1996 Census of Population and Housing

Canberra

... A Social Atlas

Dalma Jacobs Regional Director ABS Catalogue No. 2030.8 ISBN 0 642 25774 4

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INQUIRIES

- For information about other ABS statistics and services, please refer to the back of this publication.
- For further information about these statistics, contact Bill Syms on Canberra (02) 6207 0285.

Contents

	Pa	age
	Introduction	1
POPULATION	Population density	5
	People aged 0–4 years	6
	People aged 5–14 years	
	People aged 15–24 years	
	People aged 60 years or older	
	Population change	10
ETHNICITY	People born overseas	
	People speaking Italian at home	
	People speaking a Chinese language at home	13
	People speaking Croatian at home	14
	People not fluent in English	15
	Recent arrivals	16
	Aboriginal and Torres Strait Islander people	
	1301.8.1 und 1011e0 outal 2011illaer people + + + + + + + + + + + + + + + + + + +	-,
EDUCATION	People with university qualifications	18
	People with trade qualifications	
	People without qualifications	
	reopie without qualifications	20
FAMILIES	One parent families with dependent children	21
	Couples with dependent children	22
	DINKs (double income, no kids)	23
INCOME	Low income households	24
	High income households	25
LABOUR FORCE	Unemployed people	26
D (BOOK FOROE	Unemployed people aged 15–24 years	
	Unemployed people aged 45 years or older	
	Managers, administrators and professionals	
	Mothers in the labour force	
	People who travelled to work by car	31
	People who travelled to work by public transport	32
	People who worked in the Canberra CBD	33
DWELLINGS	People occupying medium or high density housing	34
	Owner-occupied dwellings	35
	Dwellings being purchased	
	Rented dwellings — government owned	
	Rented dwellings — privately owned	
	Dwellings with no motor vehicles	39
REFERENCE MAPS	Statistical Local Areas	
	Postal Areas	42
	Locations	43
	Urban settlement	44
ADDITIONAL INFORMATION	Glossary	45

Introduction

ABOUT THIS ATLAS

This *Social Atlas* is one of a series of atlases of Australian capital cities. It contains maps illustrating a range of social, demographic and economic characteristics of the population of Canberra and Queanbeyan using data collected in the 1996 Census of Population and Housing. A commentary accompanying each map briefly analyses these characteristics and highlights the main features.

The region mapped in this atlas comprises the Urban Centres of Canberra and Queanbeyan, and the following areas which are currently classified as non-urban: the locality of Hall and the suburbs of Pialligo and Symonston in the Australian Capital Territory, and four census collection districts (CDs) adjoining the Queanbeyan urban area in New South Wales. In the commentaries, the mapped region has been referred to simply as Canberra–Queanbeyan.

The number of people counted in Canberra–Queanbeyan on census night, 6 August 1996, excluding overseas visitors, was 323,749 of which 294,983 were in the Urban Centre of Canberra and 25,627 were in the Urban Centre of Queanbeyan. The Canberra area mapped in this atlas represents 99.6% of the population of the Australian Capital Territory.

ABOUT THE CENSUS

The 1996 Census of Population and Housing aimed at counting every person who spent census night, 6 August, in Australia. This included people in private dwellings, non-private dwellings, camping out, on vessels in or between Australian ports, and on overnight transport. All people, including visitors and tourists, were counted where they actually spent census night, which may not have been where they usually lived.

All private dwellings were counted, whether occupied or unoccupied. Occupied non-private dwellings, such as hotels, motels, hospitals and prisons, were also included.

MAP TOPICS

A set of core topics has been selected from the characteristics of the population to enable comparability between atlases. In addition, some city-specific topics have been included in this atlas because of their particular relevance to Canberra–Queanbeyan. These are: People speaking a Chinese language at home, People speaking Italian at home, People speaking Croatian at home, People who worked in the Canberra CBD, and Urban Settlement.

STATISTICAL BOUNDARIES

Topics are mapped by CDs, which are the smallest geographic areas used for collection and dissemination of census data. In towns and cities there are usually between 200 to 300 dwellings in each CD and where possible they have easily identified boundaries, such as streets and waterways.

CDs are the basic building blocks for the aggregation of statistics to larger areas, such as statistical local areas (SLAs) and local government areas (LGAs). As can be seen from the maps, CDs vary in shape and size.

SLAs are geographic areas bounding one or more CDs and, in Canberra, generally represent individual suburbs. LGAs are administrative areas under the responsibility of an incorporated local government council, of which Queanbeyan is representative. LGAs used in the Census were those current at 5 August 1995.

INTERPRETING THE MAPS

Each topic is mapped using different colours to represent different proportions of the mapped characteristic. With the exception of one topic, 'Population density', the maps express the various characteristics as a percentage of the relevant population; e.g., unemployed people as a percentage of the labour force. Population density shows the number of people per square kilometre.

MAP SYMBOLS

Maps are oriented conventionally with north to the top of the page, and each map is accompanied by a legend showing the colour and values for each class of the mapped data. CDs containing less than 50 people have been left unshaded.

The maps show major roads, lakes and CD boundaries. The following symbols are used on the maps:

CD boundaries
Lakes
Major roads

Topographic data are provided under an agreement with the Public Sector Mapping Agencies.

MAP LEGEND

The map legend identifies the colours used to shade each class on a map e.g.



Although the value '15' is shown on the legend twice, any region with this value for the mapped attribute falls into one class only. The class '15 – 22', for example, will include all values from and including 15 and up to but not including 22. However, for simplicity, the ranges are shown as '15 – 22', '22 – 30' and so on.

CLASS INTERVAL SELECTION

Selecting appropriate class intervals for each map is a key aspect of representing statistical data. For each map, five classes have been used so that the reader is able to distinguish each class clearly. Class intervals which reflect the distribution of the data were calculated using the Dalenius-Hodges algorithm¹. The aim of this clustering algorithm is to group CDs with similar values in the same class.

NON-RESIDENTIAL AND FARM LAND

No distinction has been drawn between residential land and non-residential and farm land within a CD. The census data are assumed to be homogeneous, or evenly spread, across the entire CD, even across large parklands and industrial estates, etc.

REFERENCE MAPS

Reference maps are also included with this atlas showing:

- SLAs in relation to the mapped area (pp. 40–41);
- Postal Areas based on CD boundaries (p. 42);
- selected locations noted in the text accompanying the maps (p. 43); and
- year of first settlement for SLAs in the mapped area (p.44).

These may be photocopied to produce overlays to be placed on the CD-based maps. Translucent tracing paper is recommended for this purpose rather than transparent film as it is easier to identify selected areas.

T. Dalenius & J. L. Hodges, Jr, 'Minimum variance stratification', *Journal of the American Statistical Association*, vol. 54, 1959, pp. 88–101.

