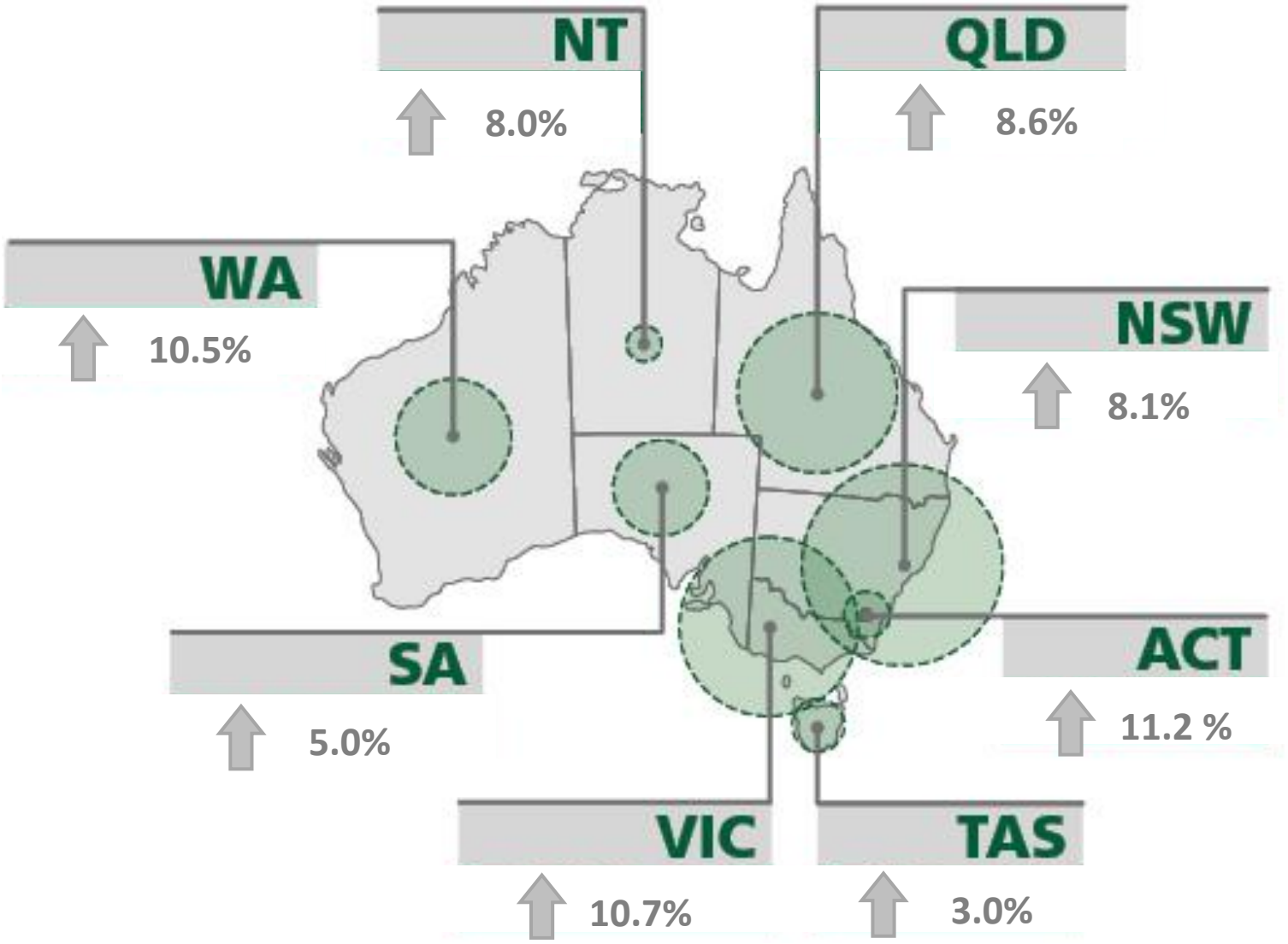


Where do Australians live?

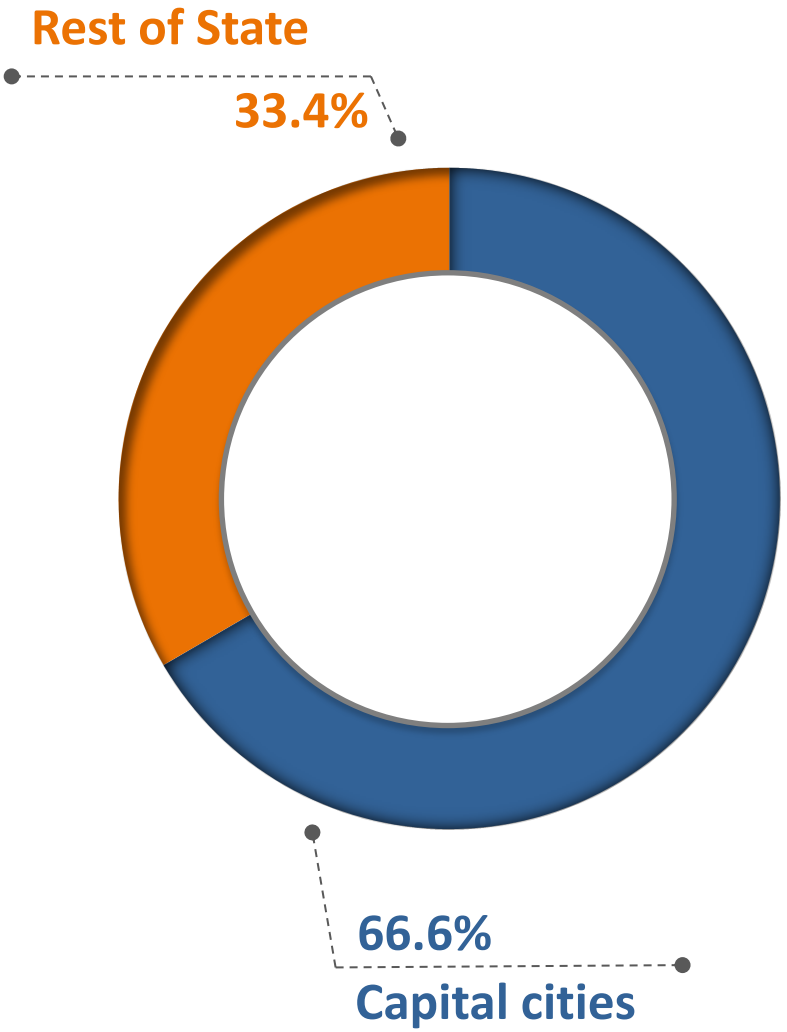
Australian Bureau of Statistics



State growth rate

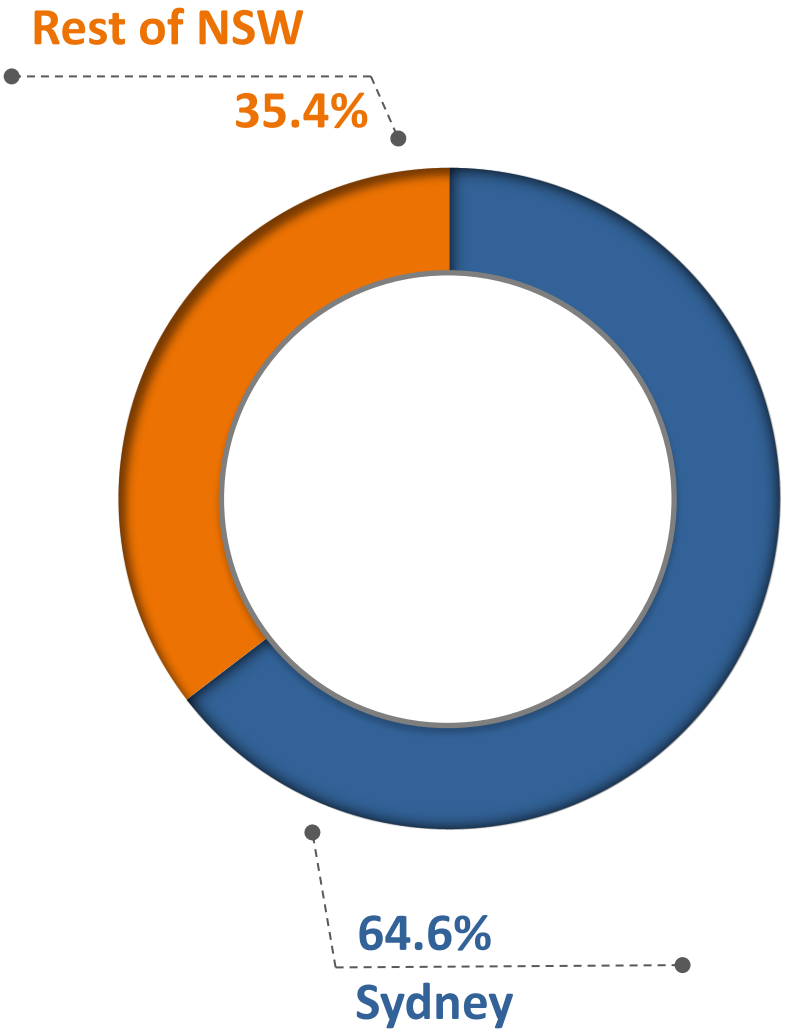


Capital cities – population



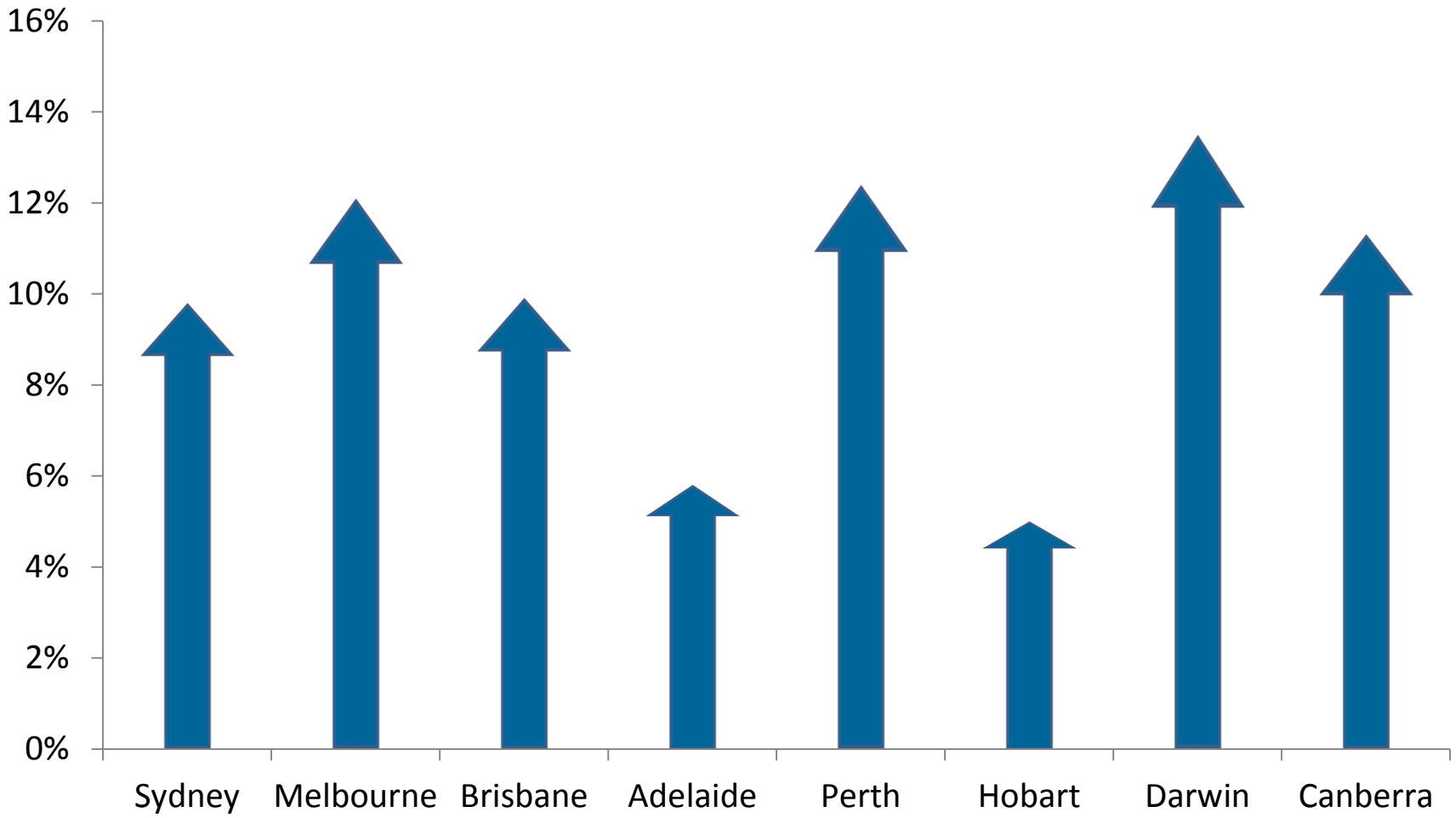
Capital City	2016 (millions)
Sydney	4.8
Melbourne	4.5
Brisbane	2.3
Adelaide	1.3
Perth	1.9
Hobart	0.2
Darwin	0.1
Canberra	0.4

Capital cities – population

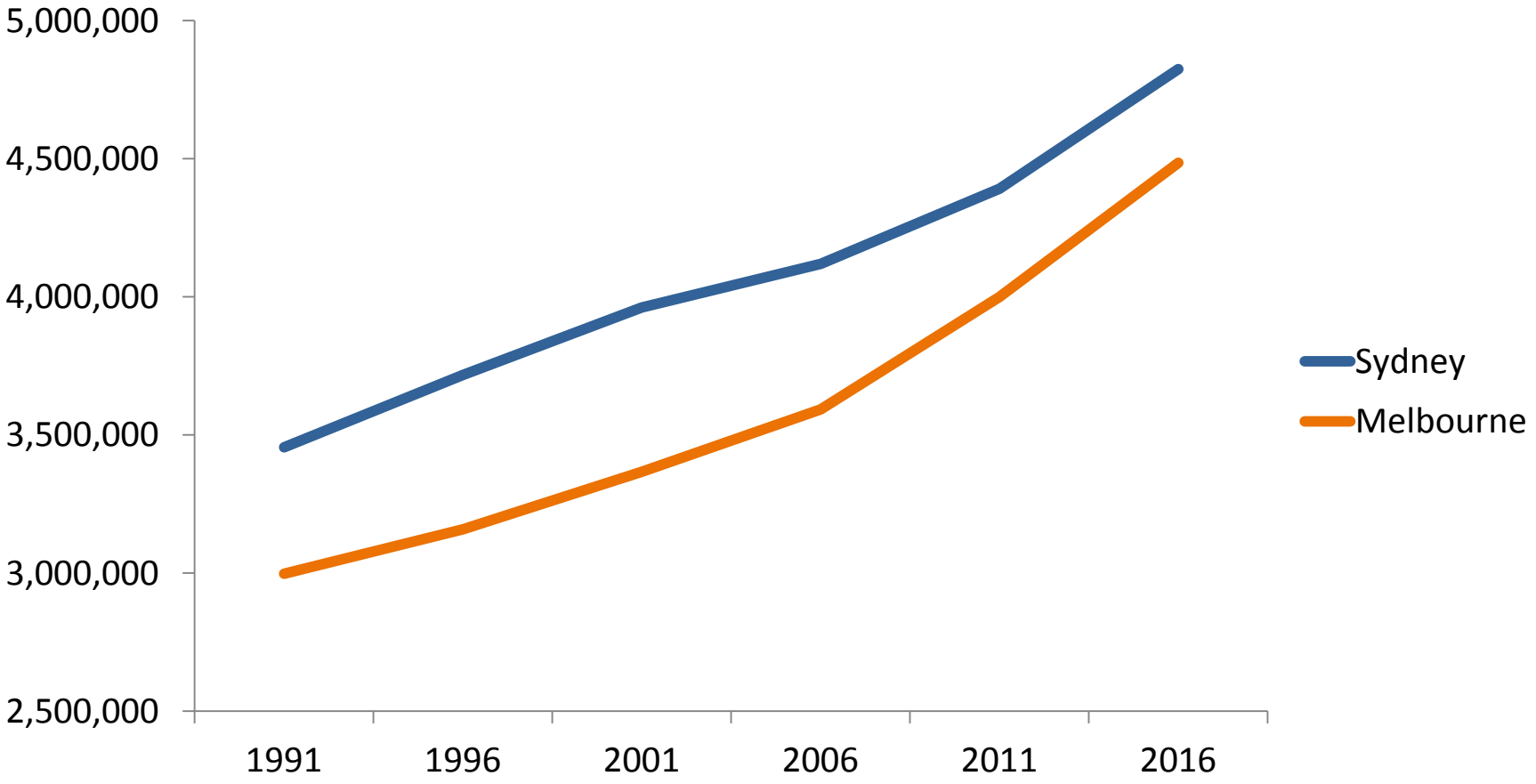


Capital City	2016 (millions)
Sydney	4.8
Melbourne	4.5
Brisbane	2.3
Adelaide	1.3
Perth	1.9
Hobart	0.2
Darwin	0.1
Canberra	0.4

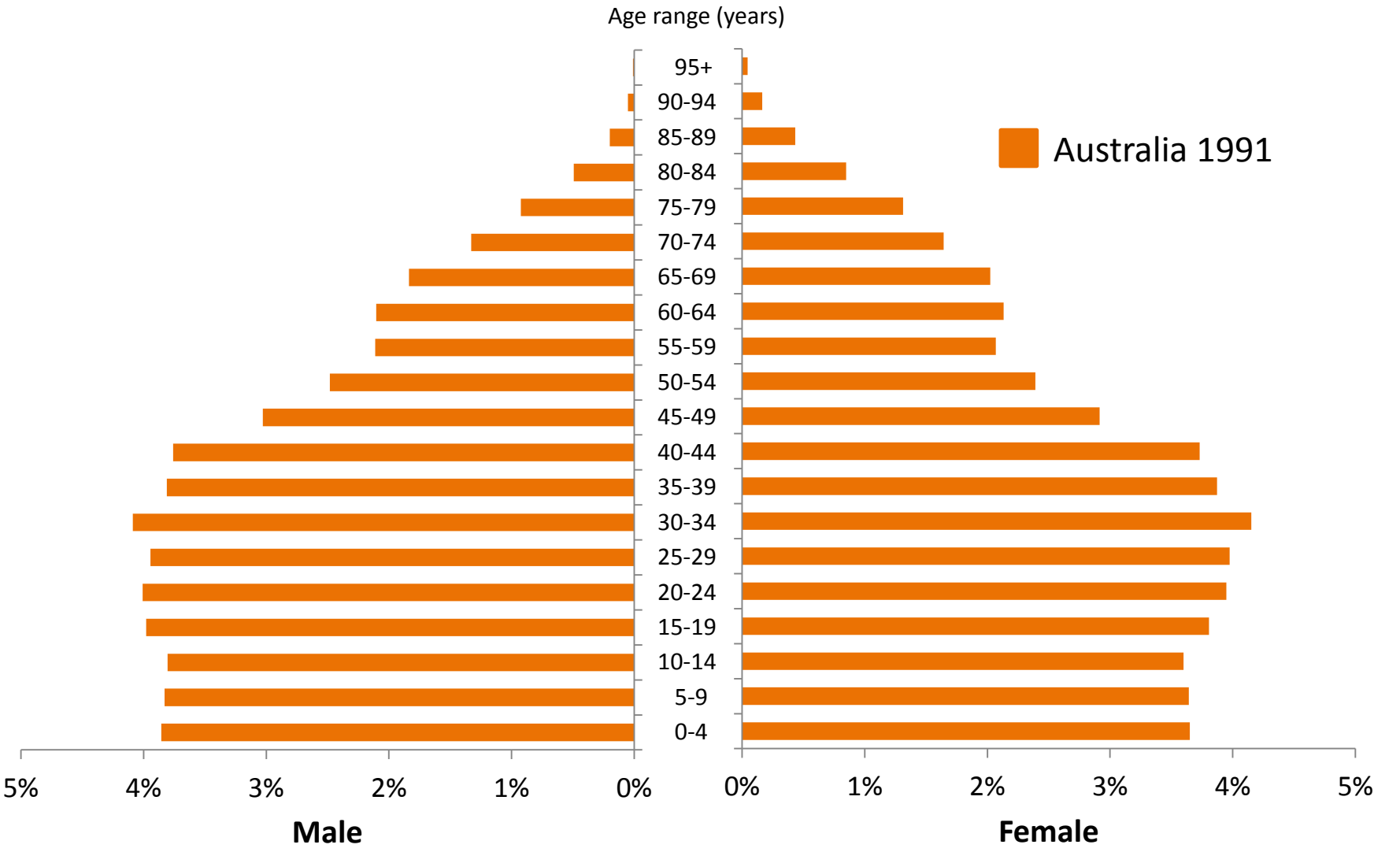
Capital city growth



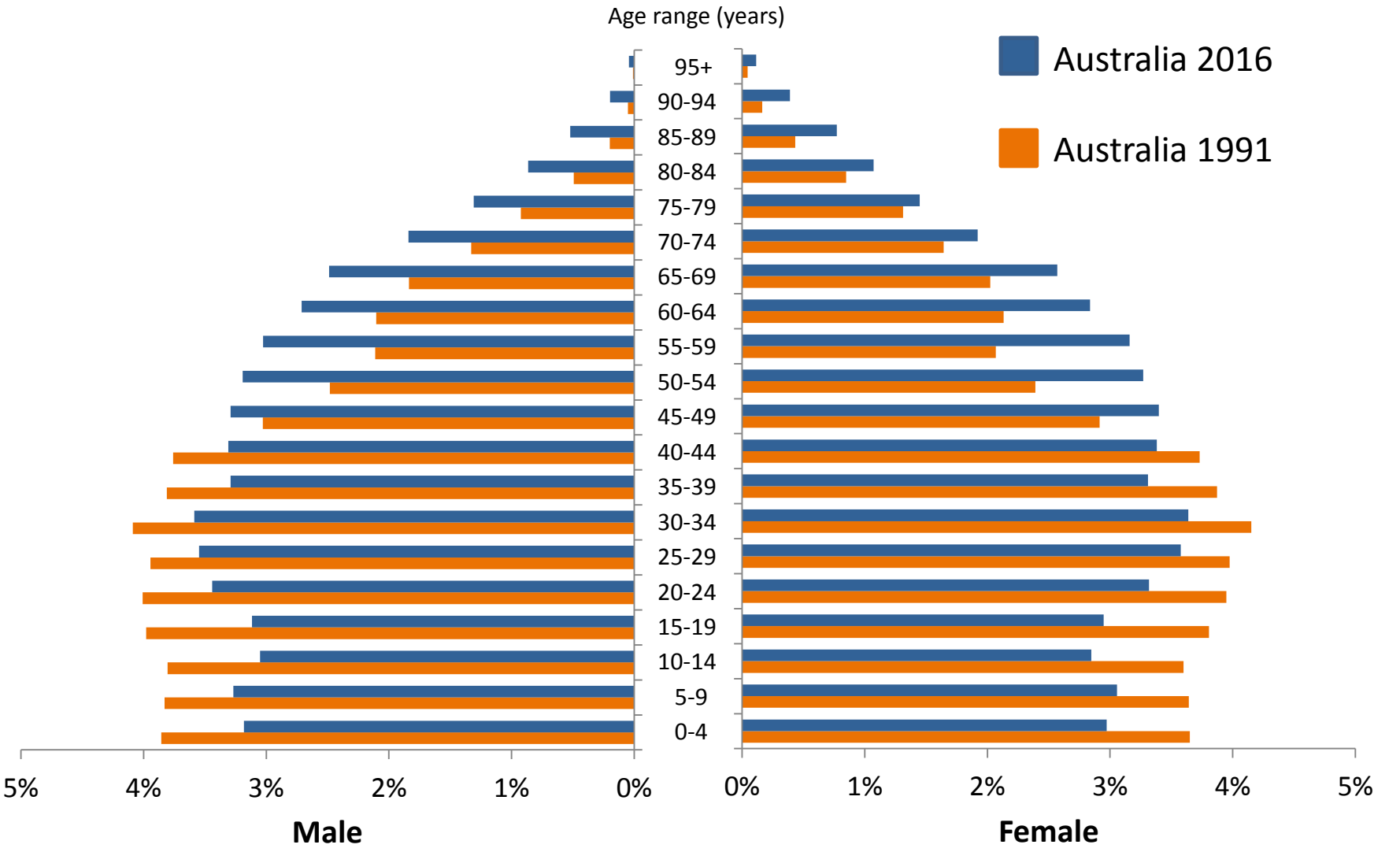
Population Growth



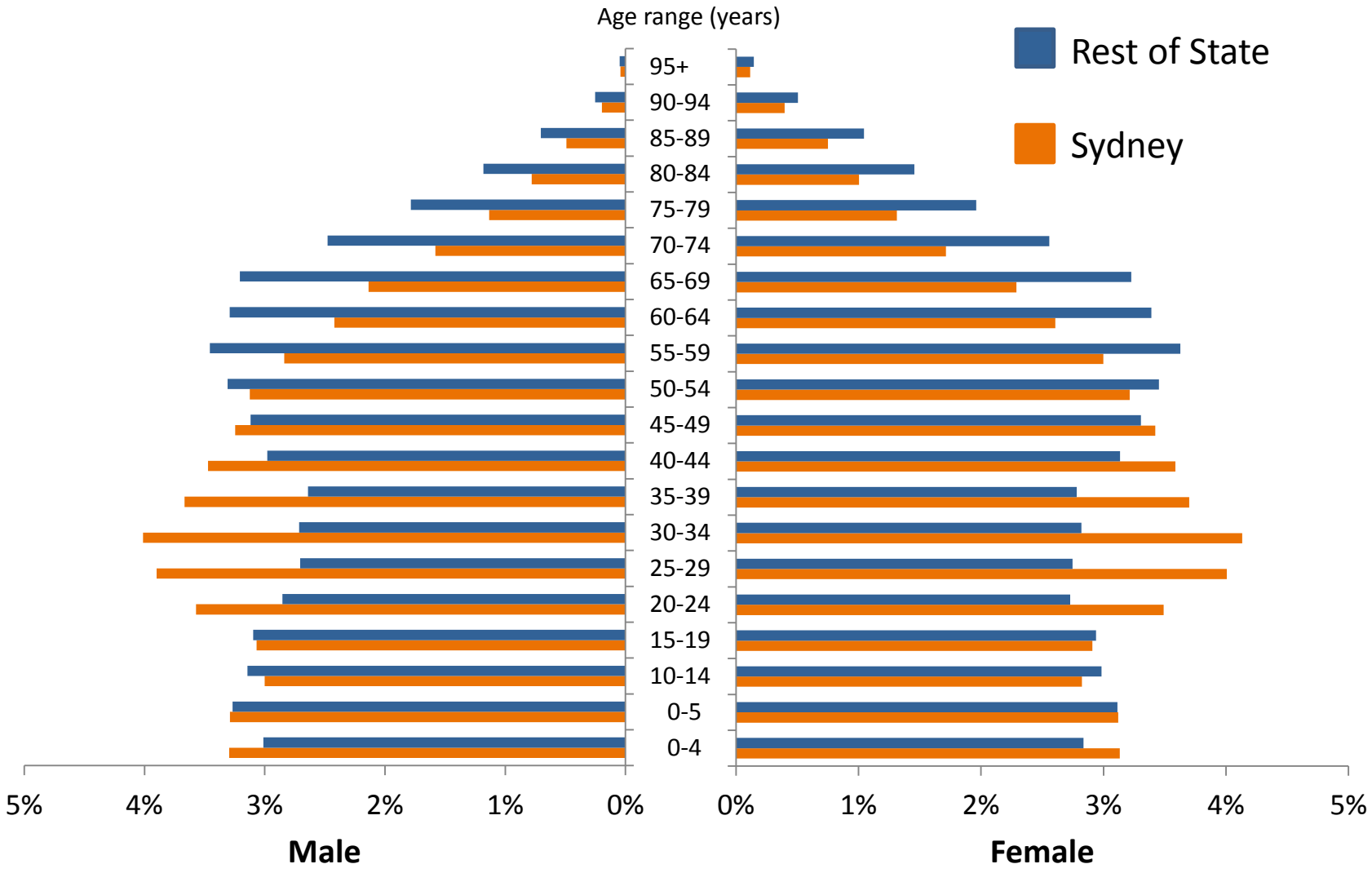
Ageing population



Ageing population



Age profile – Sydney and rest of NSW

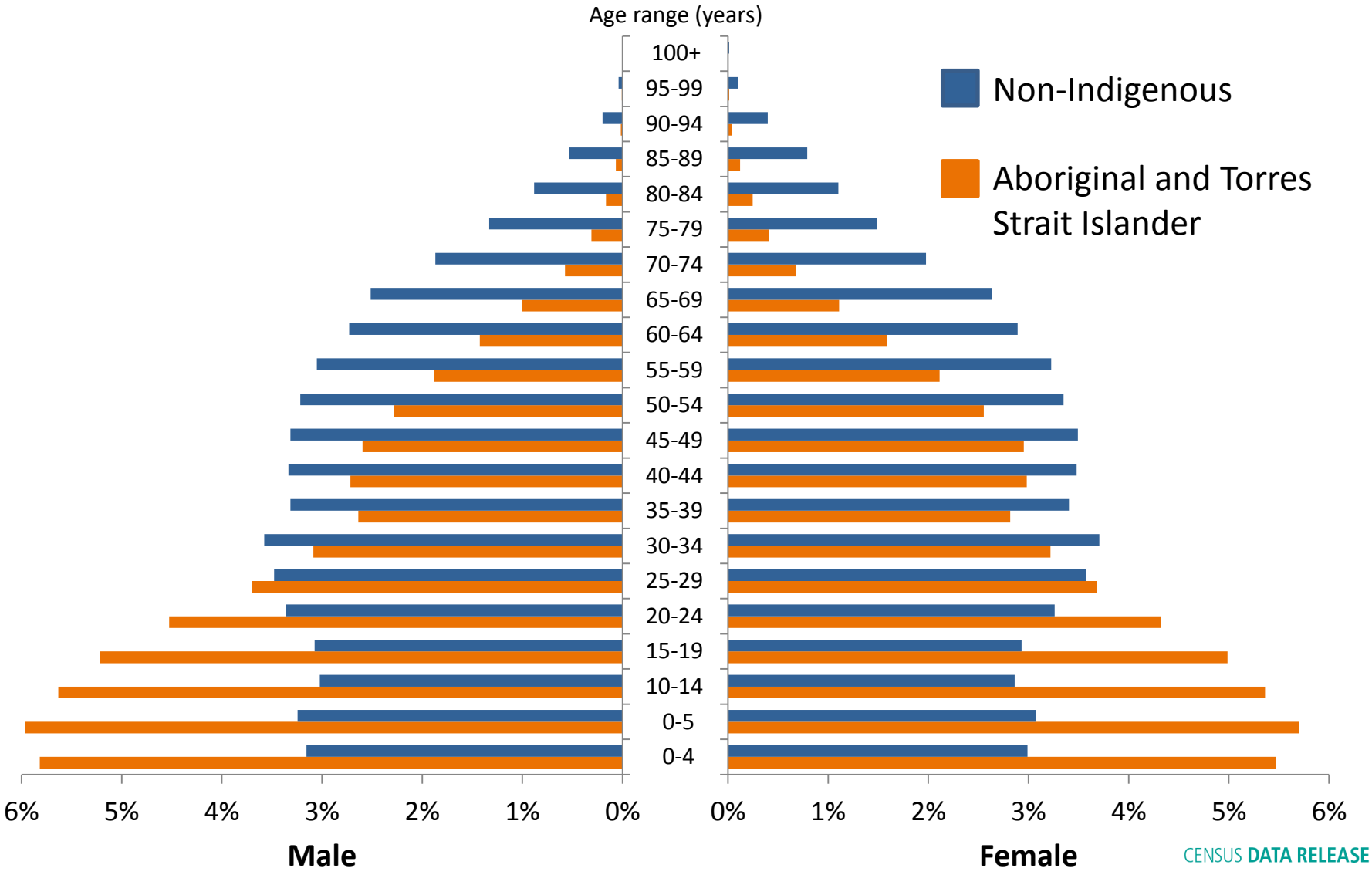


Aboriginal and Torres Strait Islander Peoples

Australian Bureau of Statistics

Age of Aboriginal and Torres Strait Islander peoples

Australian Bureau of Statistics

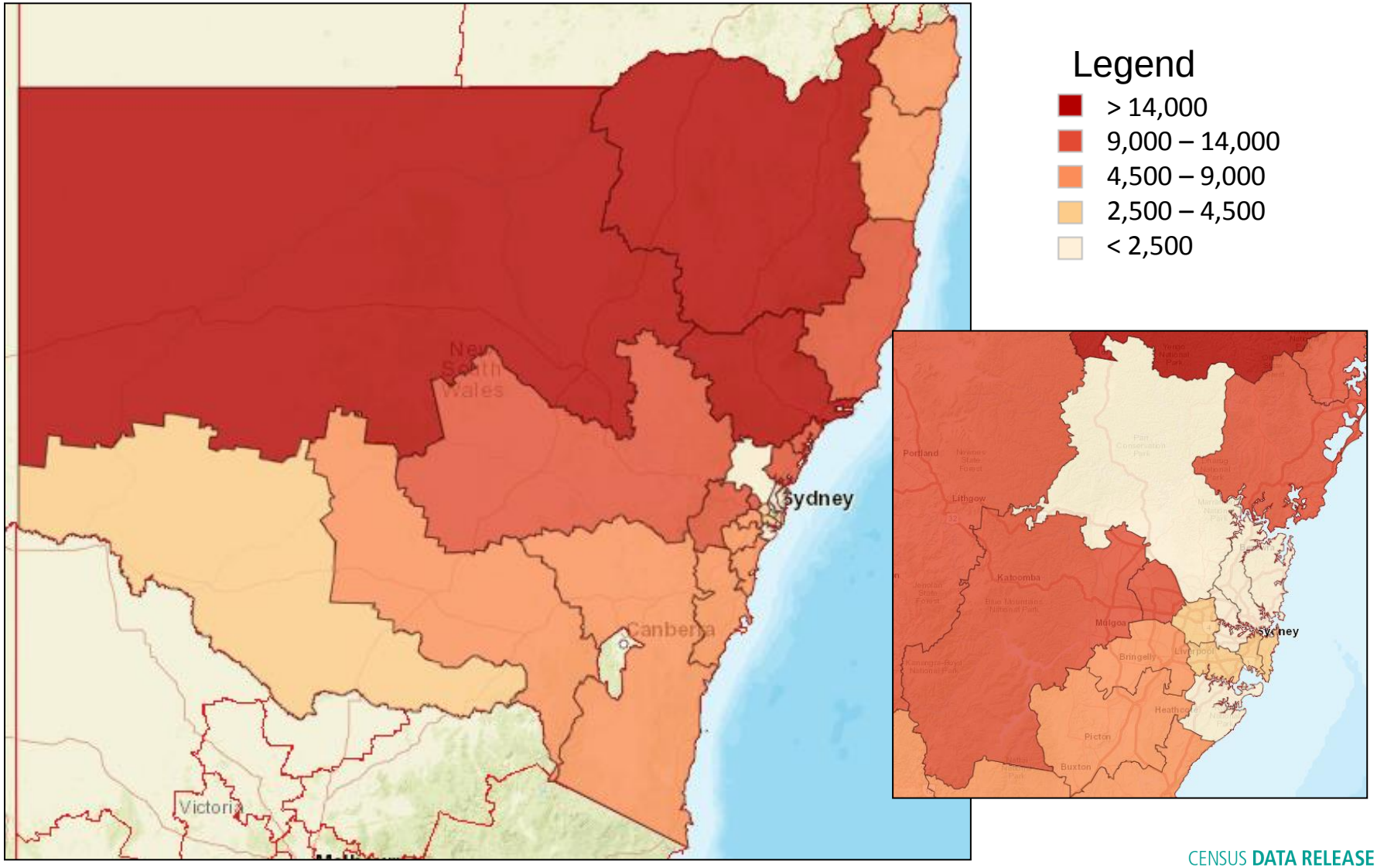


CENSUS DATA RELEASE

Aboriginal and Torres Strait Islander population

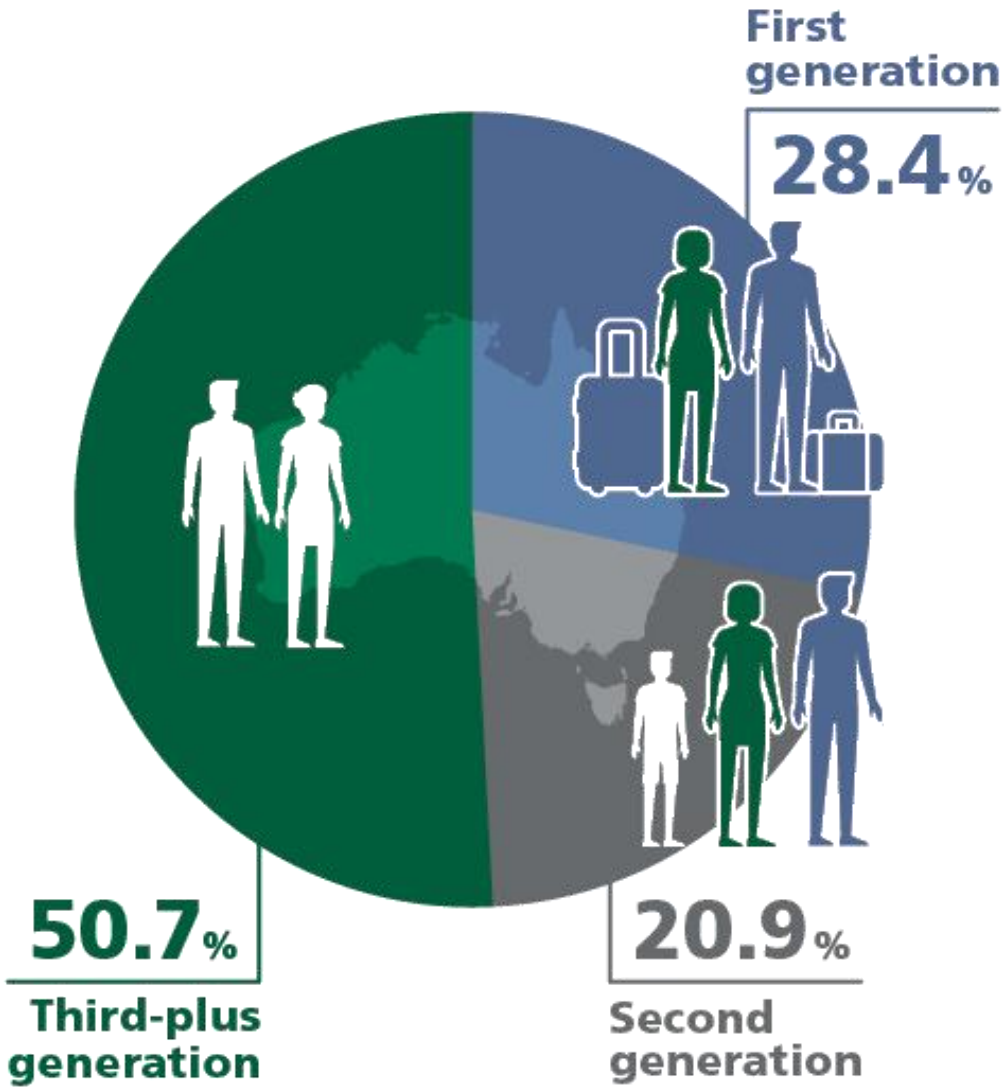
	% Aboriginal and Torres Strait Islander Population	Aboriginal and Torres Strait Islander population as % of total population
NSW	33.3	2.9
VIC	7.4	0.8
QLD	28.7	4.0
SA	5.3	2.0
WA	11.7	3.1
TAS	3.6	4.6
NT	9.0	25.5
ACT	1.0	1.6
Australia	100.0	2.8

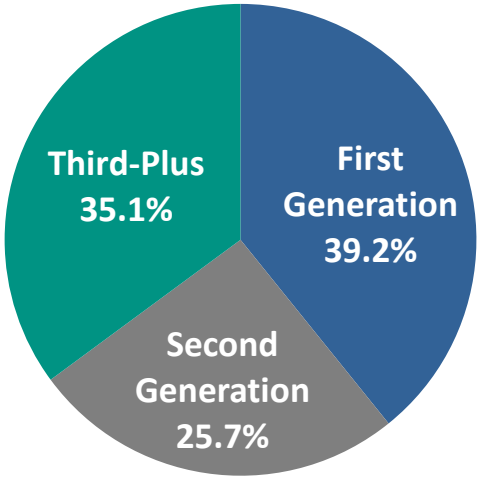
Aboriginal and Torres Strait Islander Population