COMPARABILITY WITH 1991 ATLAS

DINKs The definition of DINKs is the same as that for 1991 with the exception that the younger

partner of the couple must be less than 40 years old. In 1991 the female partner had to

be less than 36 years old.

Family relationships There have been several changes to the classification of family relationships (including

dependent children). For further information consult the 1996 and 1991 Census

Dictionary (Cat. no. 2901.0) or contact the ABS.

Income Additional categories were included in the 1996 Census for nil and negative incomes.

For purposes of aggregation to household income, negative income is given a value of

zero.

One parent families The map relating to one parent families excludes those families with non-dependent

children only. These families were included in this topic in 1991.

Overseas visitors There were 2,125 overseas visitors counted in the mapped area on census night. These

people have been excluded from all maps except for the 'Population change' map.

Overseas visitors were included in previous atlases.

Private dwellings Self-care units in retirement villages and manufactured homes on estates are classified as

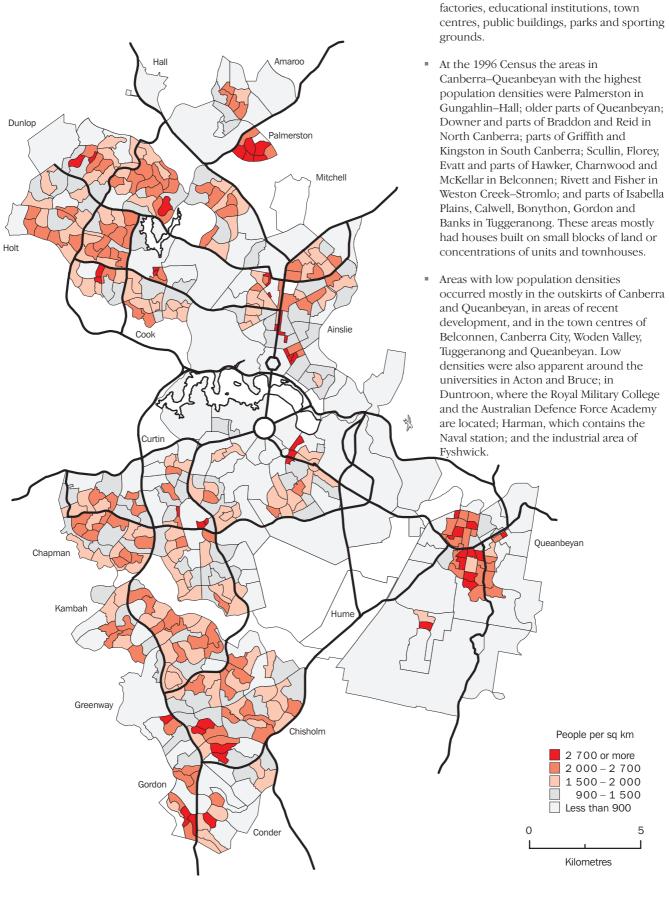
private dwellings. These were treated as non-private dwellings in previous censuses.

Qualifications Qualifications maps refer to people in the labour force. In 1991 these maps related to

the population aged 15 years and over.

Population density

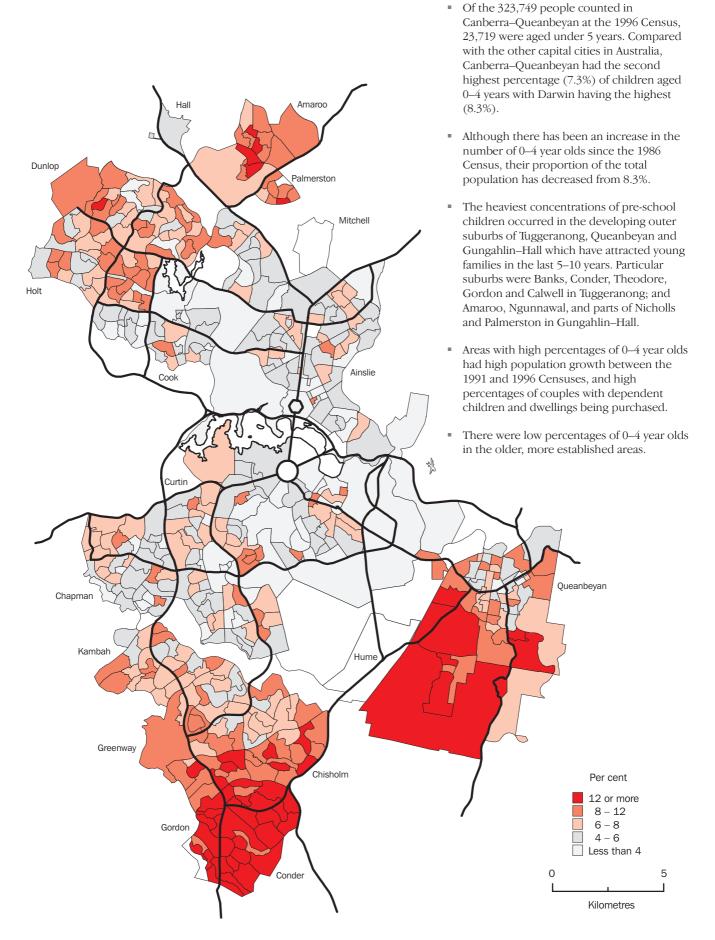
Number of people per square kilometre



Population density is influenced by factors such as housing density and the amount of non-residential land in a suburb, for example