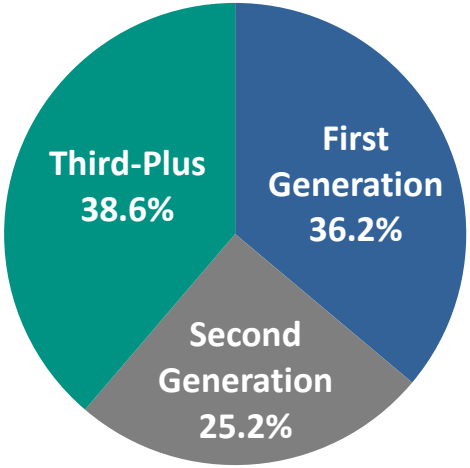
A diverse Australia

Australian Bureau of Statistics





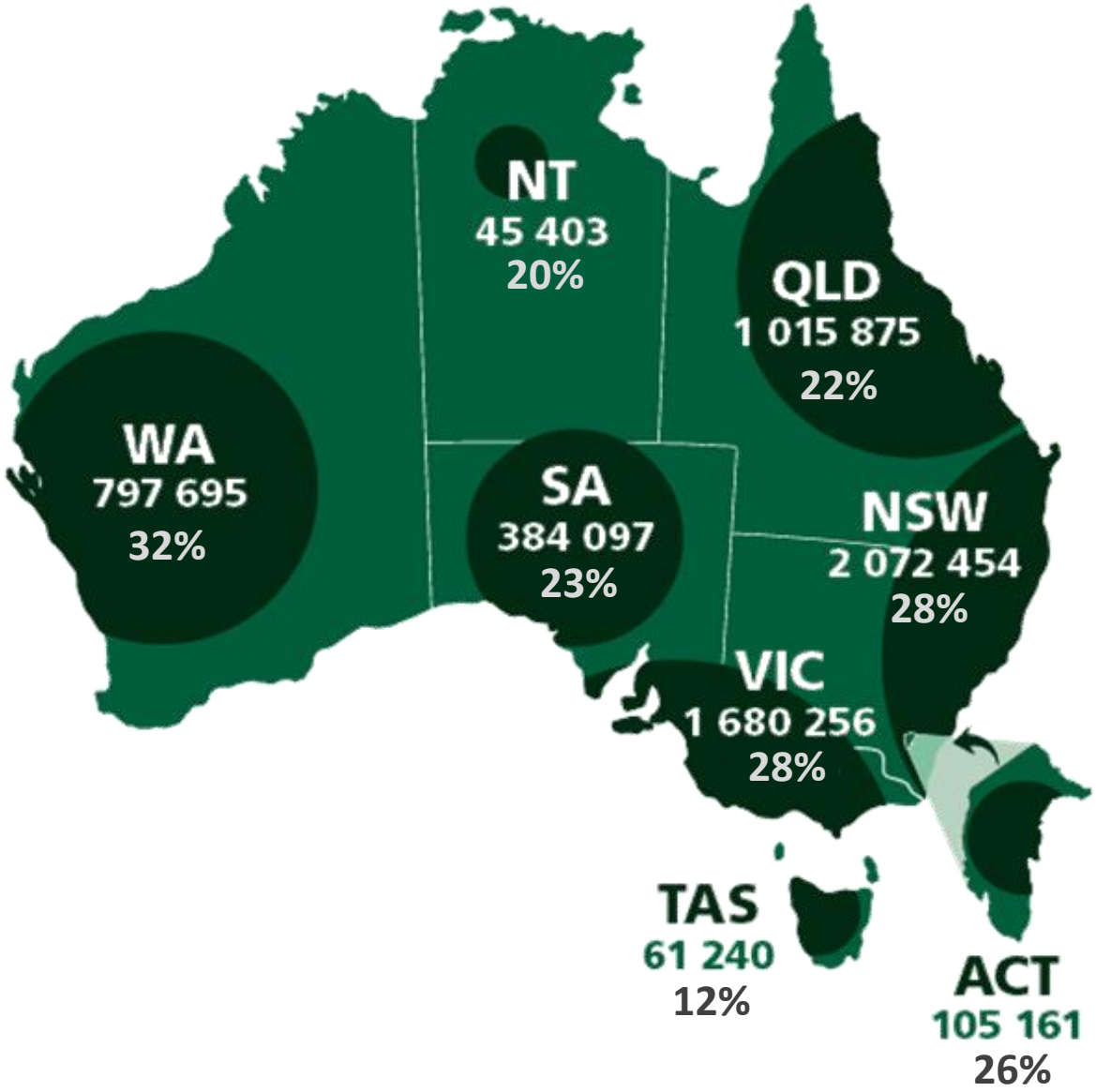
Sydney



Melbourne

CENSUS DATA RELEASE

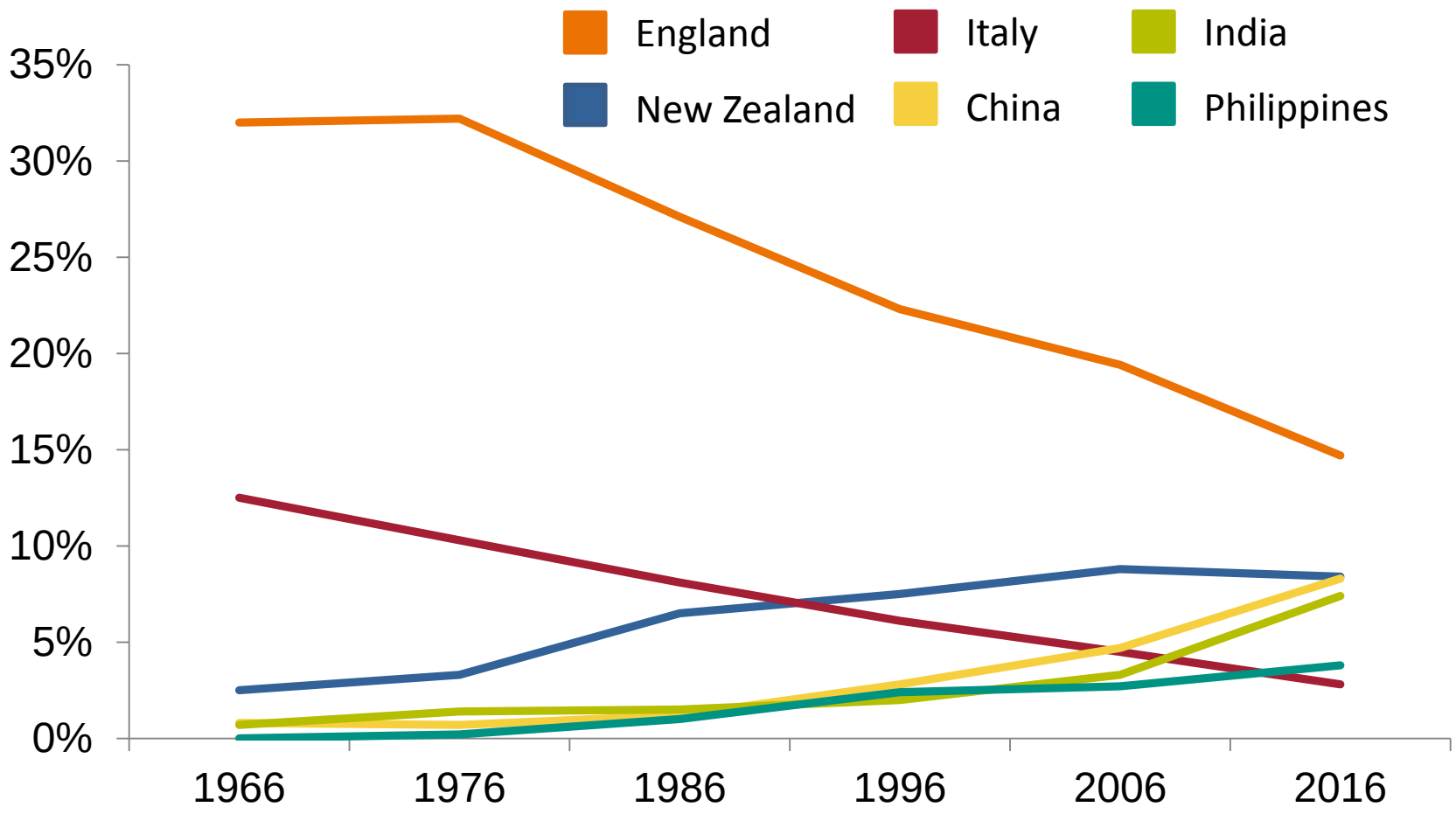
Where do migrants live?



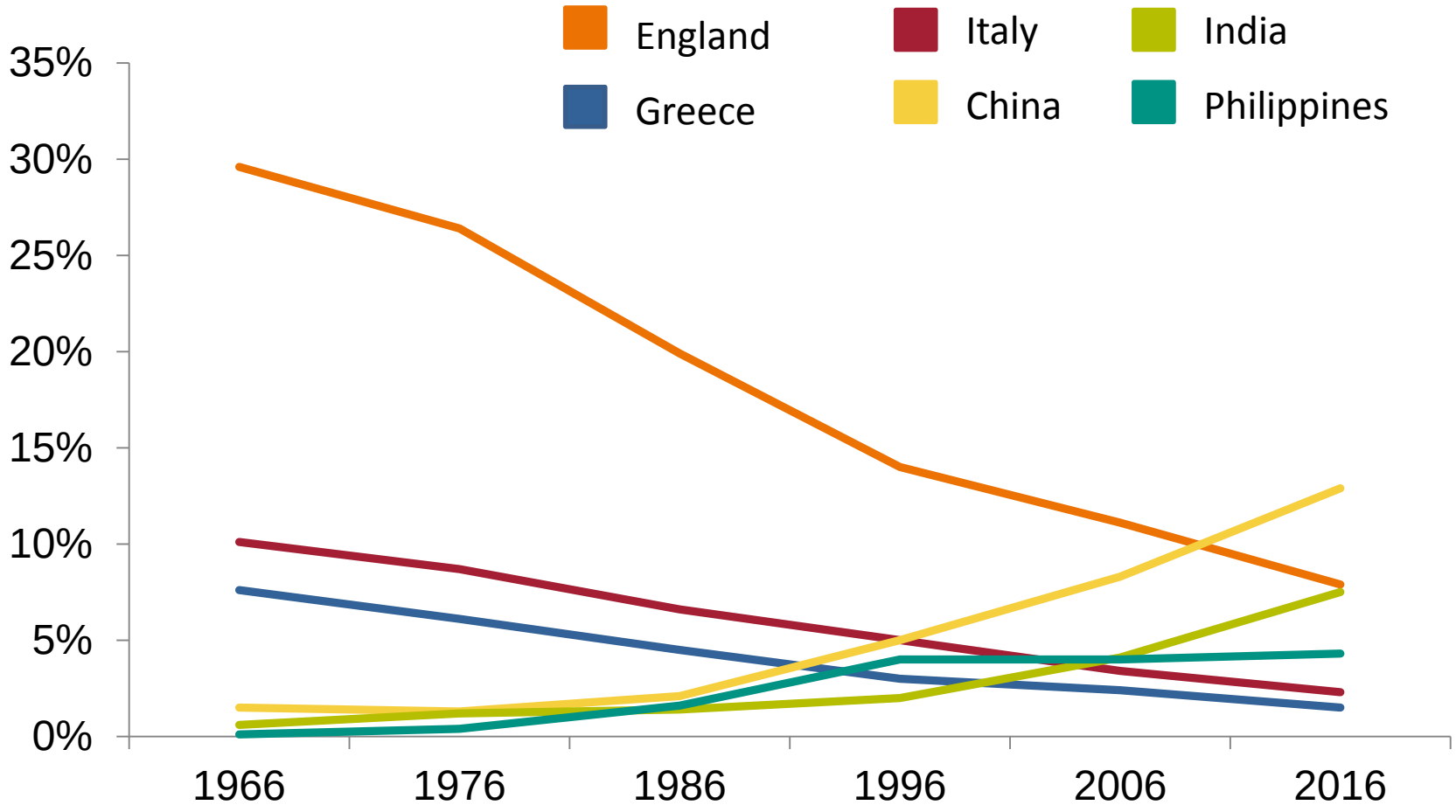
Count of people born overseas living in each state

Proportion of overseas population in each state

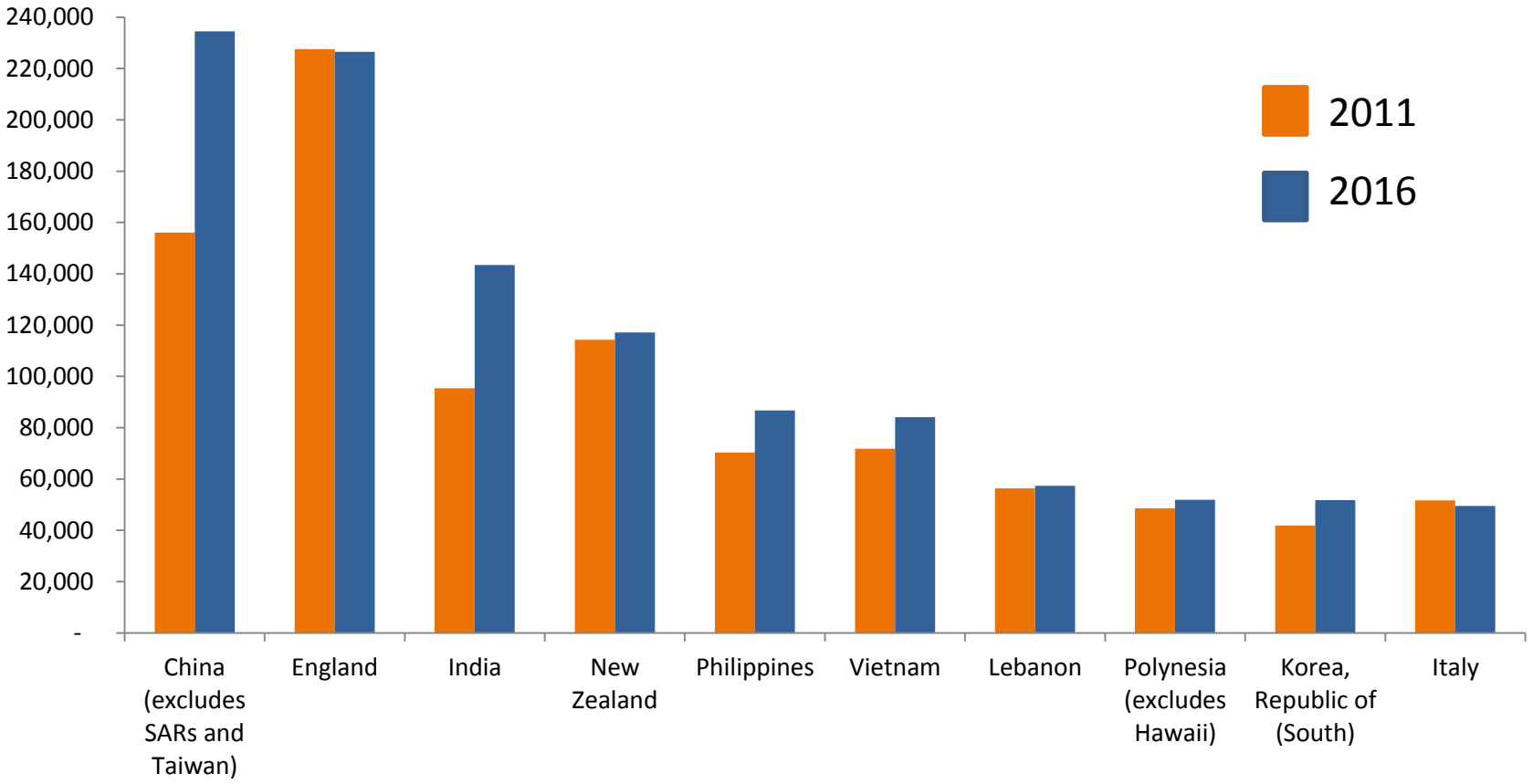
Overseas-born population – Australia 1966-2016



Overseas-born population – Sydney 1966-2016



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



Top 10 countries of birth – Sydney

Australian Bureau of Statistics

Country of birth	Sydney	%
Australia	2,752,169	57.1
China	224,685	4.7
England	151,641	3.1
India	130,573	2.7
New Zealand	86,562	1.8
Vietnam	81,045	1.7
Philippines	75,480	1.6
Lebanon	55,979	1.2
South Korea	49,508	1.0
Hong Kong	40,577	0.8

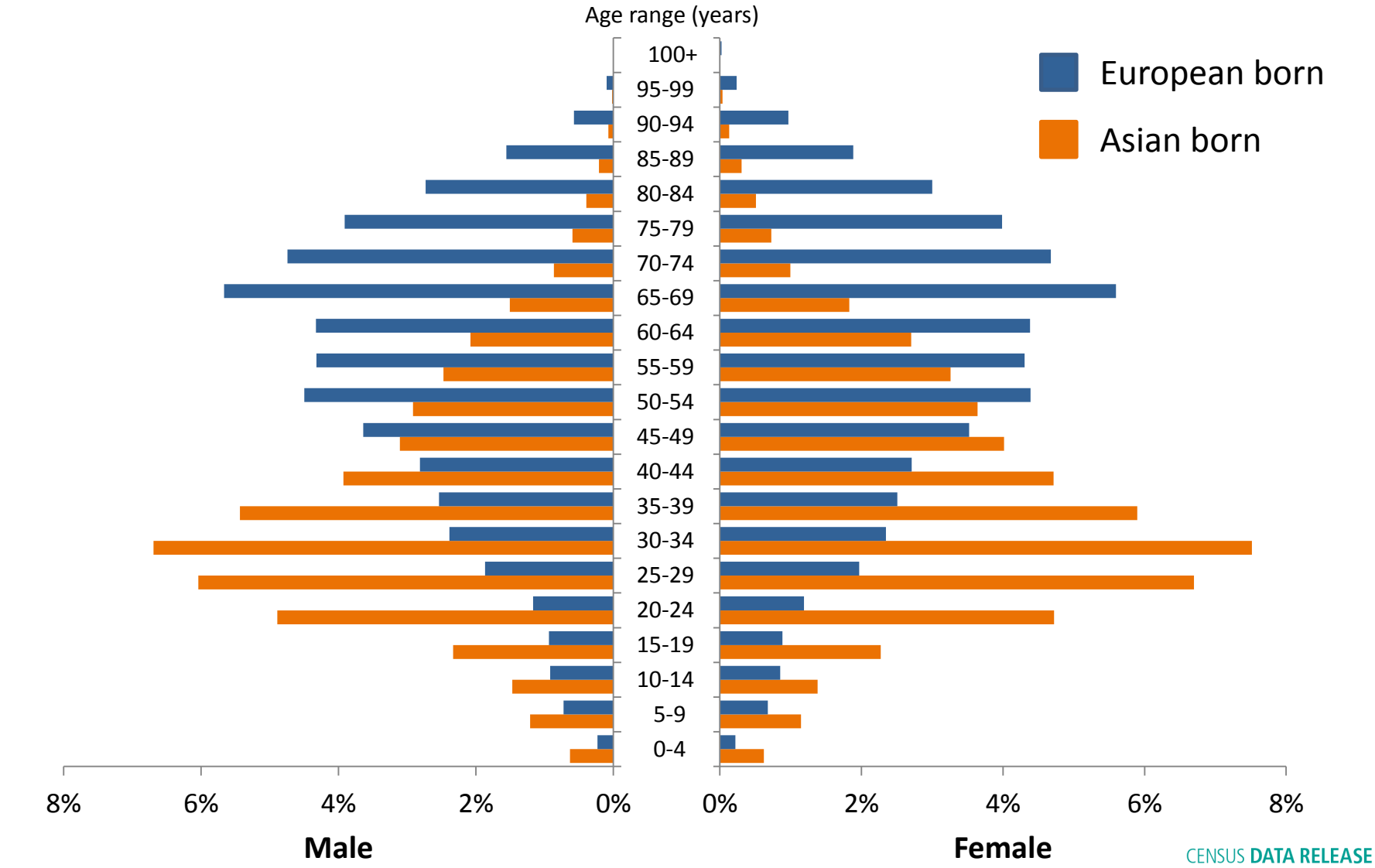
Country of birth	Rest of NSW	%
Australia	2,139,710	80.9
England	74,424	2.8
New Zealand	30,282	1.1
India	12,740	0.5
Philippines	11,184	0.4
Germany	10,958	0.4
Scotland	10,498	0.4
China	9,578	0.4
Italy	8,925	0.3
South Africa	7,666	0.3

Recent arrivals (2007 - 2016)

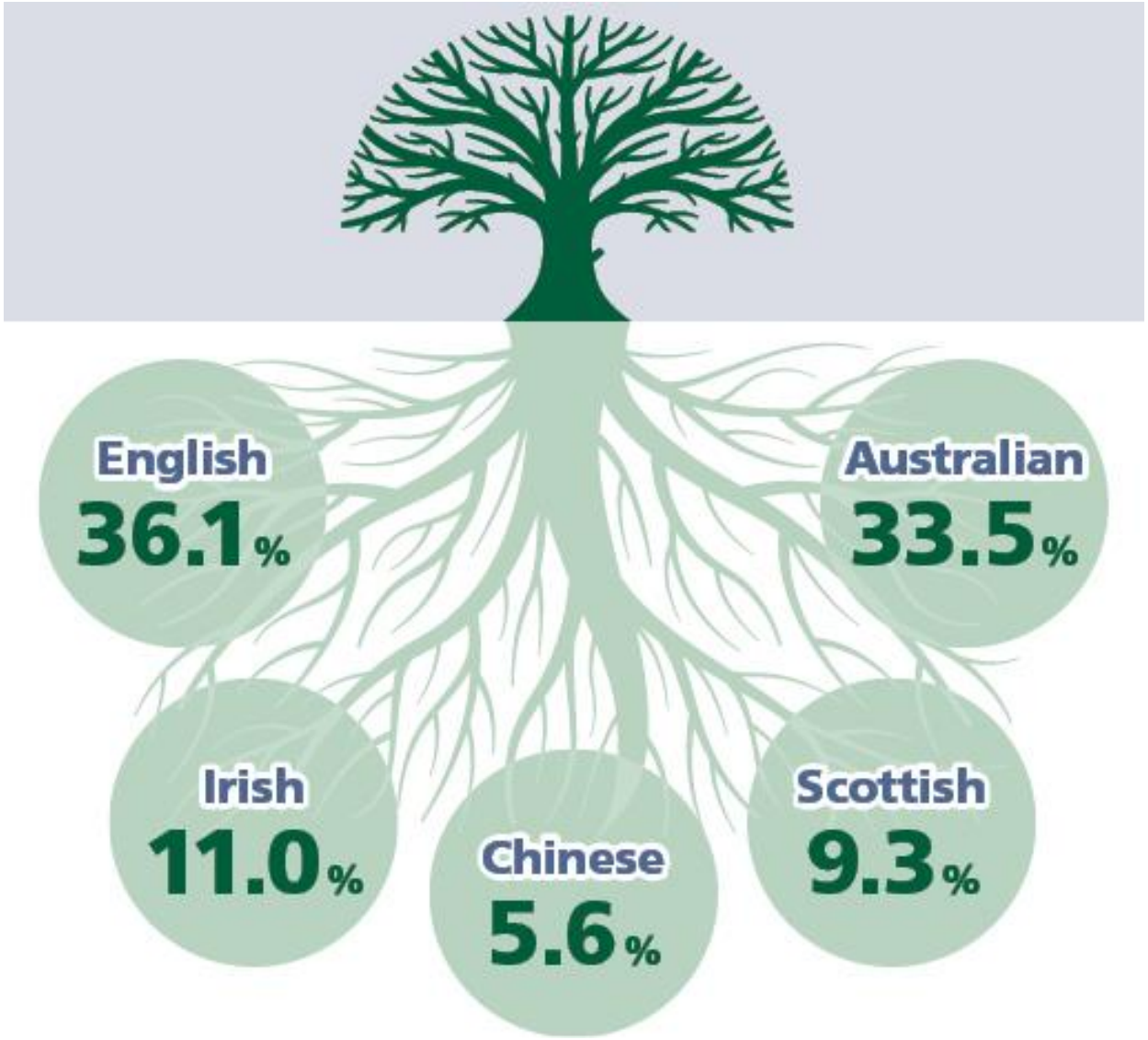
Australian Bureau of Statistics

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%

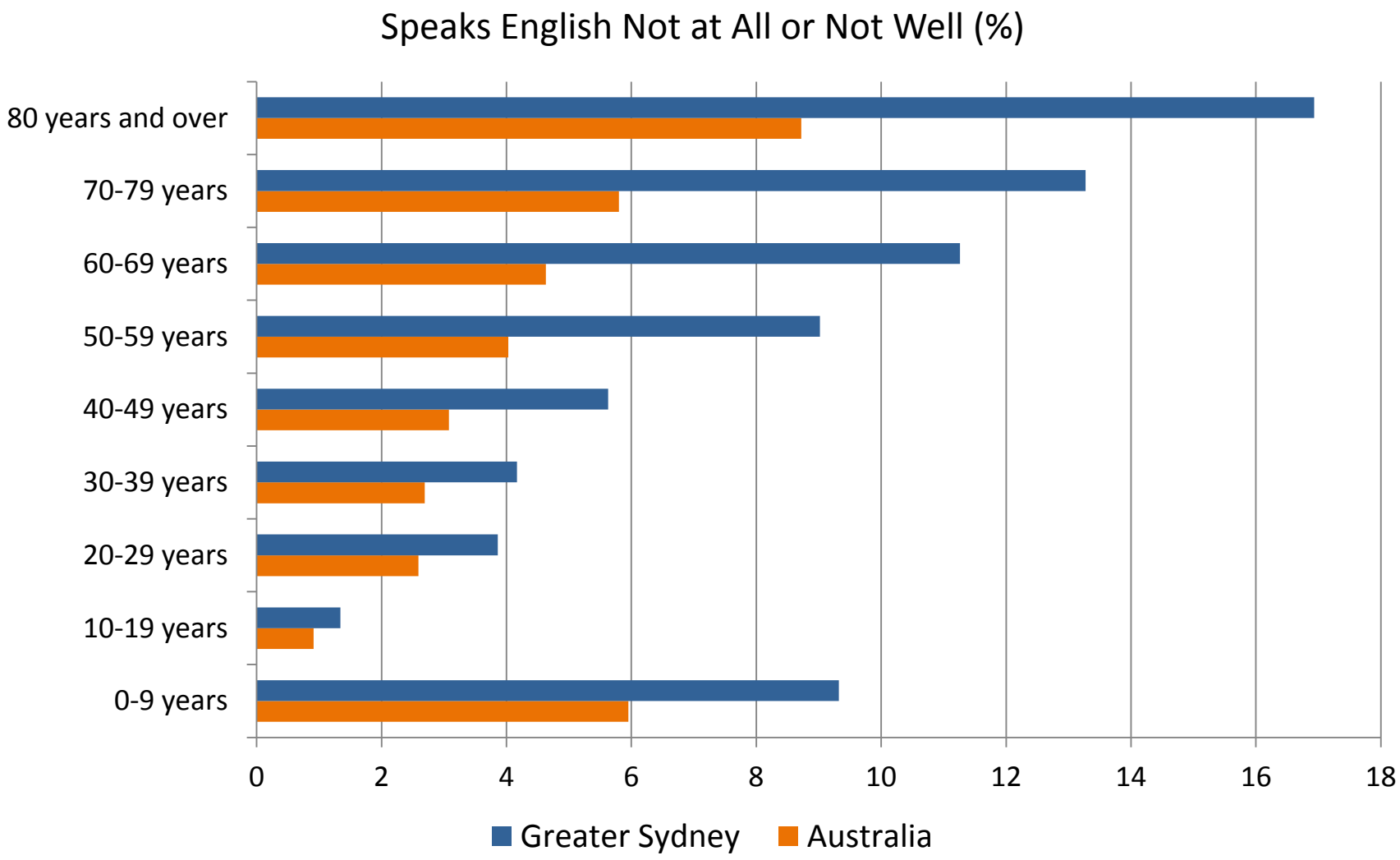
Language spoken at home

Top 10 Languages spoken in Sydney Homes

Australian Bureau of Statistics

Language Spoken at Home	2006 %	2016 %
English only	64.0	56.2
Mandarin	2.3	5.1
Arabic	3.9	4.3
Cantonese	3.0	3.1
Vietnamese	1.8	2.2
Greek	1.9	1.7
Hindi	0.9	1.4
Italian	1.7	1.4
Korean	0.9	1.3
Spanish	1.1	1.2

English proficiency by age – Sydney



Older Australians with limited English – Sydney

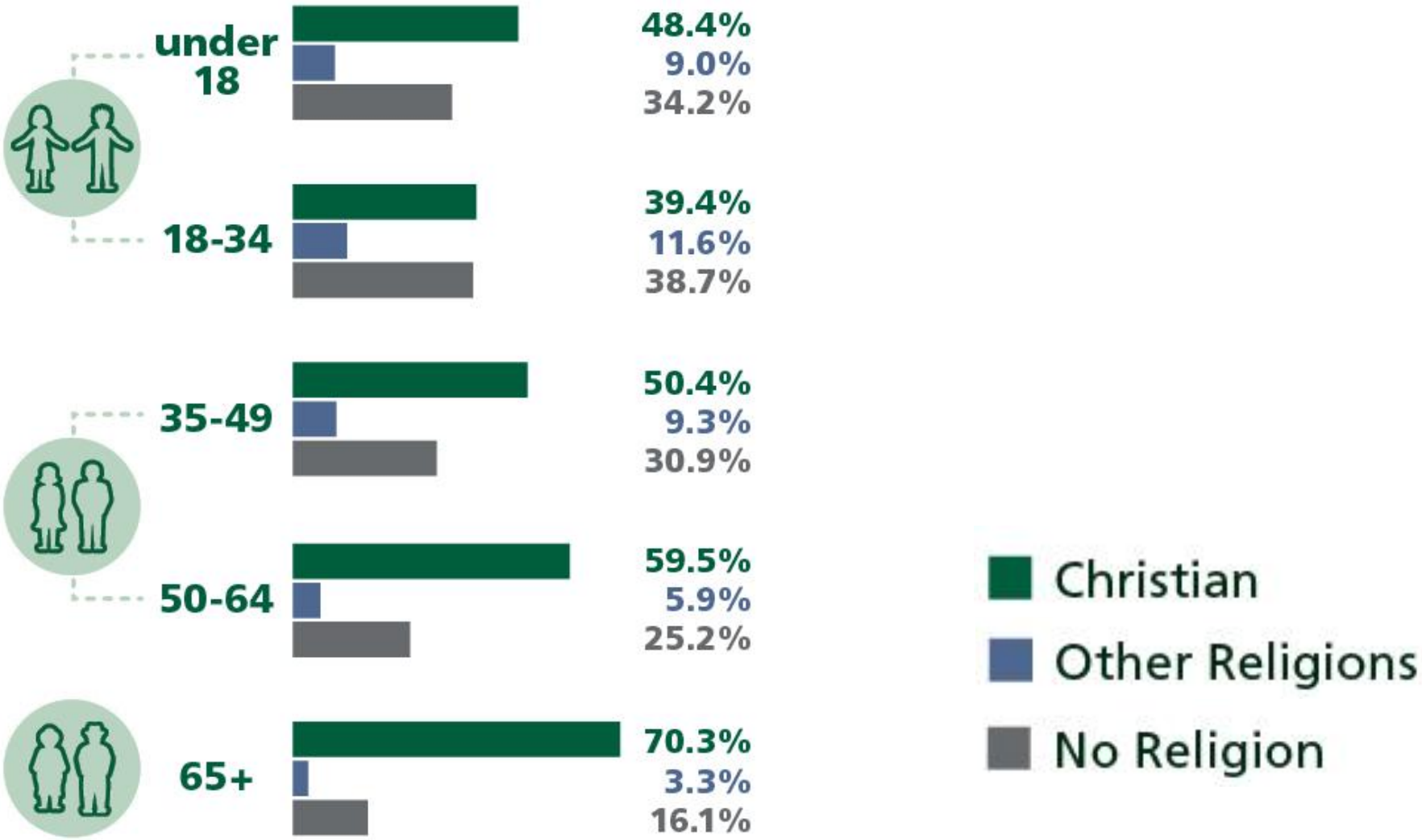
- 62,231 people over the age of 70 with limited English (Sydney)

Top 5 Languages	
Cantonese	14.4%
Greek	13.0%
Mandarin	12.7%
Italian	9.8%
Arabic	8.8%

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



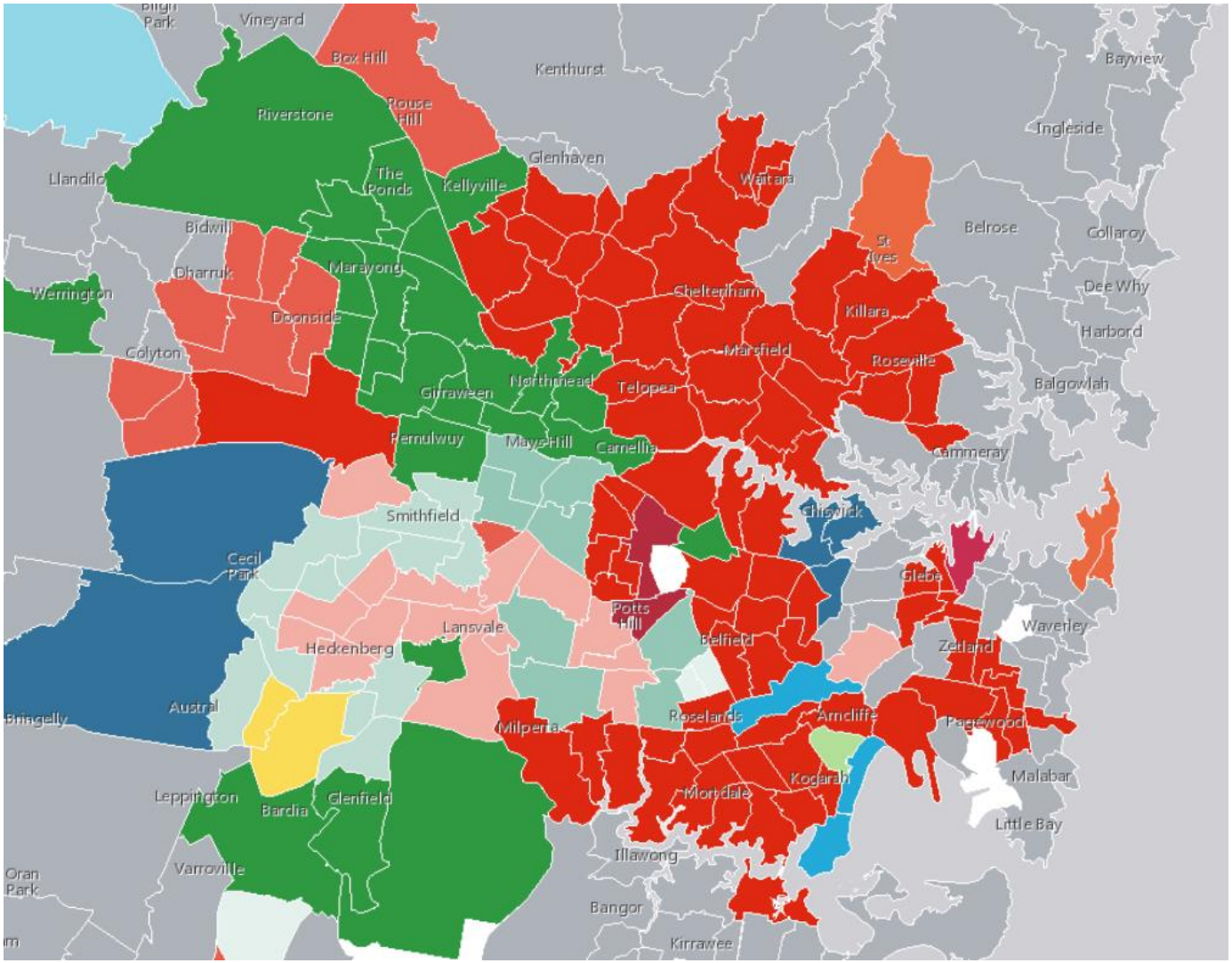
Religion – major affiliations

Australian Bureau of Statistics

Religious Affiliation	Australia (% of population)	Sydney (% of population)
Christian	*52.1*	51.6
Catholic	22.6	25.1
Anglican	13.3	12.0
Uniting Church	3.7	2.0
Presbyterian and Reformed	2.3	2.0
Eastern Orthodox	2.1	3.4
Other Religions	*8.2*	14.5
Islam	2.6	5.3
Buddhism	2.4	3.9
Hinduism	1.9	3.5
Sikhism	0.5	0.6
Judaism	0.4	0.7
No Religion	*30.1*	25.0

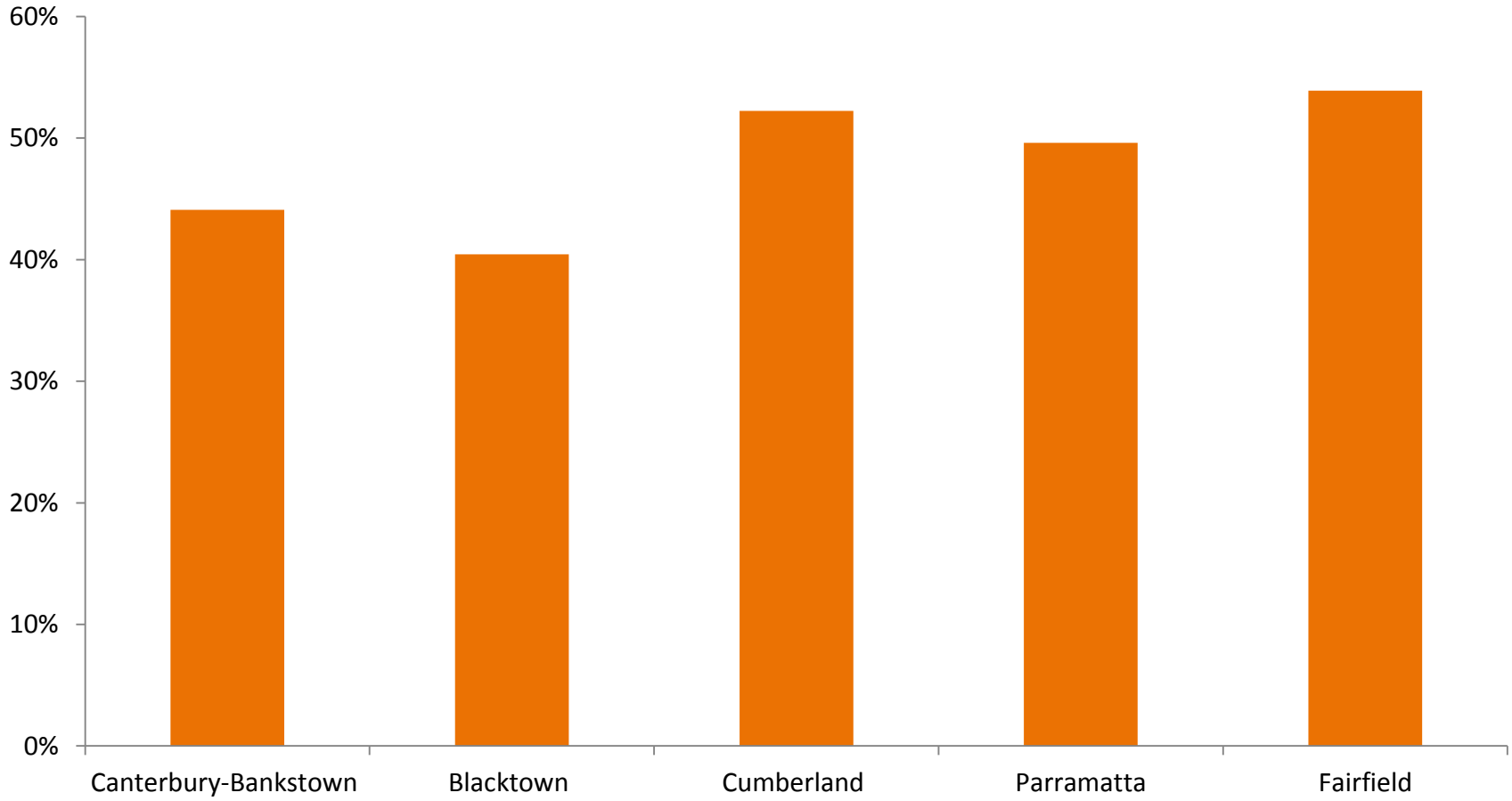
Top countries of birth by suburb – Sydney

Australian Bureau of Statistics



- China (excludes SARs and Taiwan)
- India
- England
- Vietnam
- Italy
- Iraq
- Bangladesh
- Greece
- Sri Lanka
- Philippines
- Lebanon
- South Africa

Top 5 overseas-born populations – NSW



Fairfield in Focus

Australian Bureau of Statistics

Country of Birth	2016 Fairfield population
Vietnam	15.5%
Iraq	9.4%
Cambodia	3.7%
China	2.0%
Italy	1.7%

Language spoken at home	2016 Fairfield population
Vietnamese	20.4%
Arabic	7.9%
Assyrian Neo-Aramaic	6.7%
Cantonese	4.3%
Khmer	3.6%

Religious affiliation	2016 Fairfield population
Catholic	30.9%
Buddhism	20.7%
No religion	12.6%
Not Stated	7.3%
Islam	5.9%