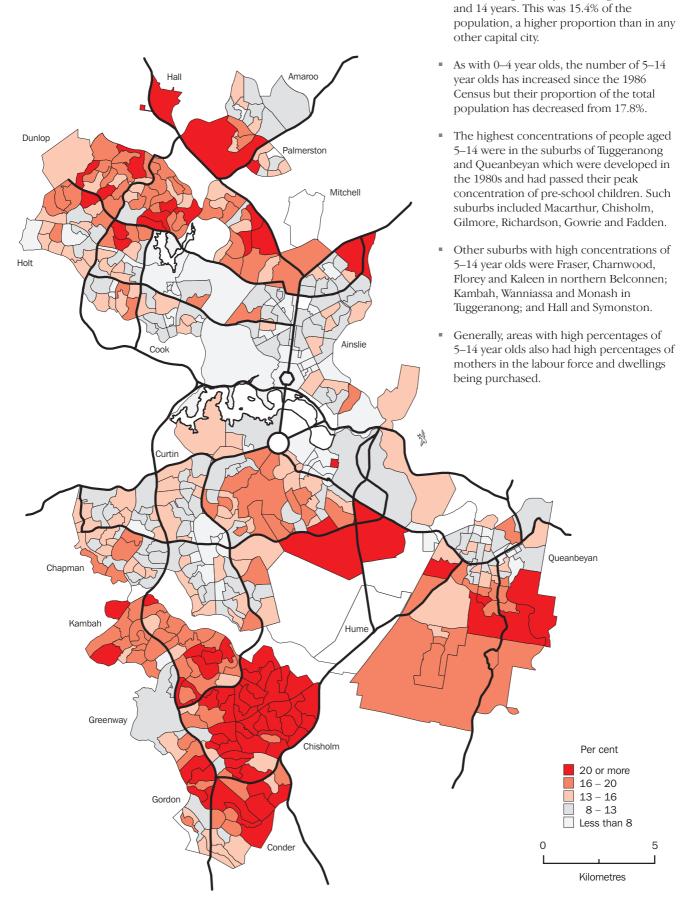
People aged 0-4 years

As a percentage of the total population



People aged 5-14 years

As a percentage of the total population

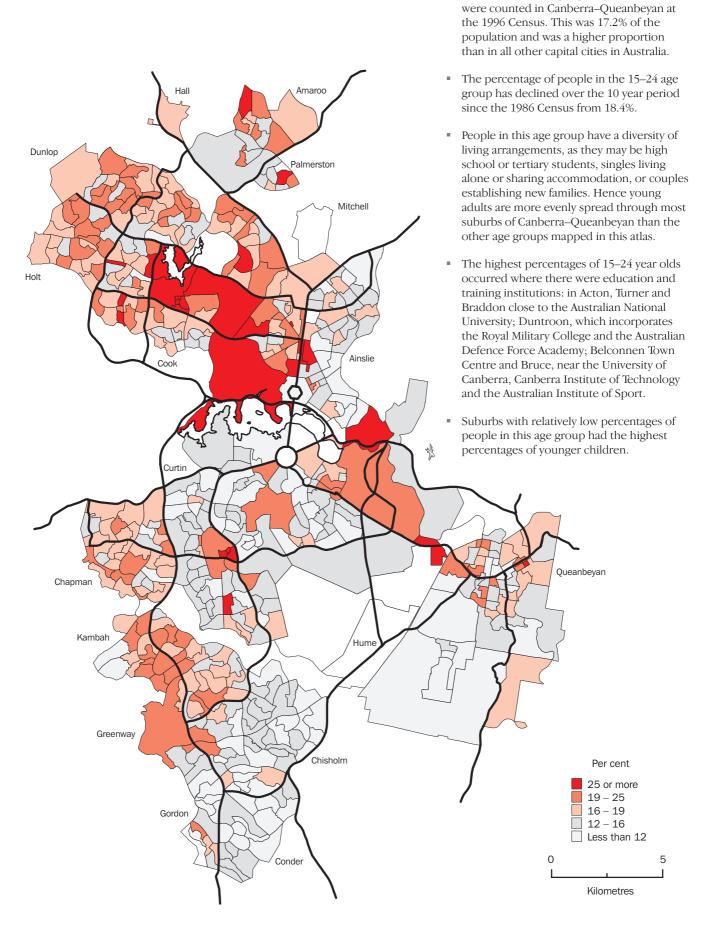


• At the 1996 Census 49,785 people in

Canberra-Queanbeyan were aged between 5

People aged 15-24 years

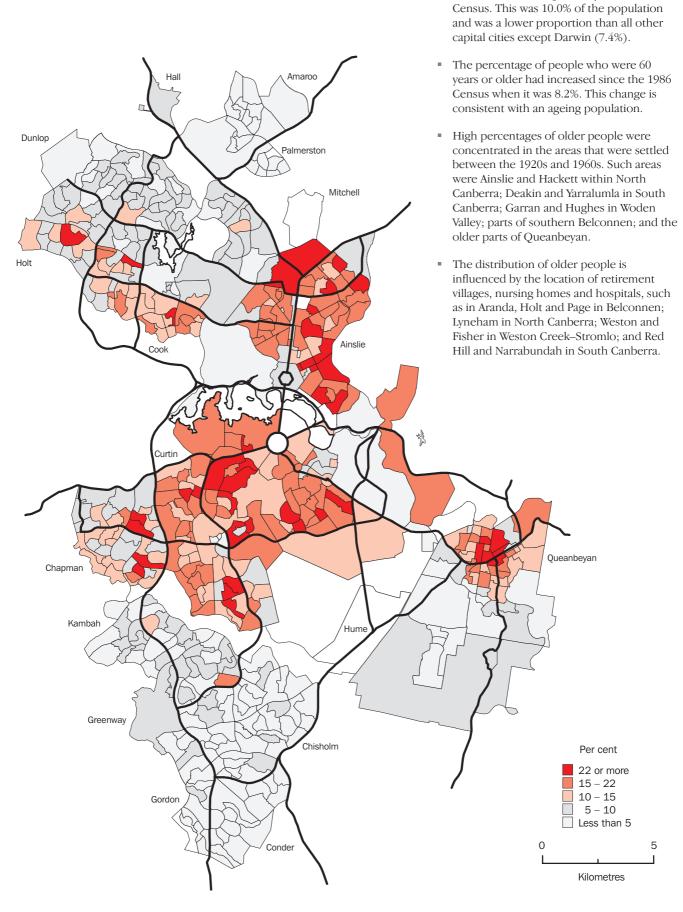
As a percentage of the total population



There were 55,789 people aged 15-24 who

People aged 60 years or older

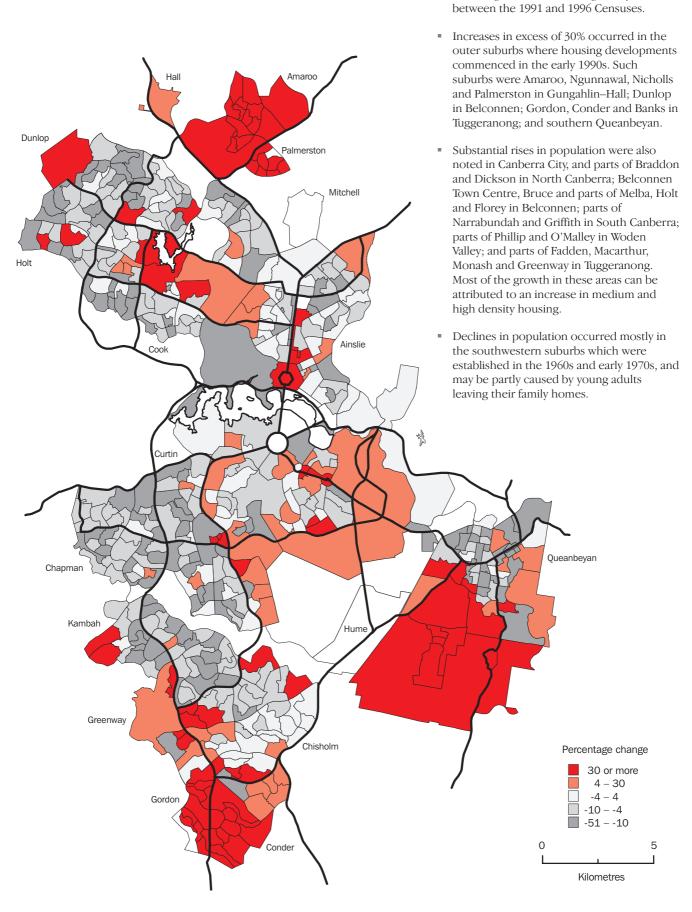
As a percentage of the total population



There were 32,289 people aged 60 years or older in Canberra–Queanbeyan at the 1996