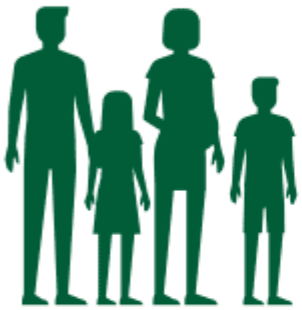
Families and households

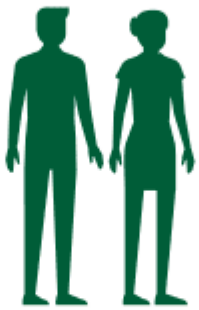
Australian Bureau of Statistics

44.7% were couples with children

37.8% were couples without children

15.8% were single parent families





Female single parents **81.8%**

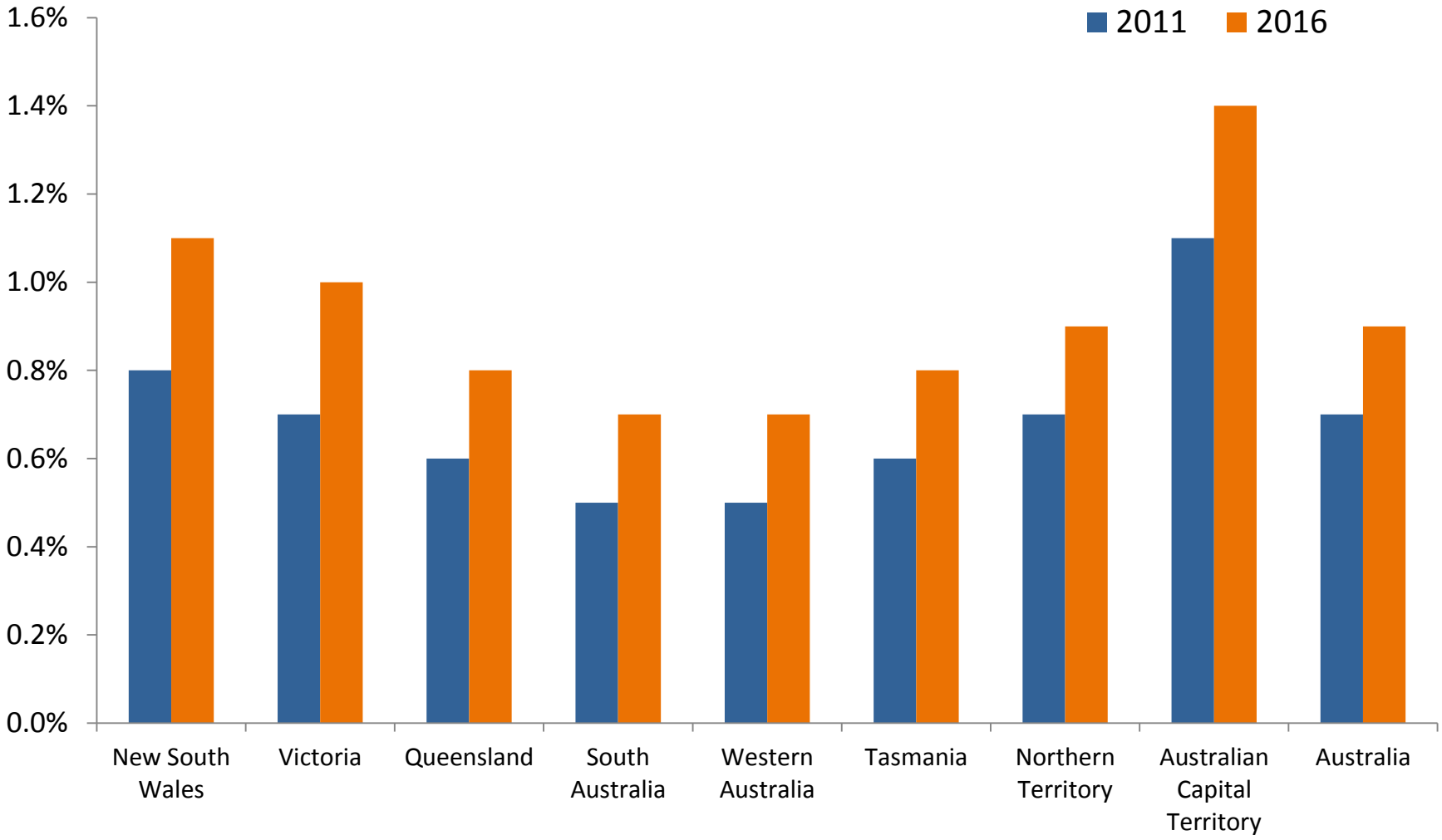
Male single parents **18.2%**

AVERAGE PEOPLE PER HOUSEHOLD

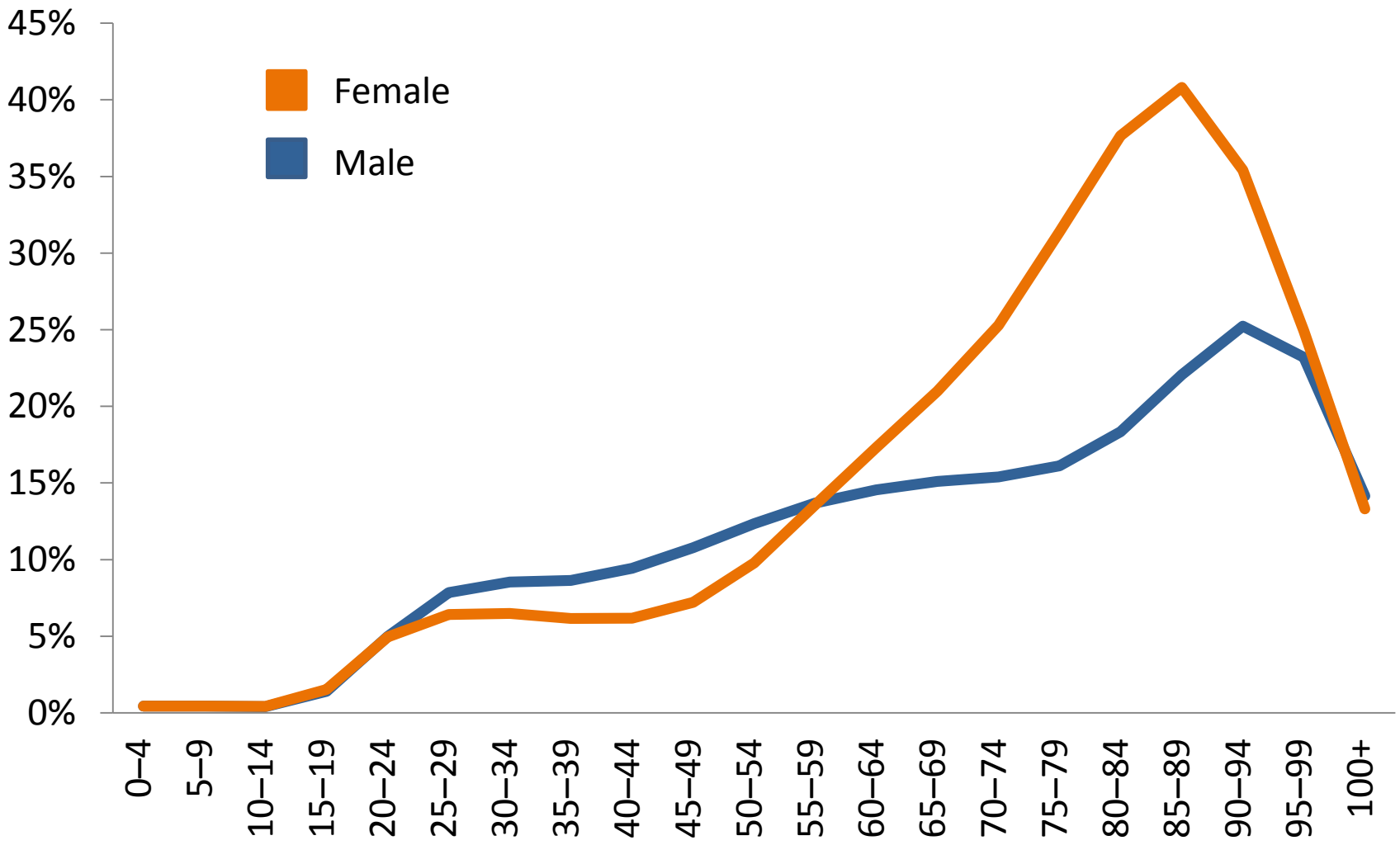
CENSUS DATA RELEASE

Same sex couples living together

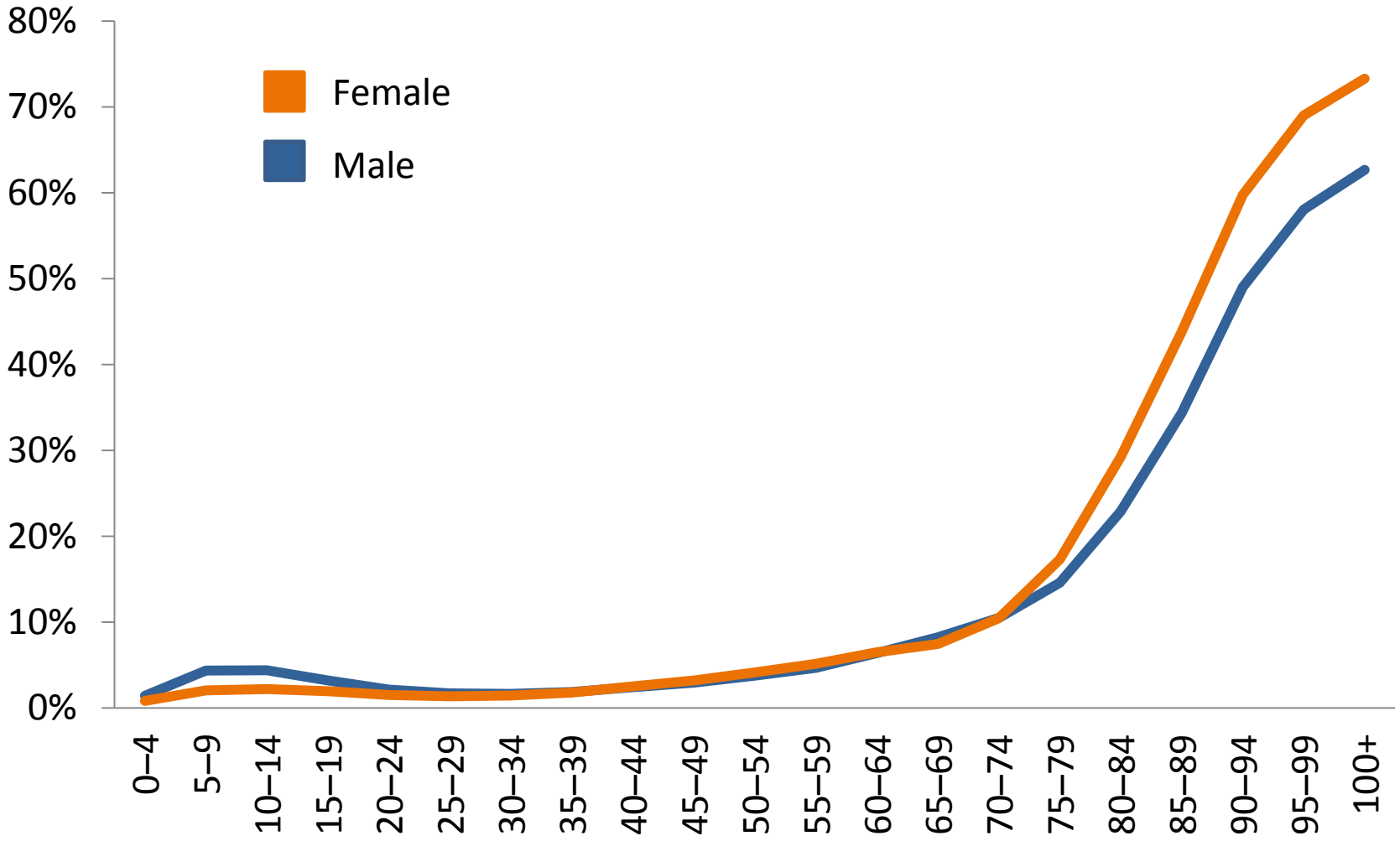
Same sex couples as a proportion of all couples



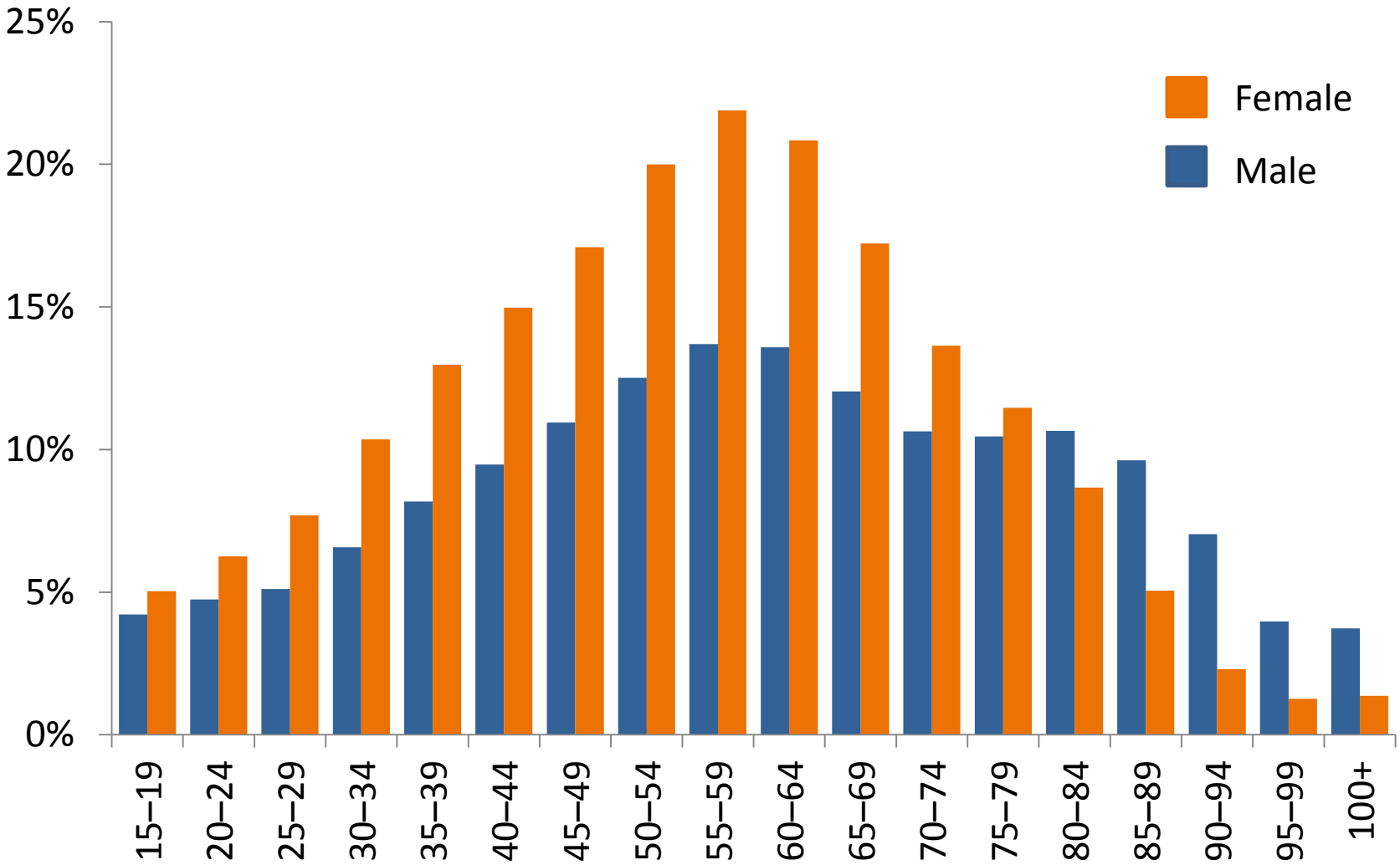
Lone person households



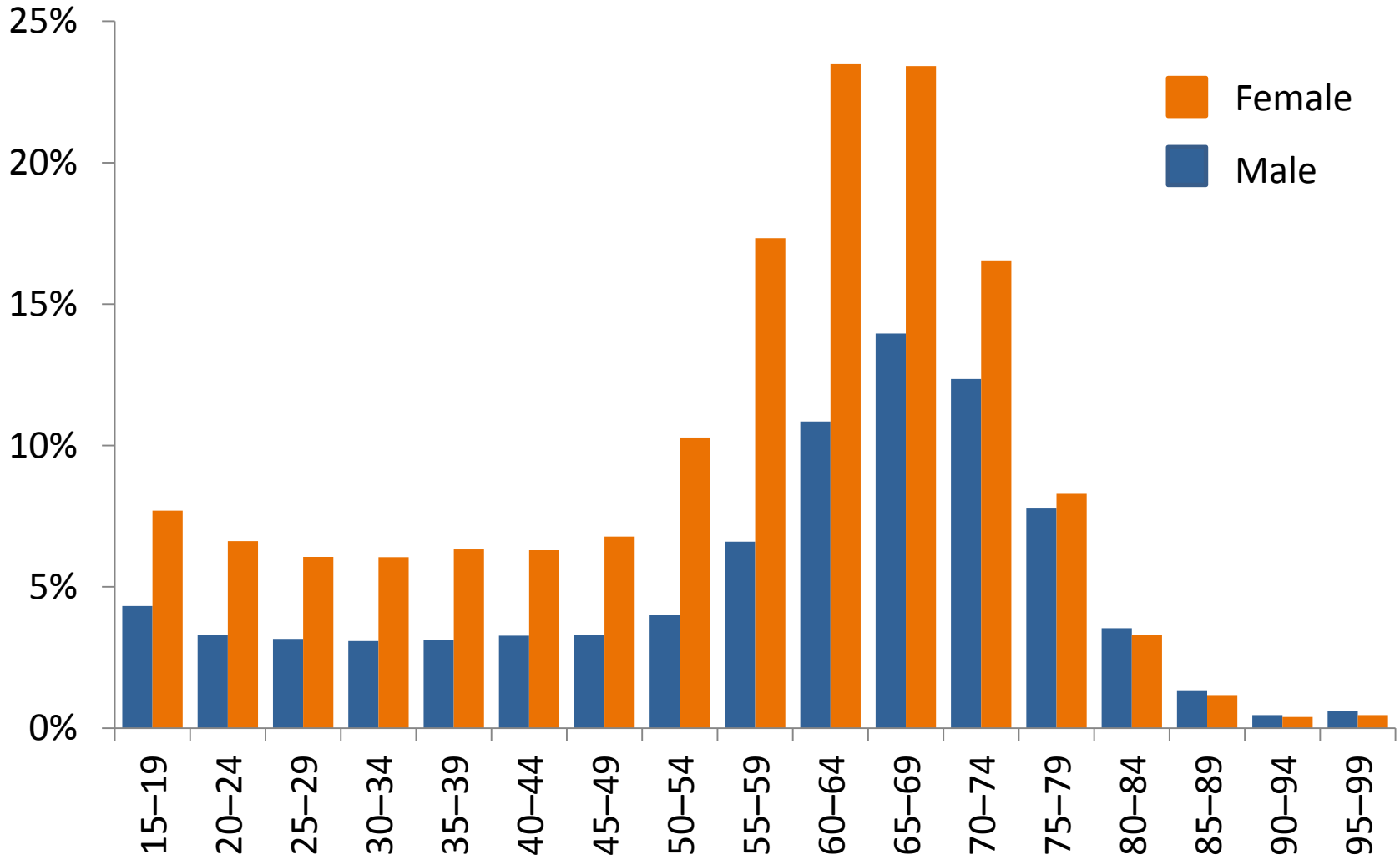
Need for assistance



Provided unpaid care

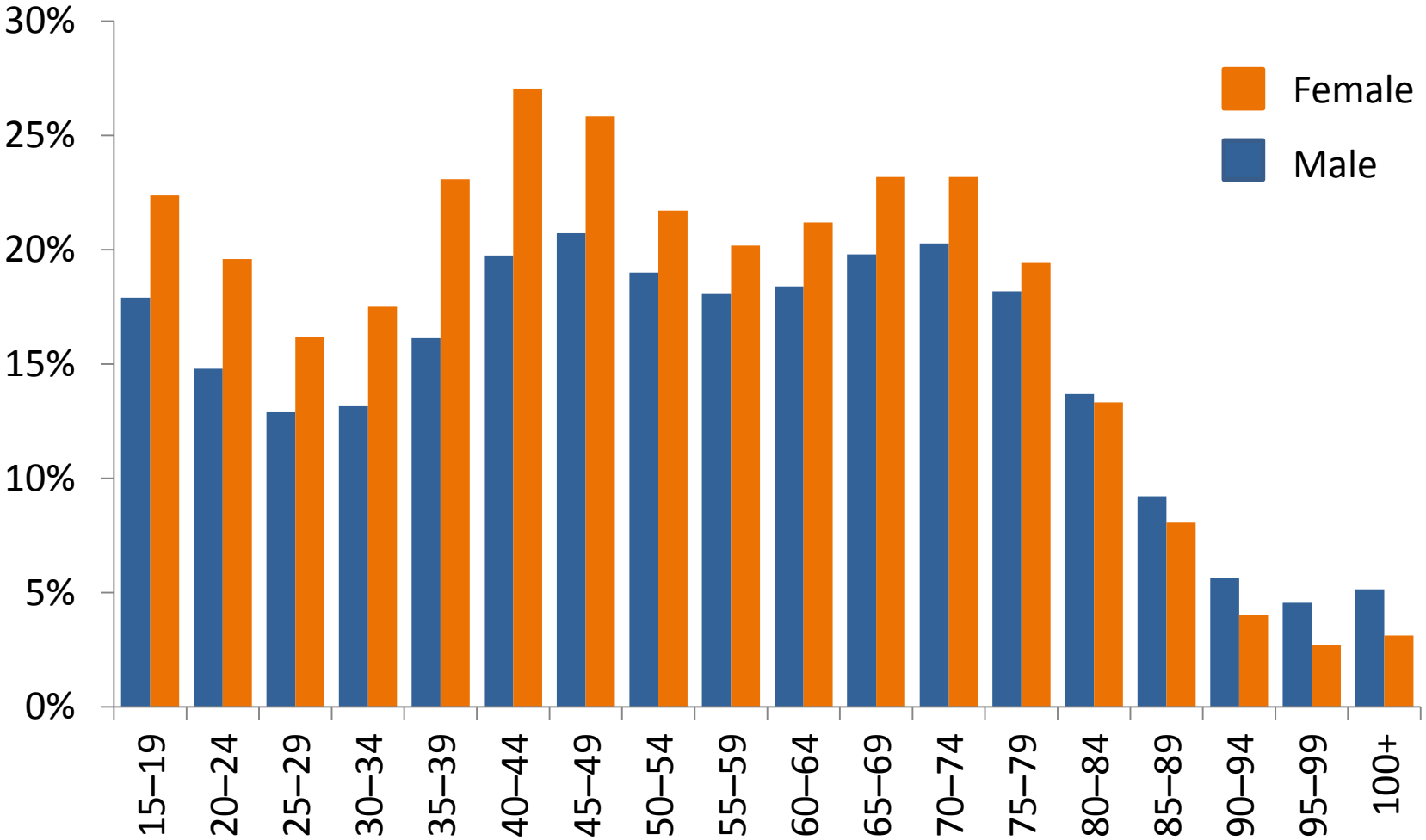


Providing unpaid care for children other than own

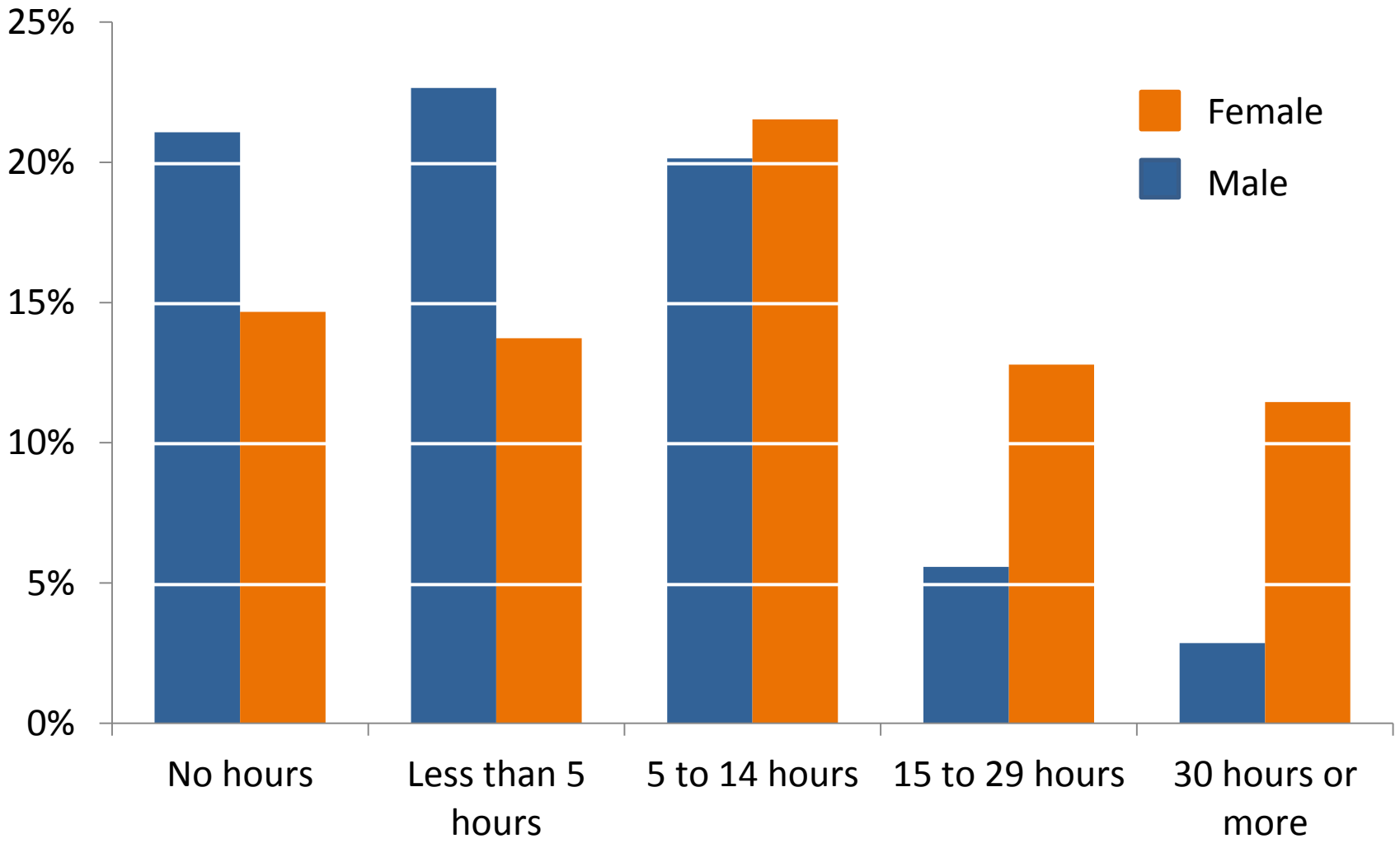


Volunteered in previous 12 months

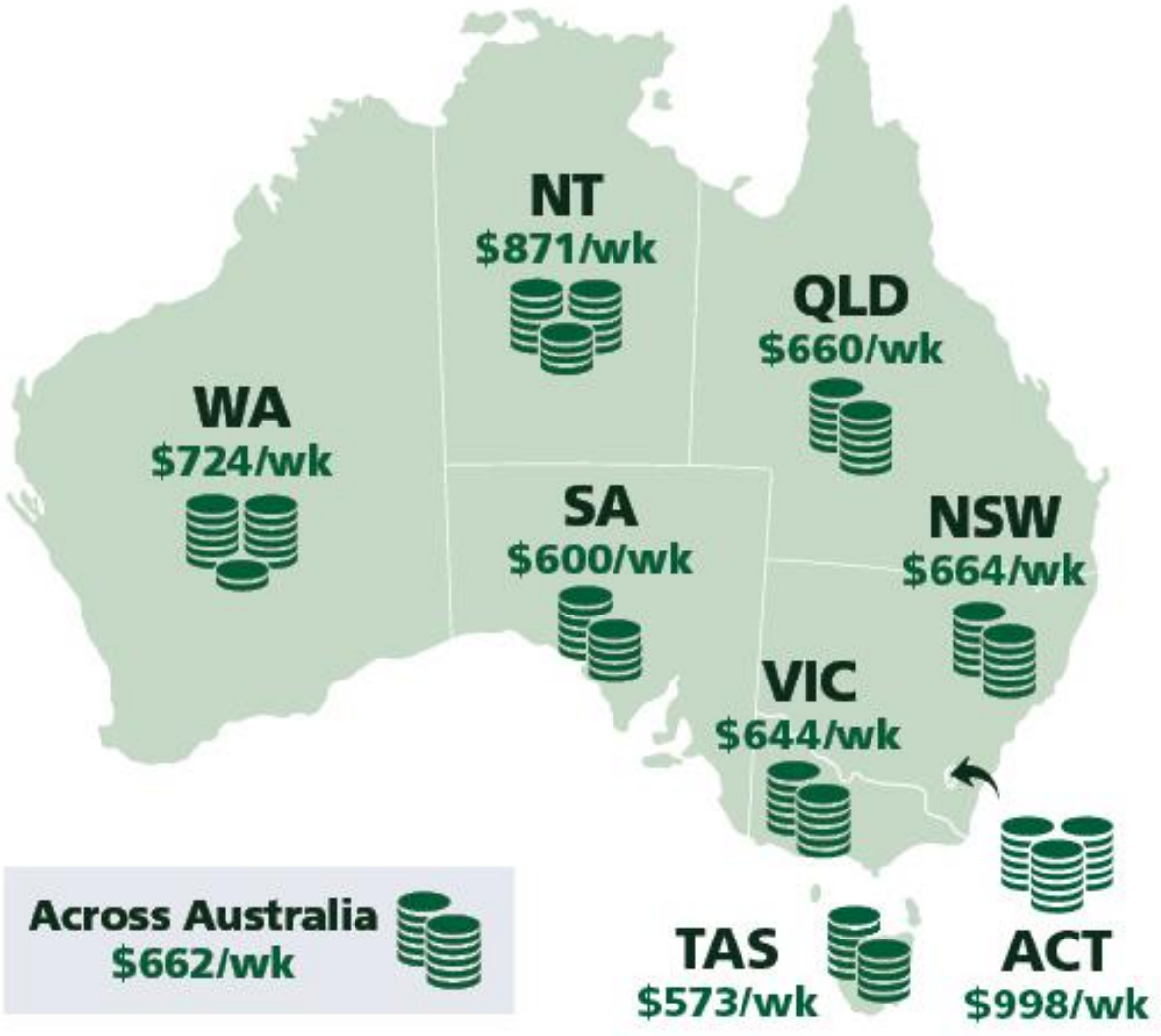
Australian Bureau of Statistics



Unpaid domestic work



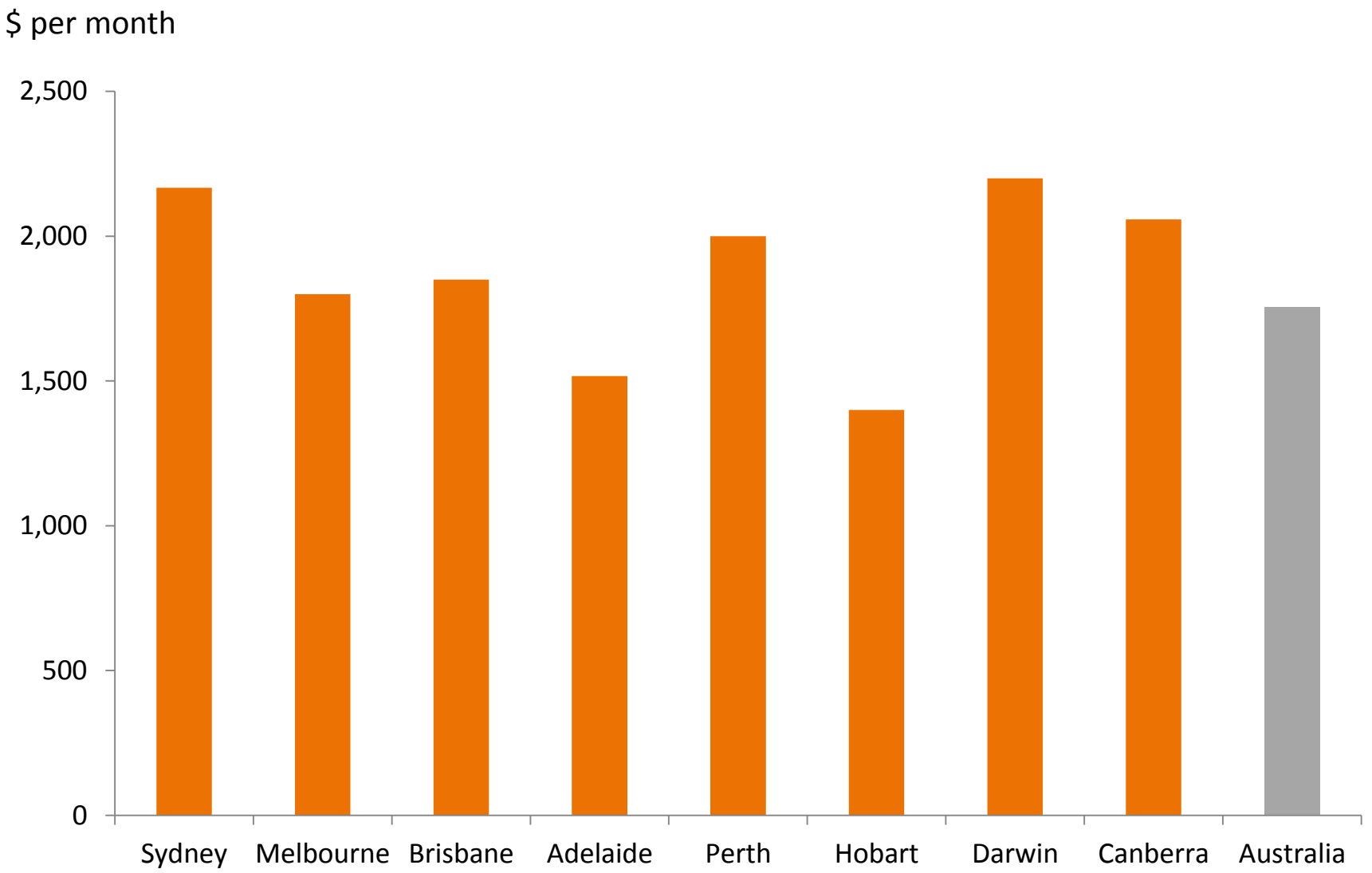
Median personal income



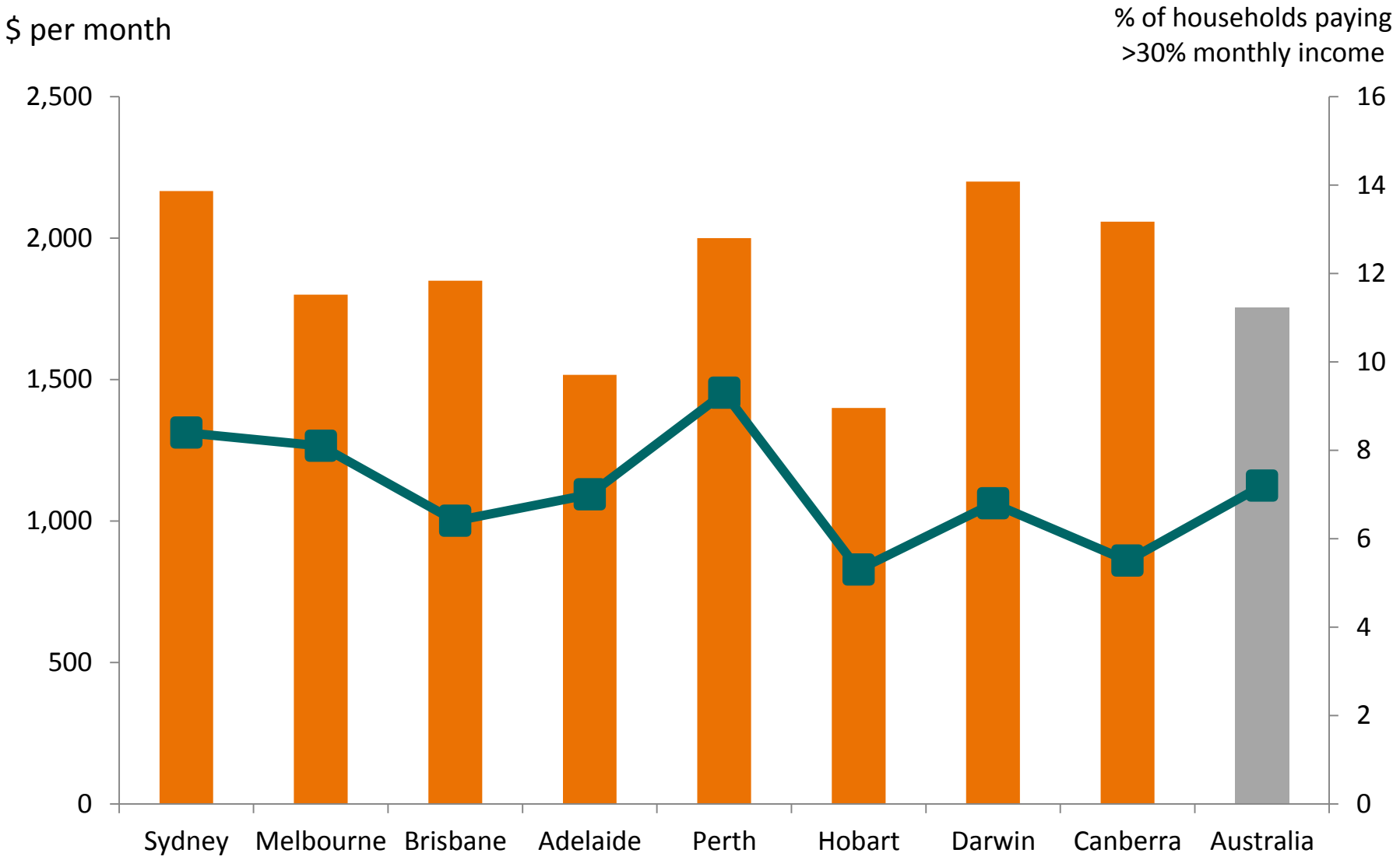
Tenure Type

	Sydney (%)		Australia (%)	
Tenure Type	**1991**	**2016**	**1991**	**2016**
Owned Outright	40.0	29.1	41.1	31.0
Owned with a Mortgage	27.3	33.2	27.5	34.5
Rented	28.6	34.1	26.9	30.9

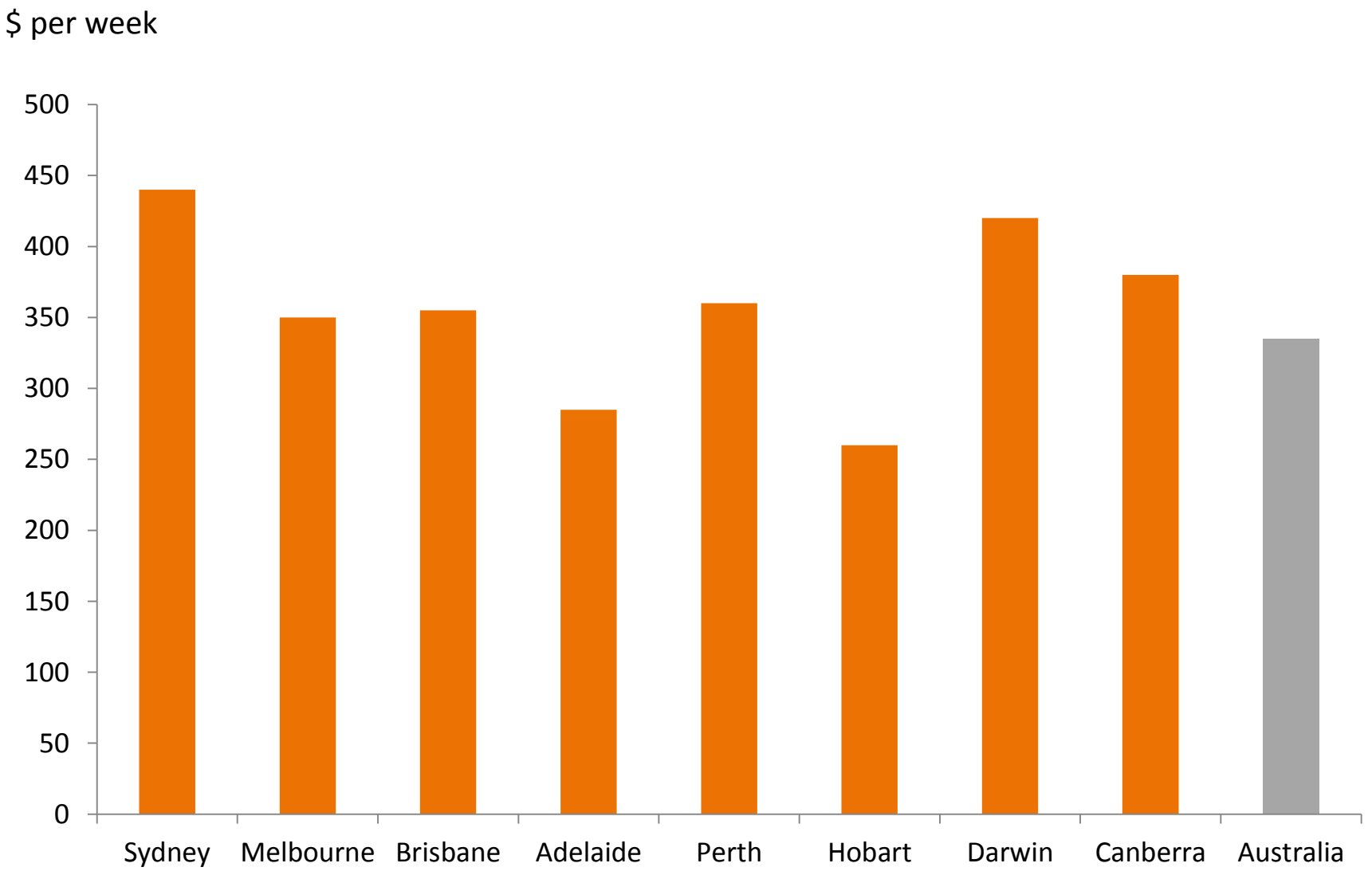
Housing costs – mortgage repayment



Mortgage repayments and household income



Housing costs – rent



Rent and household income

Housing affordability – Rent New South Wales

Australian Bureau of Statistics

New South Wales State Suburb	% of Households with rent payments greater than 30% of household income	Median weekly Rent $
Haymarket	47.8	750
Darlington (Sydney - NSW)	47.0	500
Chippendale	46.5	572
Ultimo	45.1	554
Sydney	35.4	690
The Entrance	33.9	320
Camperdown (NSW)	33.8	500
Lakemba	33.7	350
Fairfield (NSW)	33.6	350
Kingsford (NSW)	33.1	525
Whole of New South Wales	**12.9**	**380**

Housing affordability – Mortgage New South Wales

Australian Bureau of Statistics

New South Wales State Suburb	% of Households with mortgage repayments greater than 30% of household income	Median monthly Mortgage $
Middleton Grange	22.1	2,400
Gregory Hills	18.7	2,600
Hoxton Park	18.6	2,113
Prestons	18.5	2,167
The Ponds	18.1	2,900
Jordan Springs	17.8	2,600
Ropes Crossing	17.1	2,383
West Hoxton	17.1	2,244
Oran Park	16.9	2,600
Pemulwuy	16.5	2,600
Whole of New South Wales	**7.4**	**1,986**

Accessing Census Data

Accessing Census data

Australian Bureau of Statistics

QuickStats

Community Profiles

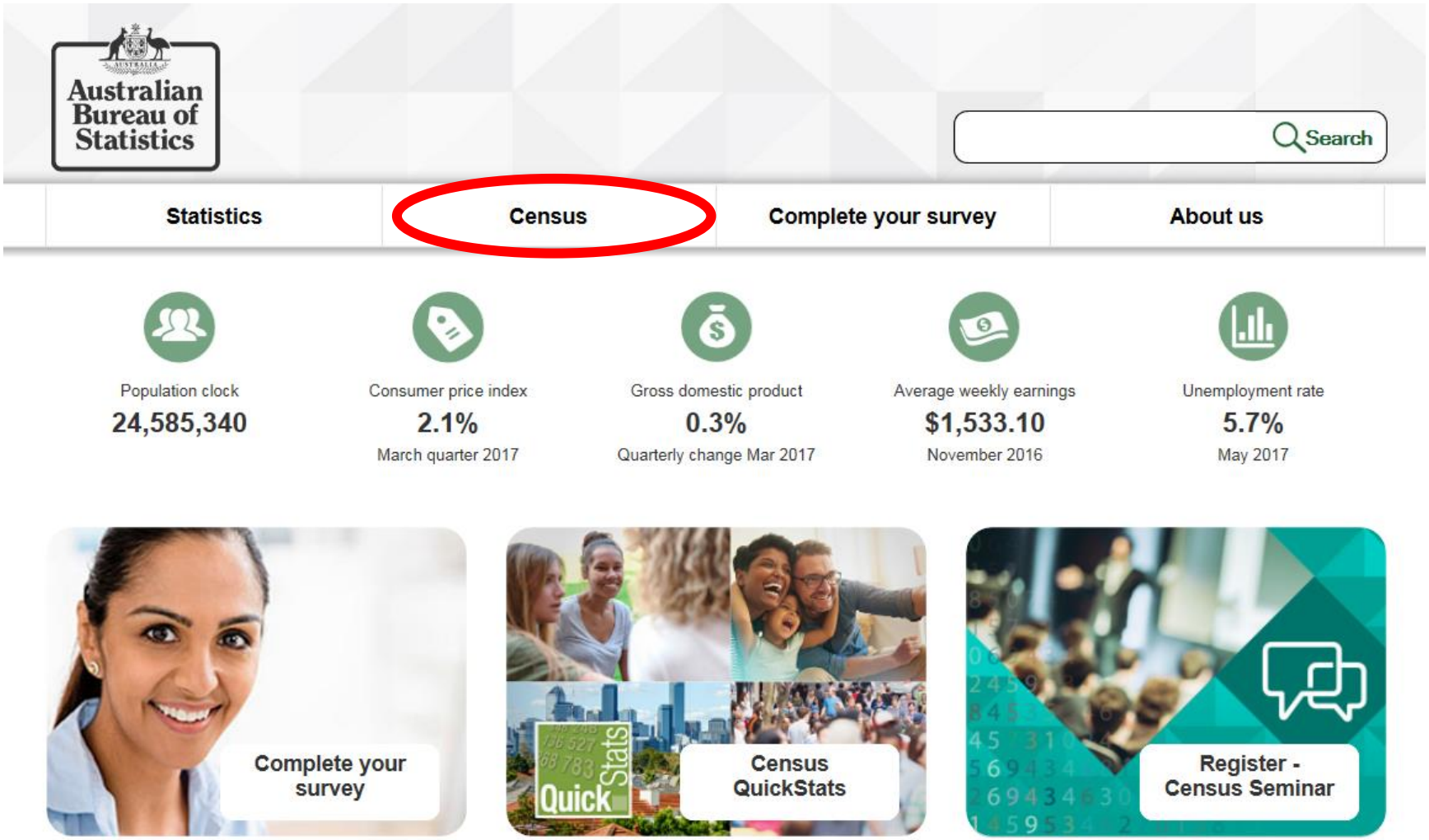
DataPacks

TableBuilder Basic & Pro

Australian Census Longitudinal Dataset

Analytical Products

ABS Website


Australian Bureau of Statistics
Search
Statistics
Census
Complete your survey
About us
Population clock
24,585,340
Consumer price index
2.1%
March quarter 2017
Gross domestic product
0.3%
Quarterly change Mar 2017
Average weekly earnings
$1,533.10
November 2016
Unemployment rate
5.7%
May 2017
Complete your survey
Census QuickStats
Register - Census Seminar