Population change

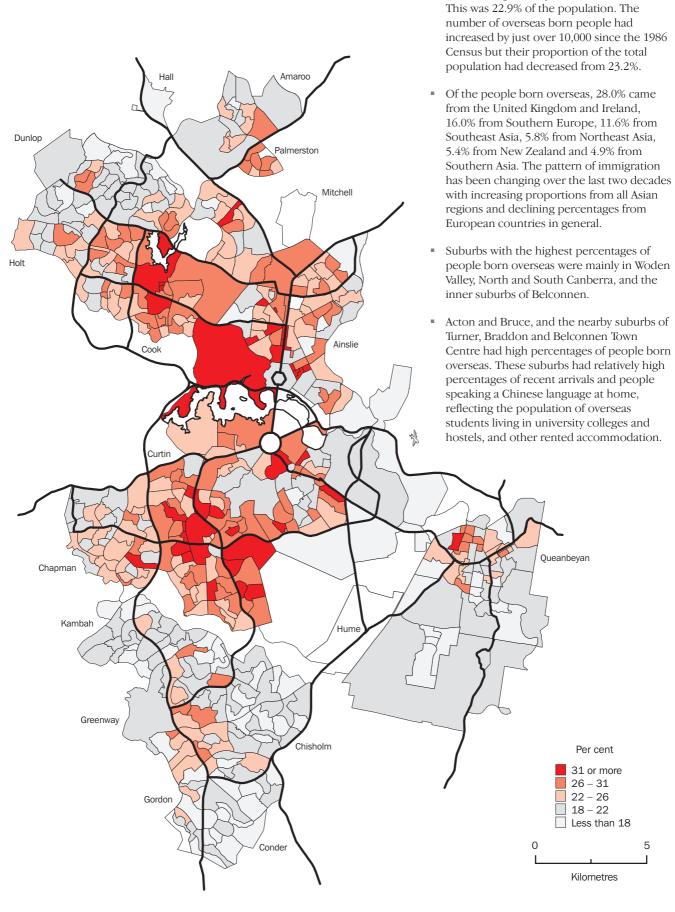
Percentage change in population between the 1991 and 1996 Censuses



The population of Canberra–Queanbeyan, including overseas visitors, grew by 7.9%

People born overseas

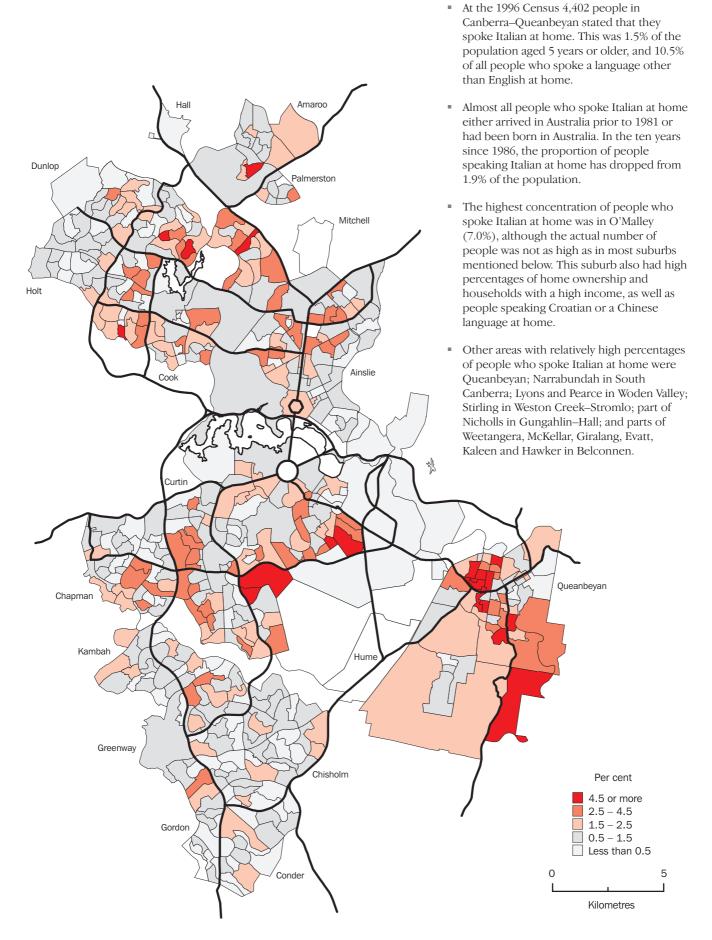
As a percentage of the total population



There were 71,918 overseas born people in Canberra–Queanbeyan at the 1996 Census.