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

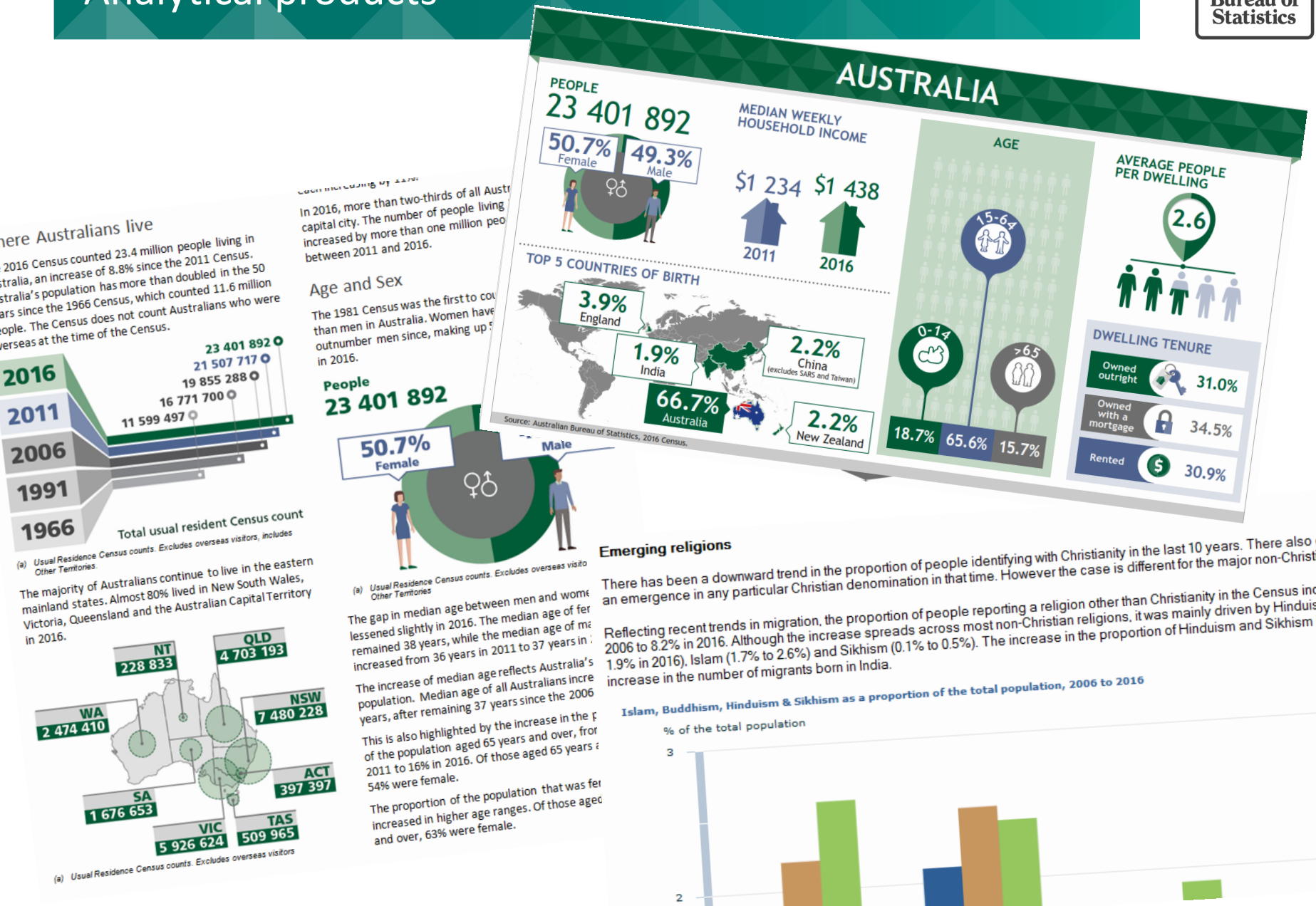
2016 Census Overview
What happened, What's next

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

Analytical products



QuickStats

Australian Bureau of Statistics

2016 Census QuickStats

Australia | Australian Capital Territory | Statistical Area Level 4

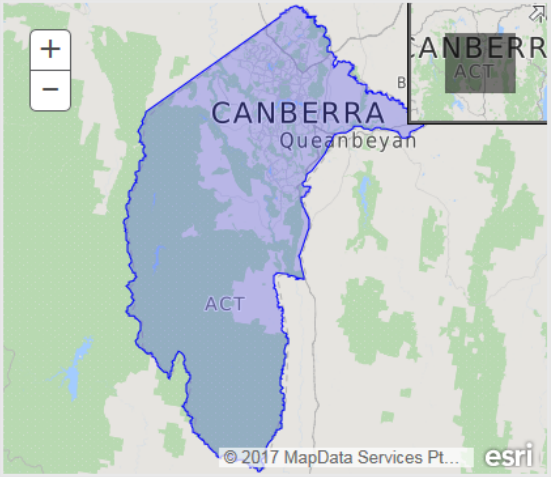
Australian Capital Territory

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

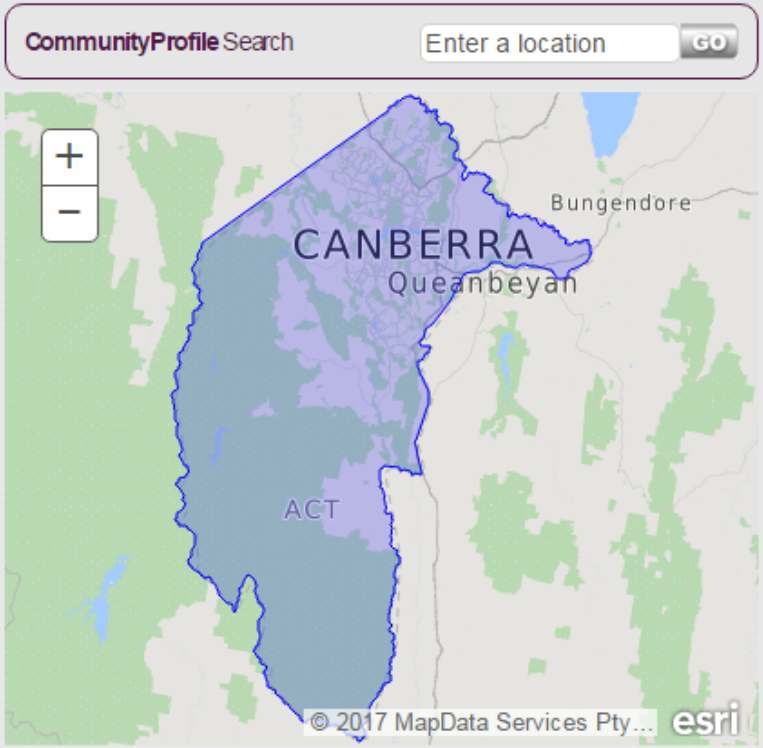
Australian Capital Territory

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.**

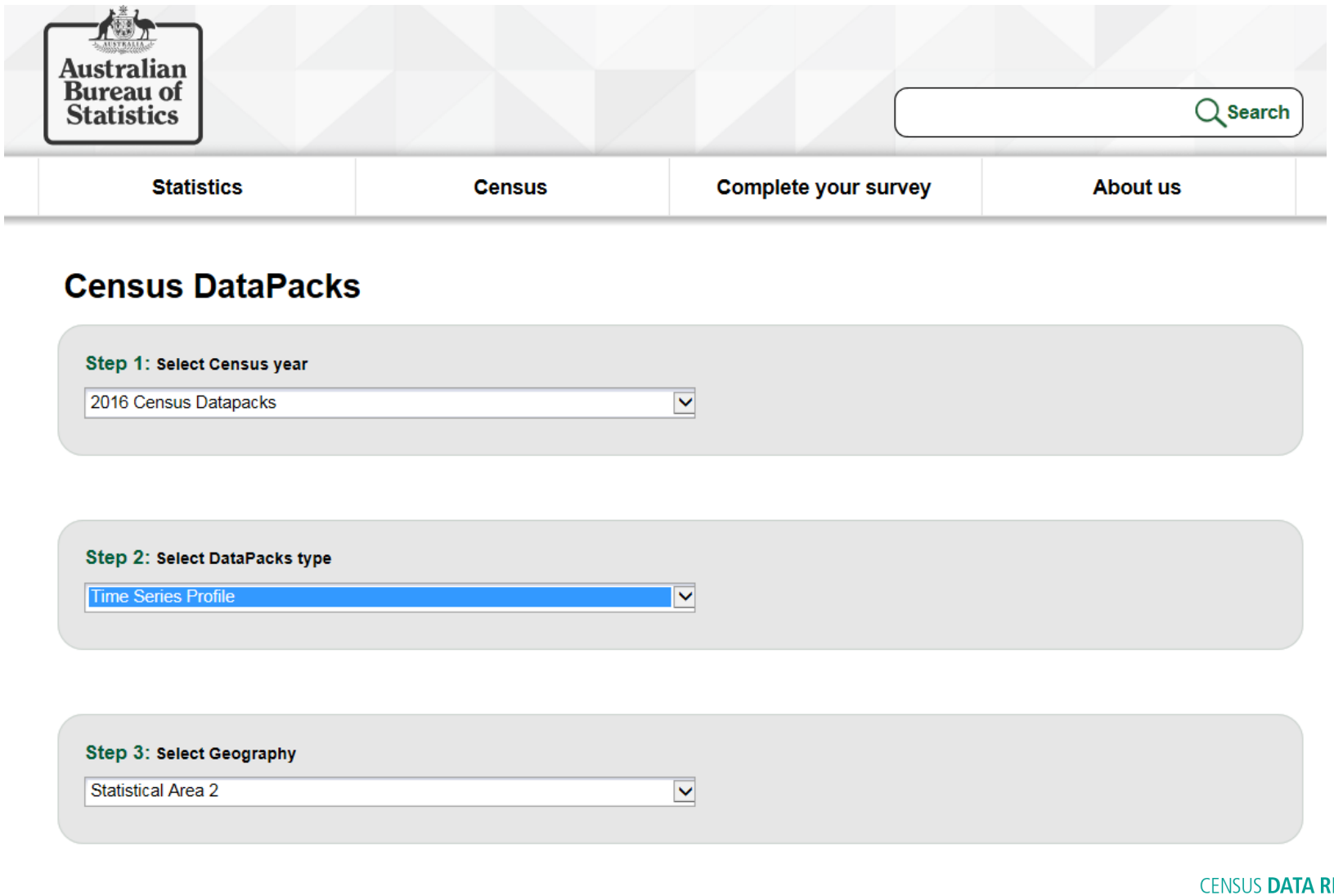
General Community Profile	404KB
Aboriginal and Torres Strait Islander Peoples Profile	145KB
Time Series Profile	243KB



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.

Datapacks


Australian Bureau of Statistics
Search
Statistics
Census
Complete your survey
About us
Census DataPacks
Step 1: Select Census year
2016 Census Datapacks
Step 2: Select DataPacks type
Time Series Profile
Step 3: Select Geography
Statistical Area 2

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

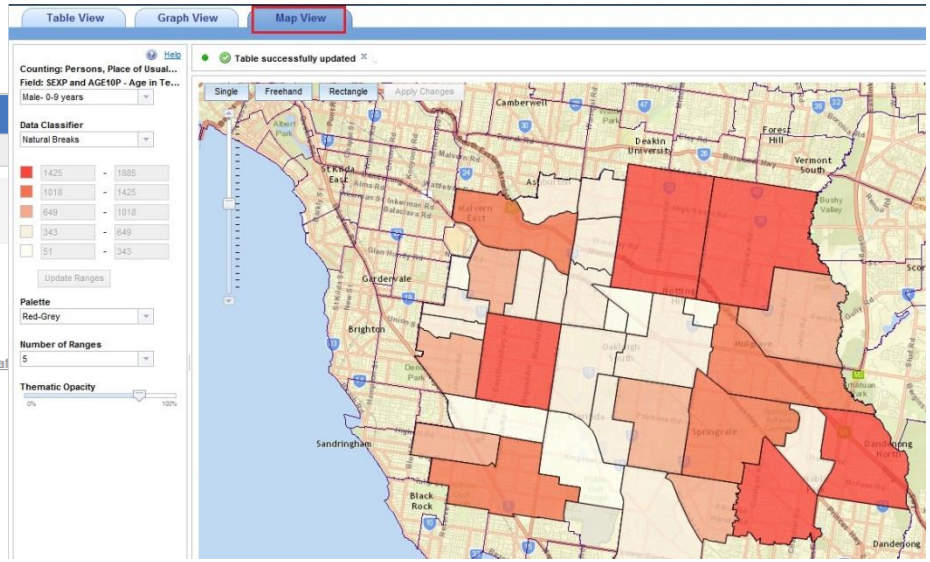
Wafers:

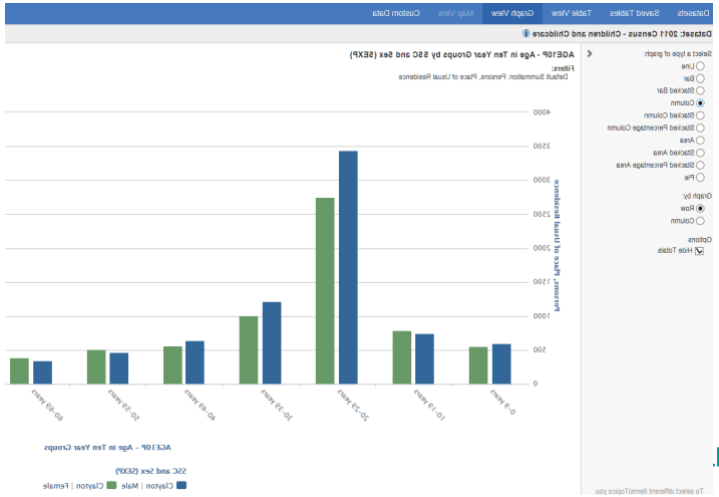
Cell count, **72** (6 columns x 12 rows x 1 wafers) total, **36** (3 columns x 12 rows x 1 waf

<< 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





.EASE

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

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**

Where can you find more information?

Australian Bureau of Statistics

1300 135 070

@ABSCensus

Census Australia

CensusAustralia

LGBTIQ Data Sources

Australian Bureau of Statistics

Census of Population and Housing

- Same-Sex Couple Indicator (SSCF)
- Relationship as Reported for Couples (RLCP)
- Relationship in Household (RLHP)
- Sex and Gender Diversity – *New for 2016*

General Social Survey

- Sexual Orientation – *New for 2014*

Summary 2016 Census Sex/Gender Diversity Results

Australian Bureau of Statistics

Response to the sex question	Persons	Rate per 100,000 people
Valid and intentional sex/gender other than male or female	1,300	5
Possible sex/gender other than male or female (a)	2,400	10
Wider group of possible sex/gender diverse responses	**3,700**	**16**
Other responses – clearly not intended 'other' responses (b)	6,500	27
Australia(c)(d)	**23,717,400**	

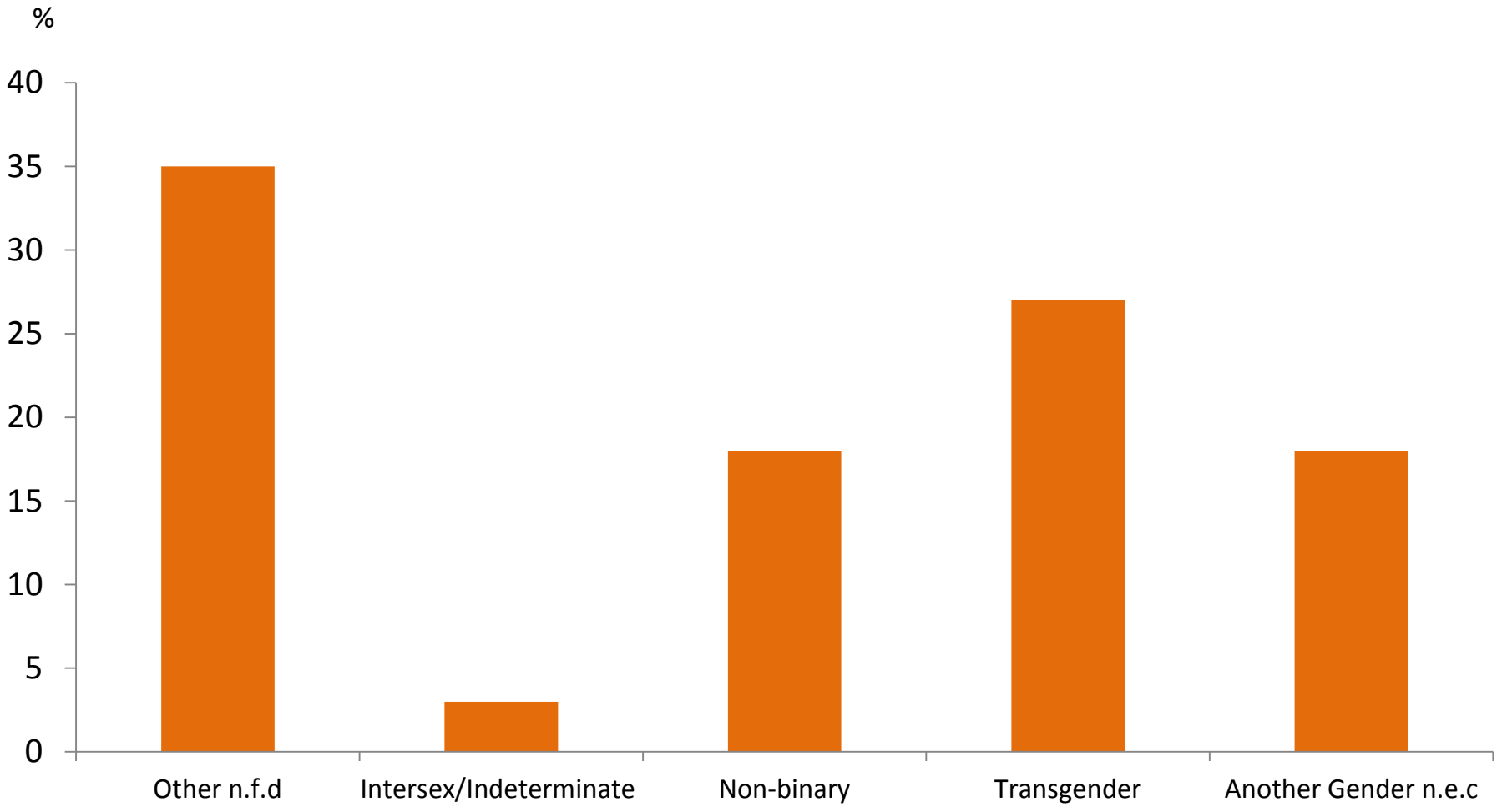
(a) Includes people who marked both the Male and the Female responses without writing any text.
(b) Includes people who clearly did not intend an 'other' response (e.g. information about other household members, the names of people or various marks on paper forms), those giving a deliberately invalid response and those whose response was exclusively about their sexual orientation.
(c) Includes all responses to the sex question.
(d) Includes overseas visitors.

Coding of Other Sex

- The ABS imputed male or female sex for people who responded as 'other' for the sex question for the 2016 Census. This action was taken to include these people in the output counts, because 2016 Census data products did not have the facility to include a third category for sex. The ABS is committed to implementing the Australian Government Guidelines on the Recognition of Sex and Gender and will continue to work with the community on approaches for future collections including the 2021 Census.

- In those instances where a householder fails to answer a question, a 'not stated' code is allocated during processing, with the exception of non-response to age, sex, marital status and place of usual residence. These variables are needed for population estimates, so they are imputed using other information on the Census form, as well as information from the previous Census. The sex or gender other than male or female information reported in the Census have had "Male" or "Female" randomly attributed based on a standard imputation process.