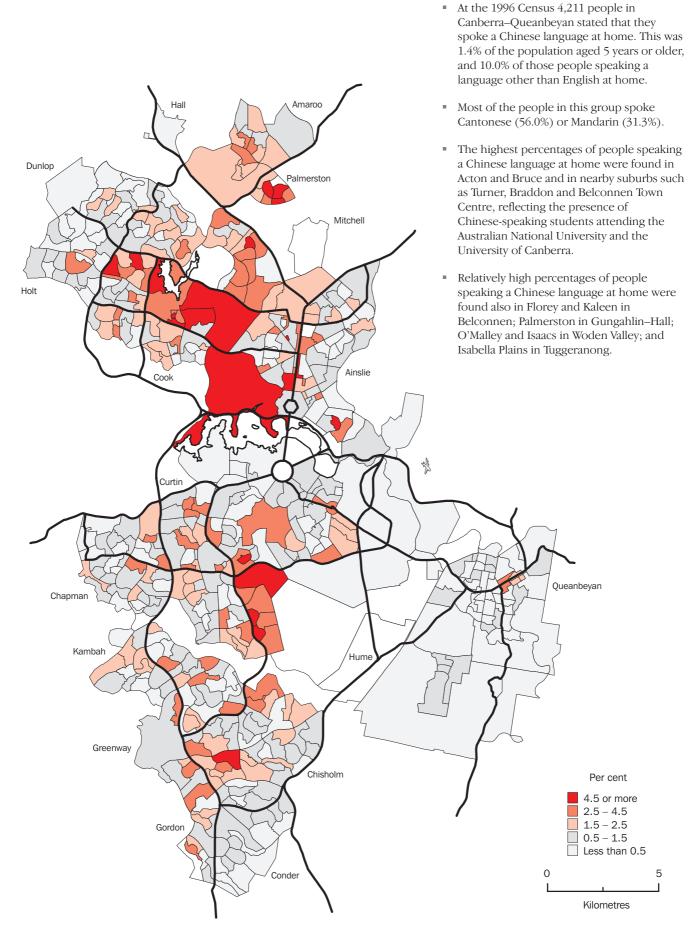
People speaking Italian at home

As a percentage of all people aged 5 years or older



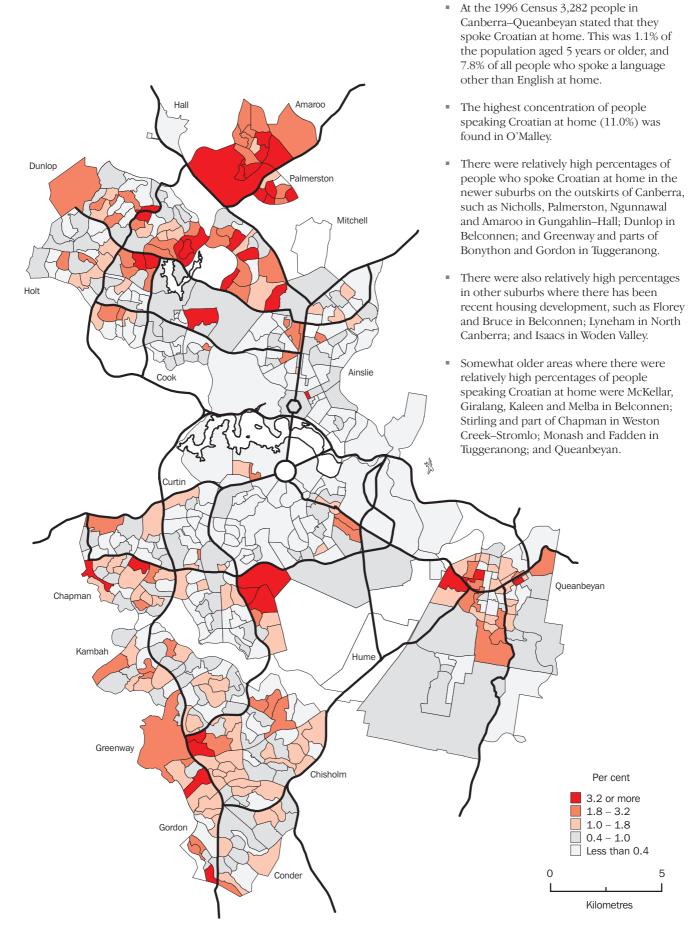
People speaking a Chinese language at home

As a percentage of all people aged 5 years or older



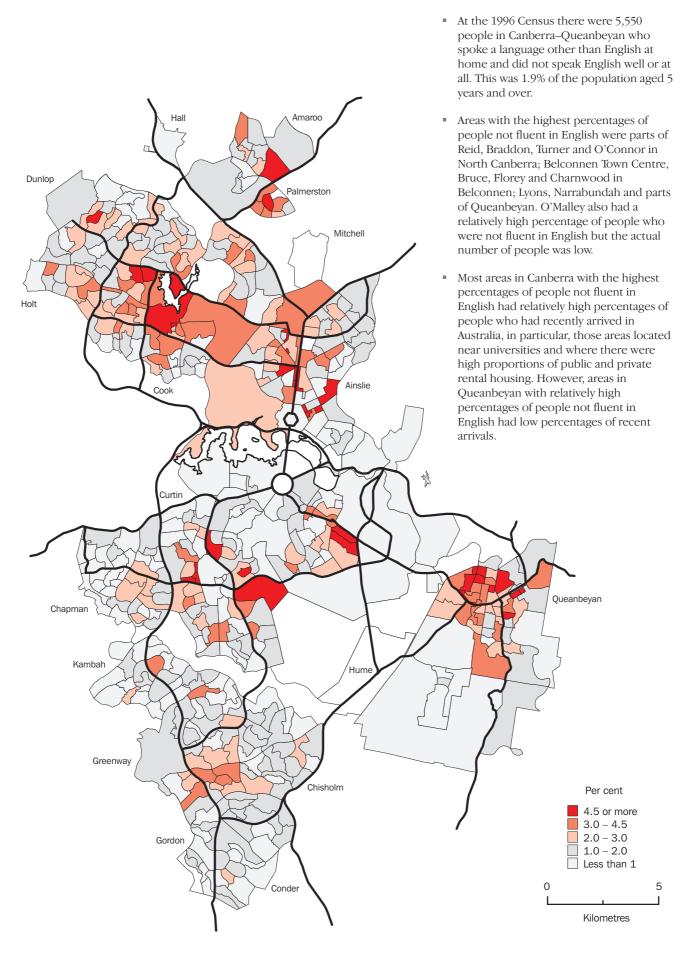
People speaking Croatian at home

As a percentage of all people aged 5 years or older



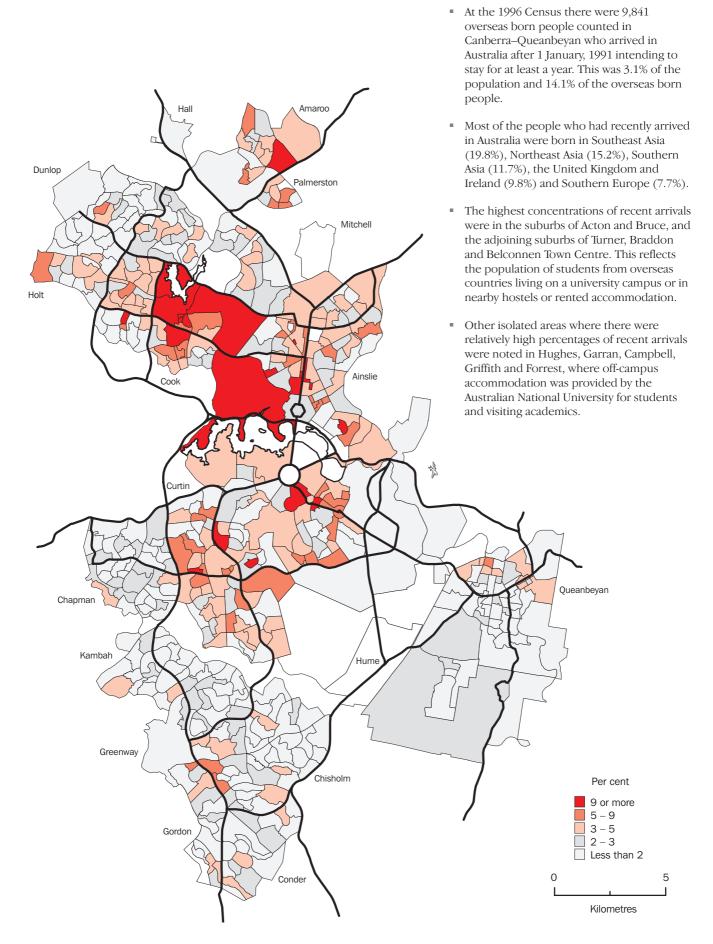
People not fluent in English

People who did not speak English well or at all as a percentage of all people aged 5 years or older



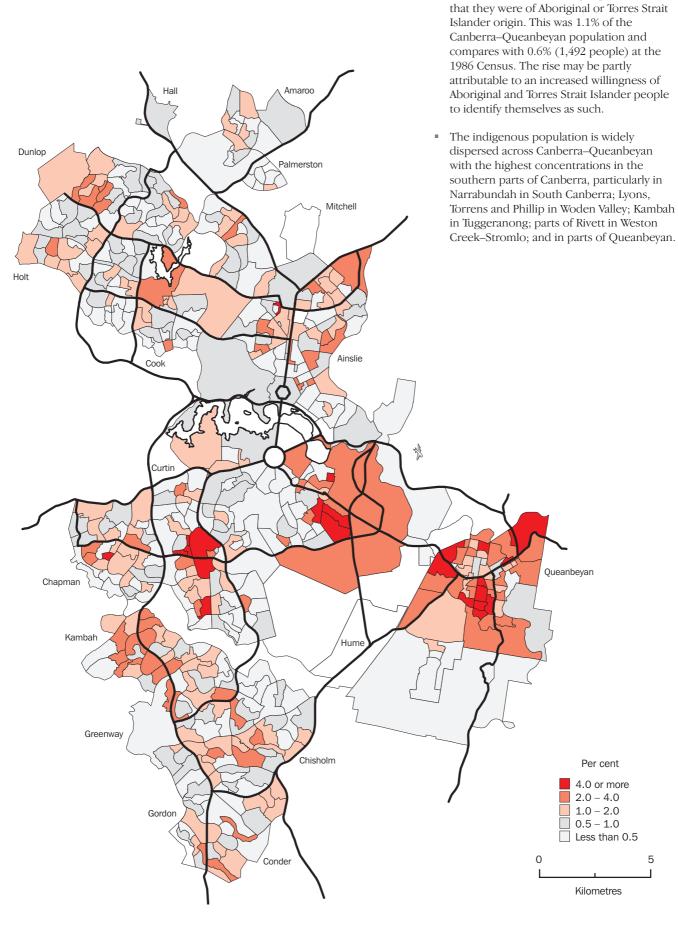
Recent arrivals

As a percentage of the total population



Aboriginal and Torres Strait Islander people

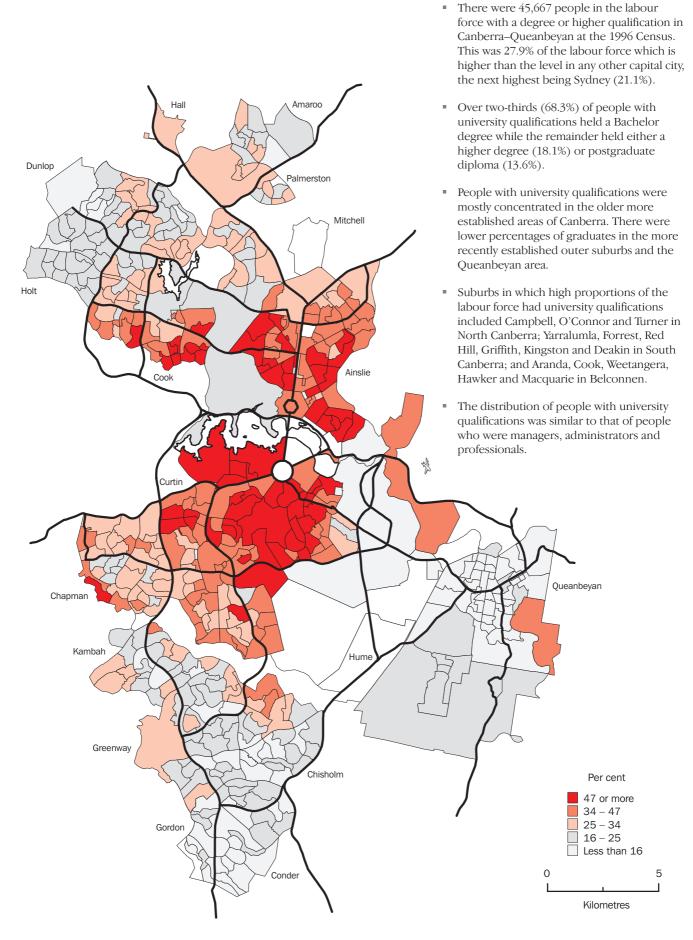
As a percentage of the total population



At the 1996 Census 3,597 people indicated

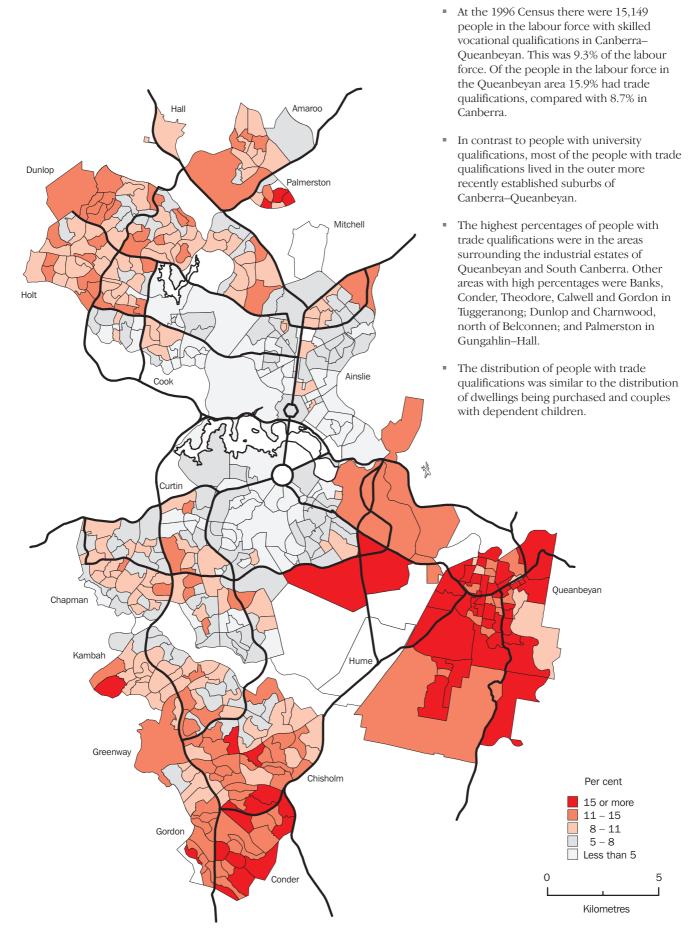
People with university qualifications

As a percentage of the labour force



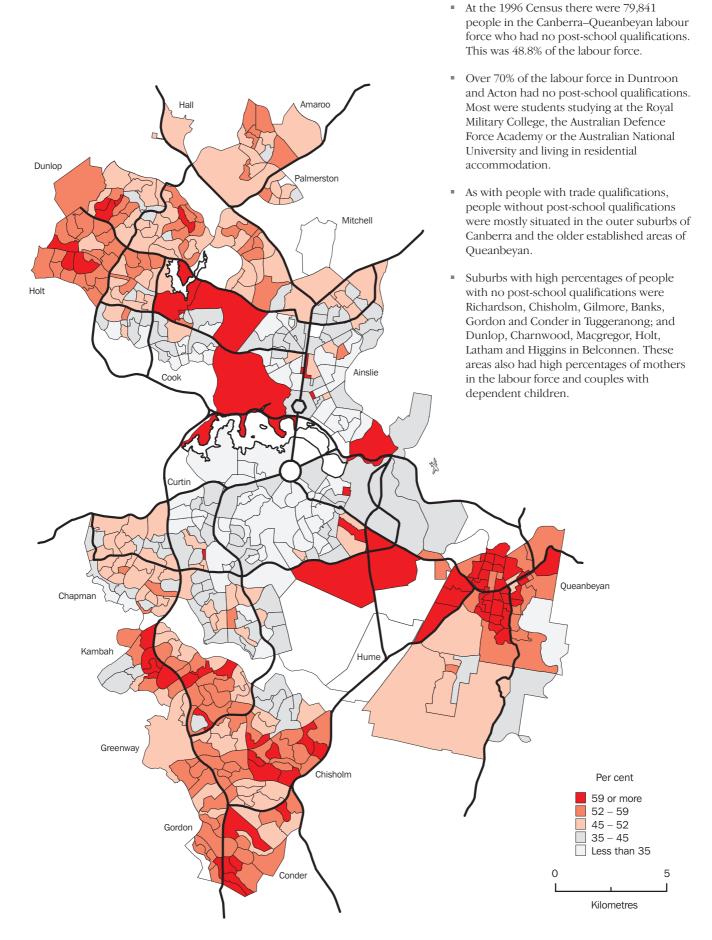