Sex and gender diversity – Types of responses (valid and intentional)



Census product suite

June 27

July 4

July 12

October

- Demographics
- Information about families
- Information about dwellings
- Cultural diversity (e.g. language, country of birth, ancestry)
- Religion
- Income

Reflecting Australia:
June ‘17 - Feb ‘18

- Industry
- Labour force status
- Travel to work
- Occupation
- Qualifications

Census of Population and Housing

Australian Bureau of Statistics

100+ year tradition	10 million households	8.45 million household forms	750 thousand personal forms
24 million people			700 coding & processing staff
99.0% population coverage			5.3 billion transactions
63.3% online response rate			68.9 million pieces of data
95.1% dwelling response rate			2.8 million tables of data
180+ different Countries of birth	300+ different ancestries	300+ different languages	7 years in the making

Aboriginal and Torres Strait Islander population

Australian Bureau of Statistics

Sydney	2016	2011
Population	70,135	54,746
Median Age	23	22
Average number of people per household	3.2	3.1
Average number of persons per bedroom	1	1.2
Median weekly household income	$1,488	$1,148
Median weekly rent	$355	$265
Median monthly mortgage repayments	$2,015	$2,020

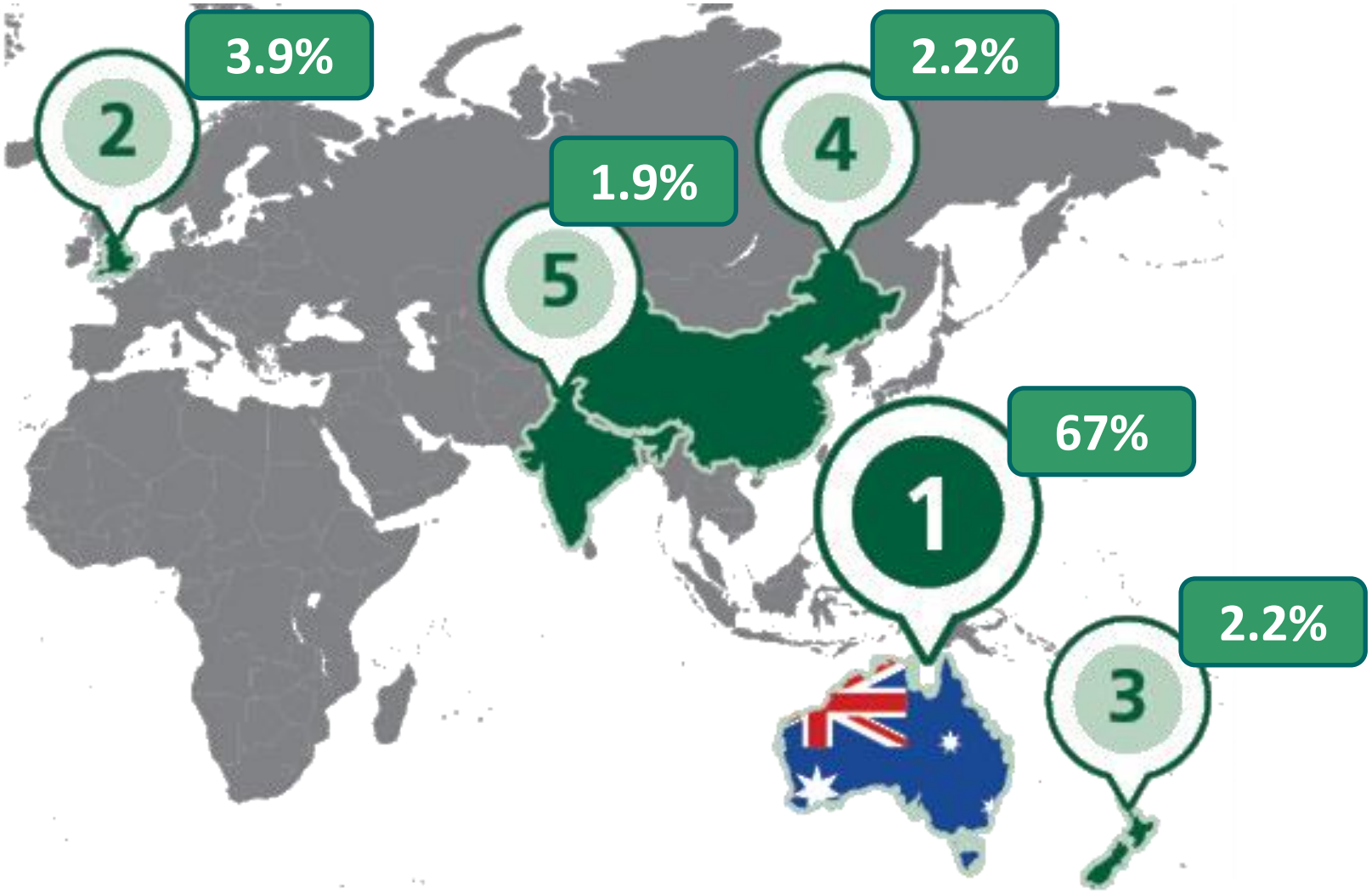
Aboriginal and Torres Strait Islander population

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

Top 5 countries of birth – Australia

Australian Bureau of Statistics

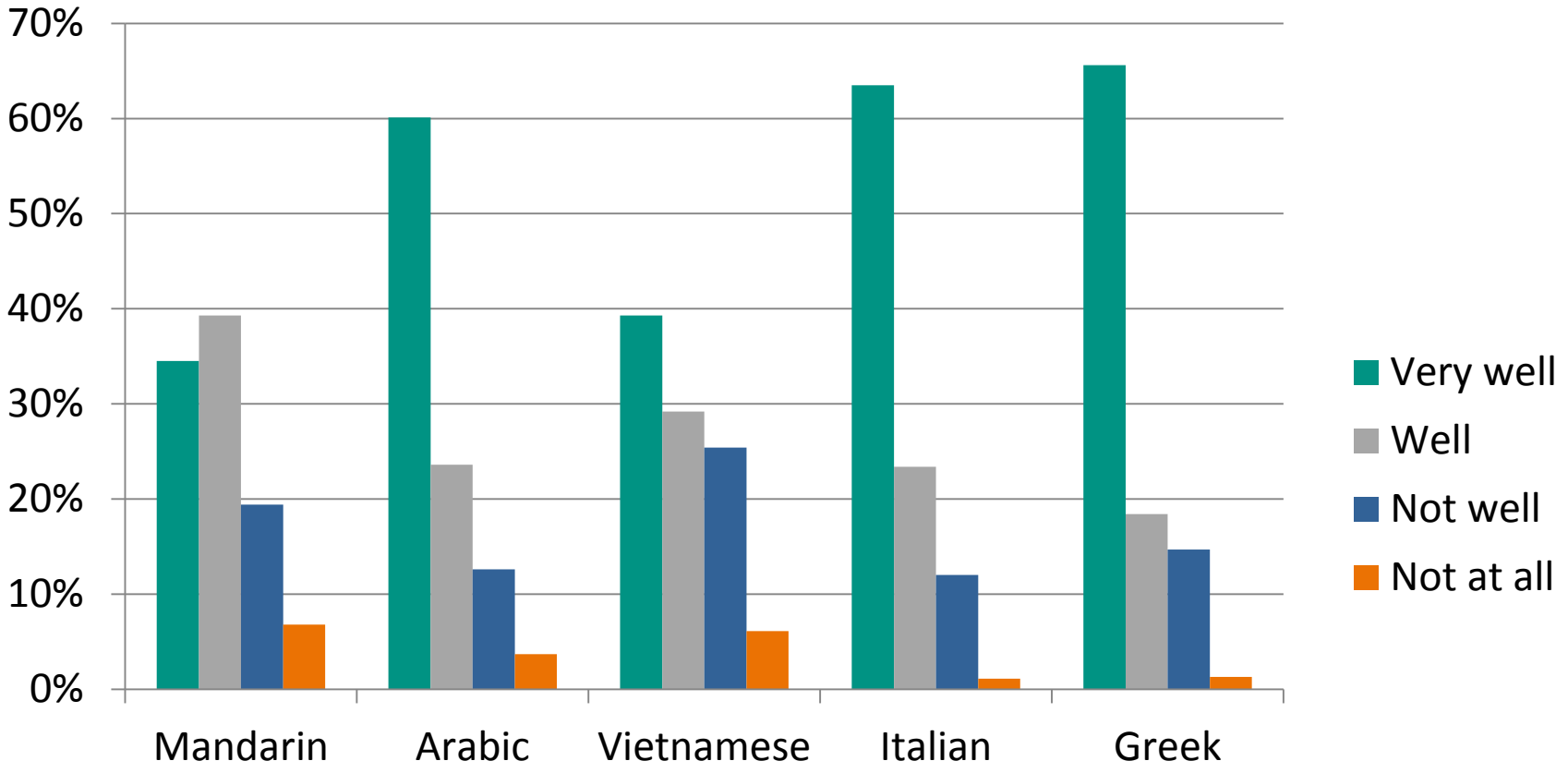


Top 10 countries of birth – Melbourne

Australian Bureau of Statistics

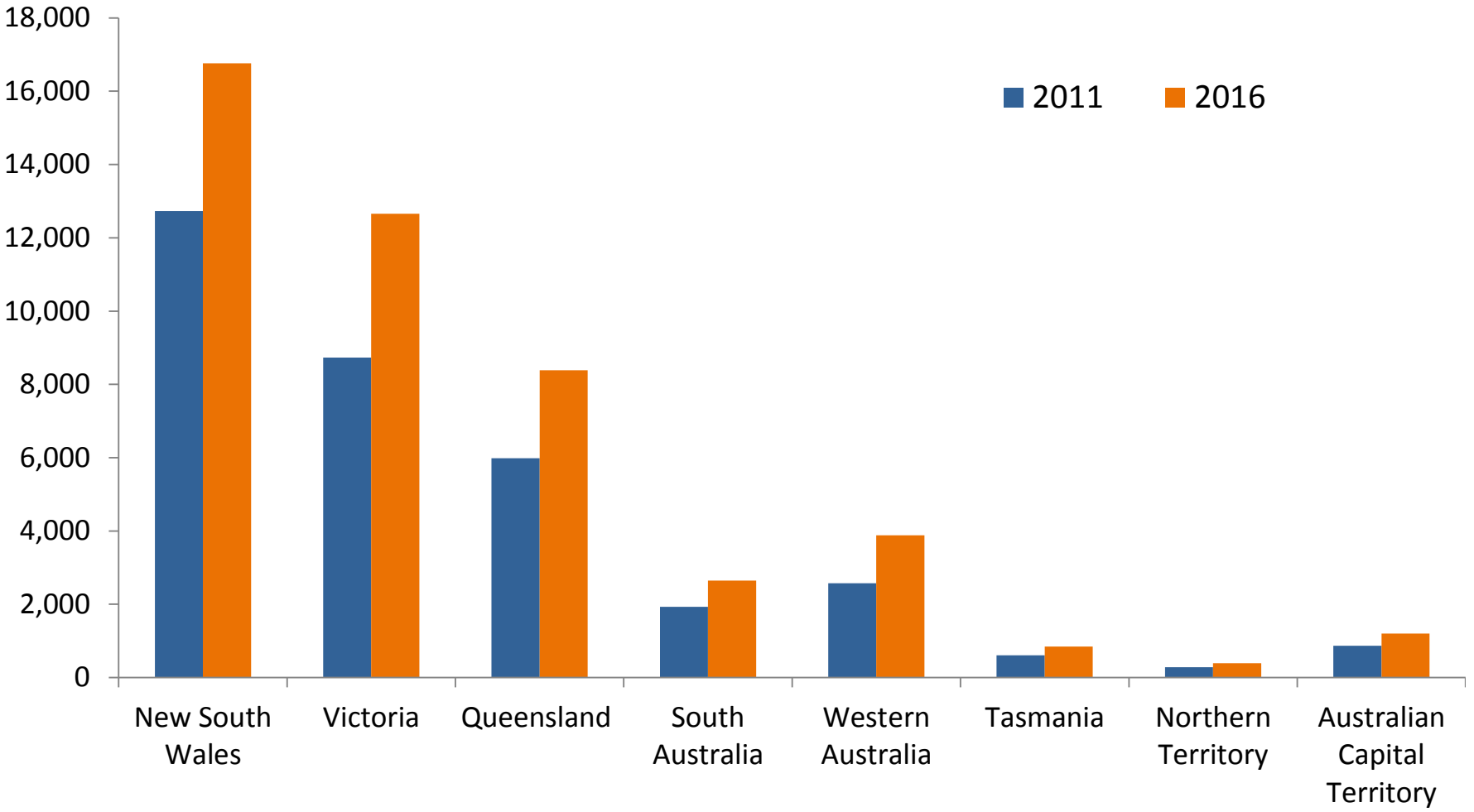
Country of birth	Melbourne	%	Victoria	%
Australia	2,684,072	59.8	3,845,493	64.9
India	161,076	3.6	169,802	2.9
China	155,998	3.5	160,652	2.7
England	133,300	3.0	171,443	2.9
Vietnam	79,054	1.8	80,787	1.4
New Zealand	78,906	1.8	93,253	1.6
Italy	63,332	1.4	70,527	1.2
Sri Lanka	54,030	1.2	55,830	0.9
Malaysia	47,642	1.1	50,049	0.8
Greece	45,618	1.0	47,240	0.8

Language proficiency by selected languages spoken



Same sex couples that are living together

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

Accessing Census data

Australian Bureau of Statistics

Advanced search

Use the range of search services on the left of the page or select a boundary type from the top of the map. Use the map tools or double-click to zoom, scroll wheel to zoom out, pan and select an area of interest. Links will appear to view a QuickStat or Community Profile below the map.

Note: Maps for 2001 may only work intermittently if you are using Internet Explorer browser (version 9 and earlier).

Search by region

Census year 2016

GeographiesSearch

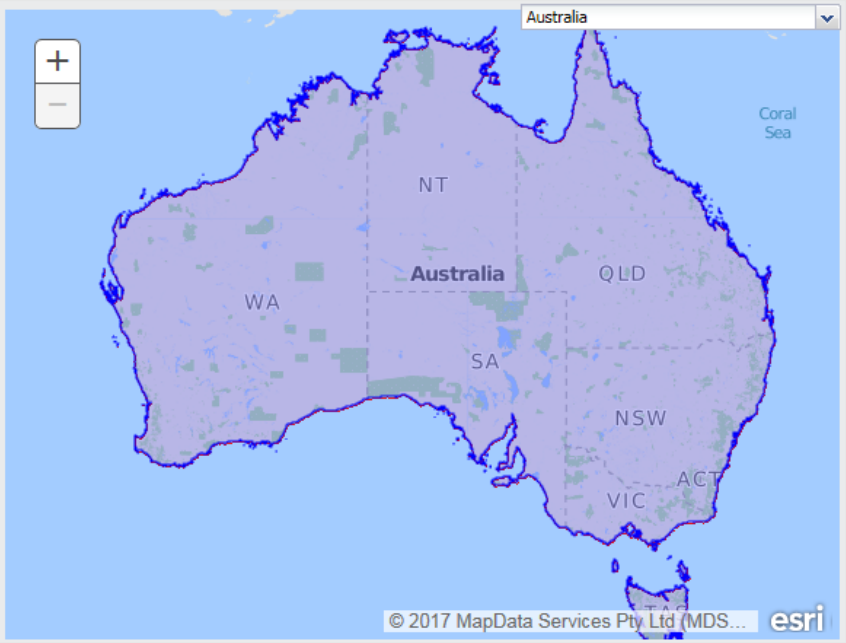
- Australia
- Main Statistical Area Structure (Main...
- Greater Capital City Statistical Areas
- Indigenous Geography
- Local Government Areas
- State Suburb
- Postal Areas
- Electoral Divisions

TextSearch

Enter a location

AddressSearch

Search by map



Selected region

View QuickStats for Australia

View Community Profile for Australia

Accessing Census data

QuickStats search tools

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

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

Search QuickStats

2016

Belconnen, ACT(SSC) GO

Advanced search

Using this search, you can find summary data about people, families and dwellings for a particular area, compared with with state and national data. At the state/territory and national level, data is compared from 2016 to 2011.

Search Aboriginal and Torres Strait Islander peoples

Belconnen GO

New for 2016, this search offers access to summary data for select geographies where people reported being of Australian Aboriginal and/or Torres Strait Islander origin.

Search Country of Birth

2011

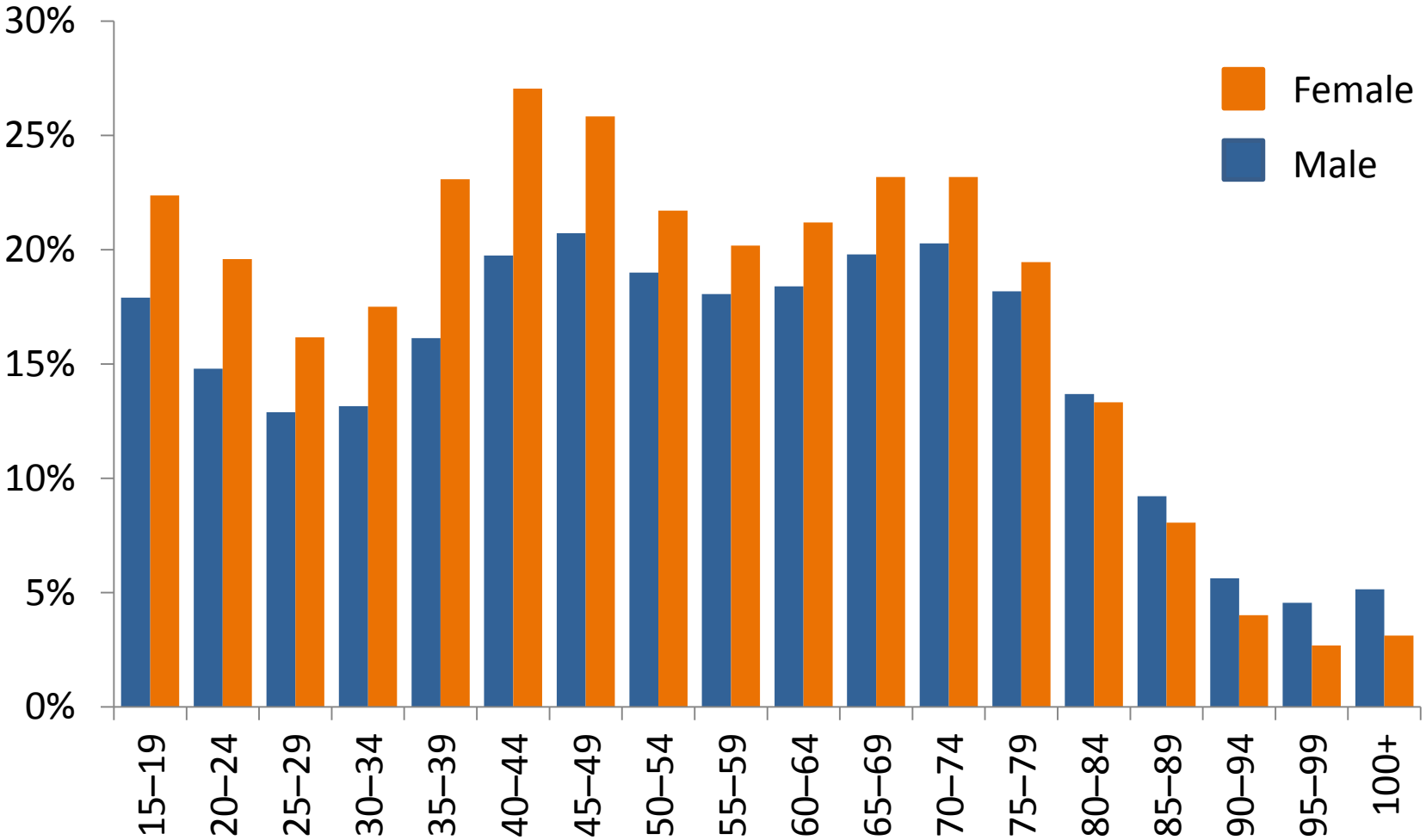
Australia GO

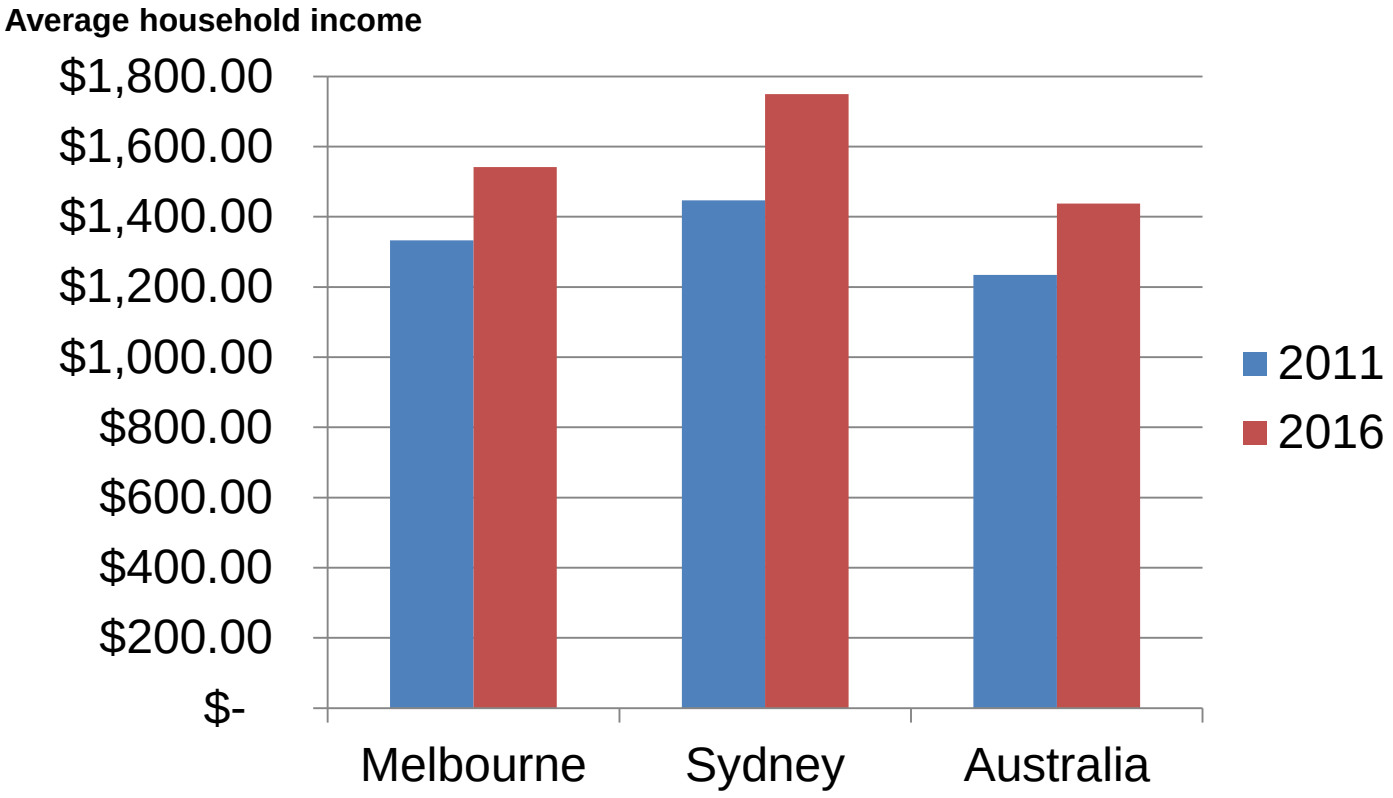
2016 Census data for Country of Birth, will be available from October 2017. The current search relates to 2011.

)ATA RELEASE

Volunteered in previous 12 months

Australian Bureau of Statistics




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