People with trade qualifications

As a percentage of the labour force



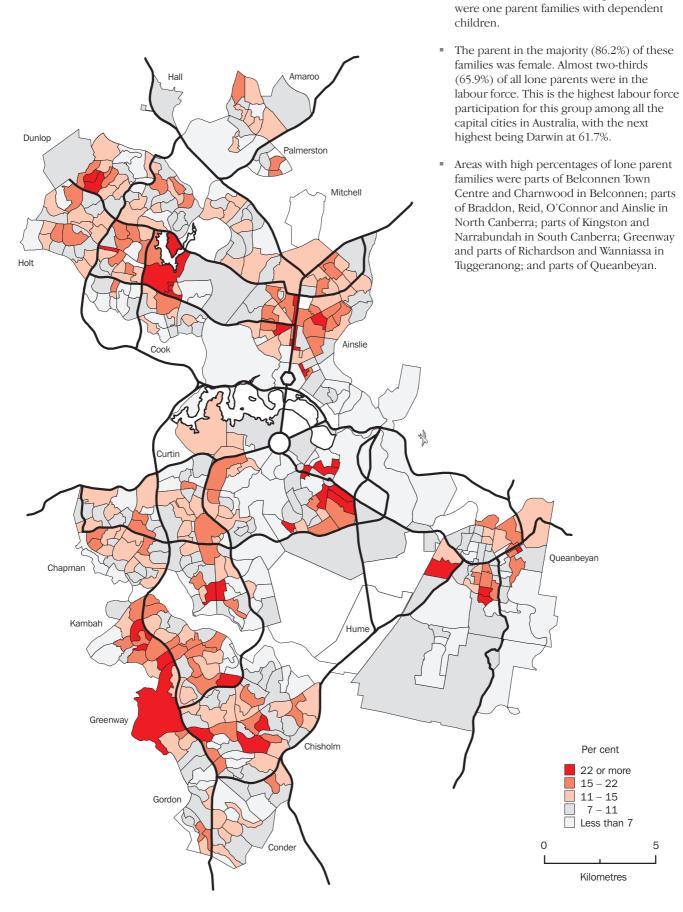
People without qualifications

As a percentage of the labour force



One parent families with dependent children

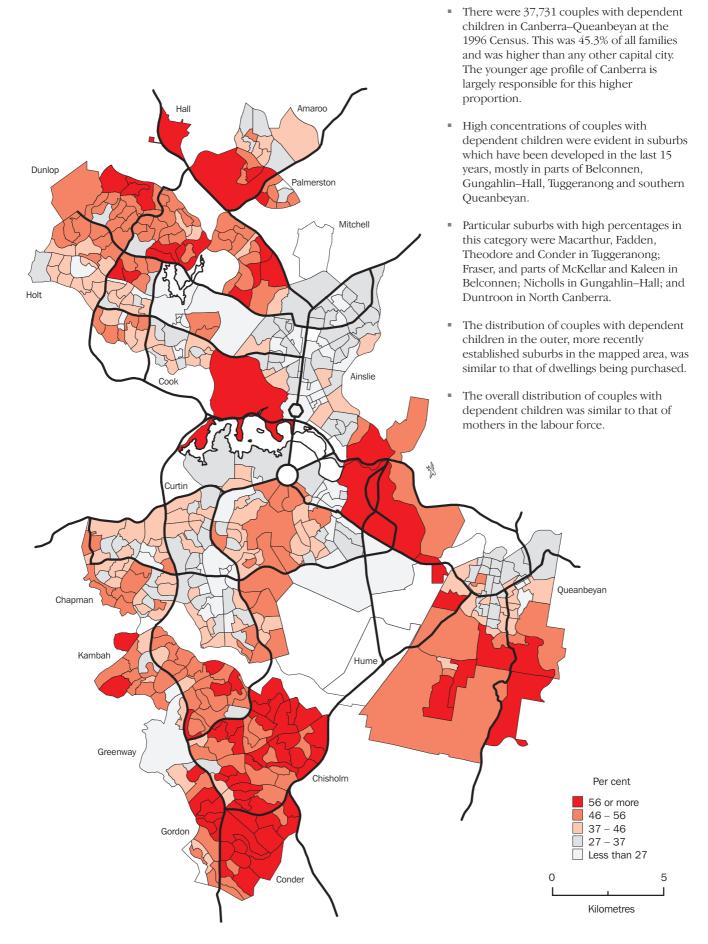
As a percentage of all families



At the 1996 Census 9,607 (11.5%) of the 83,225 families in Canberra–Queanbeyan

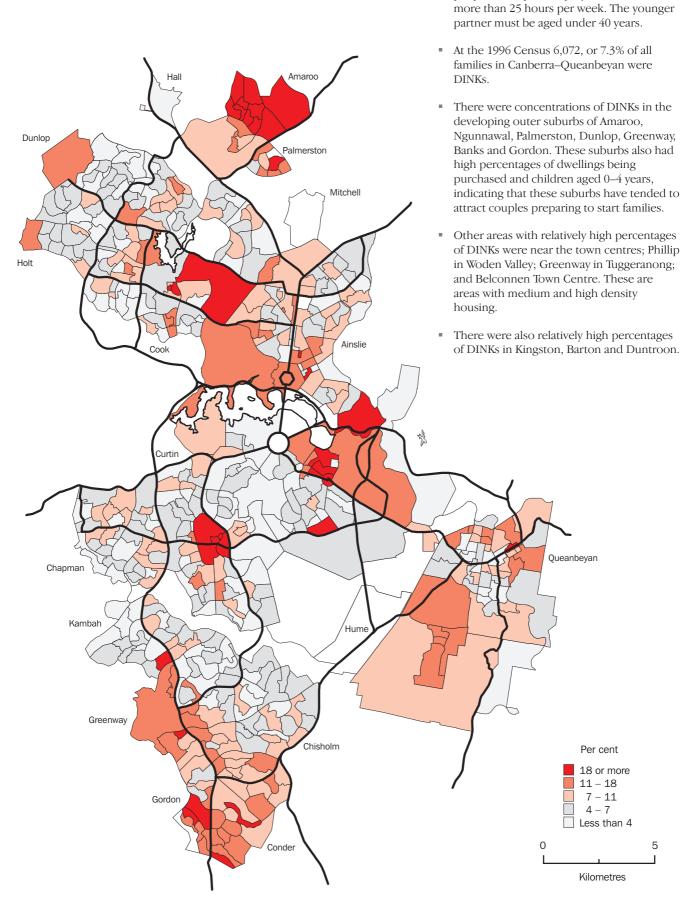
Couples with dependent children

As a percentage of all families



DINKs (double income, no kids)

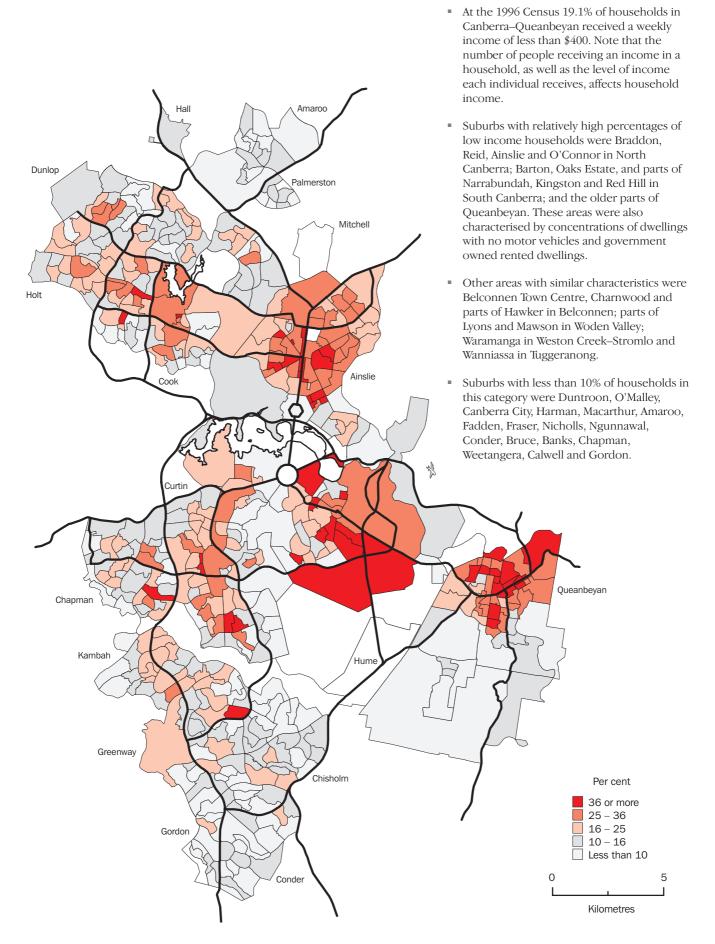
As a percentage of all families



 DINKs are 'couple only' families where both people are in paid employment and work

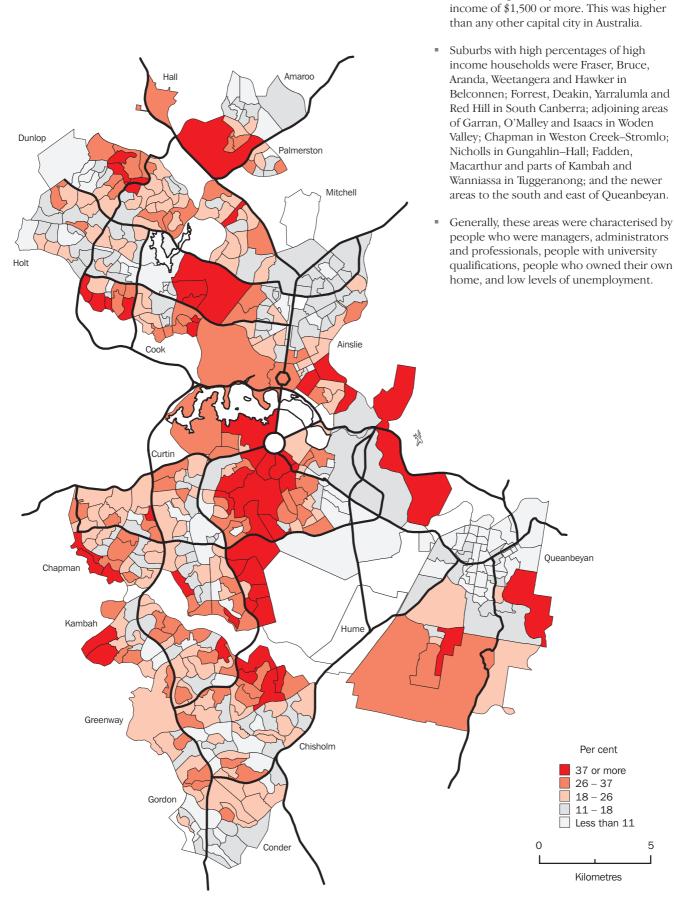
Low income households

Percentage of households with weekly income under \$400



High income households

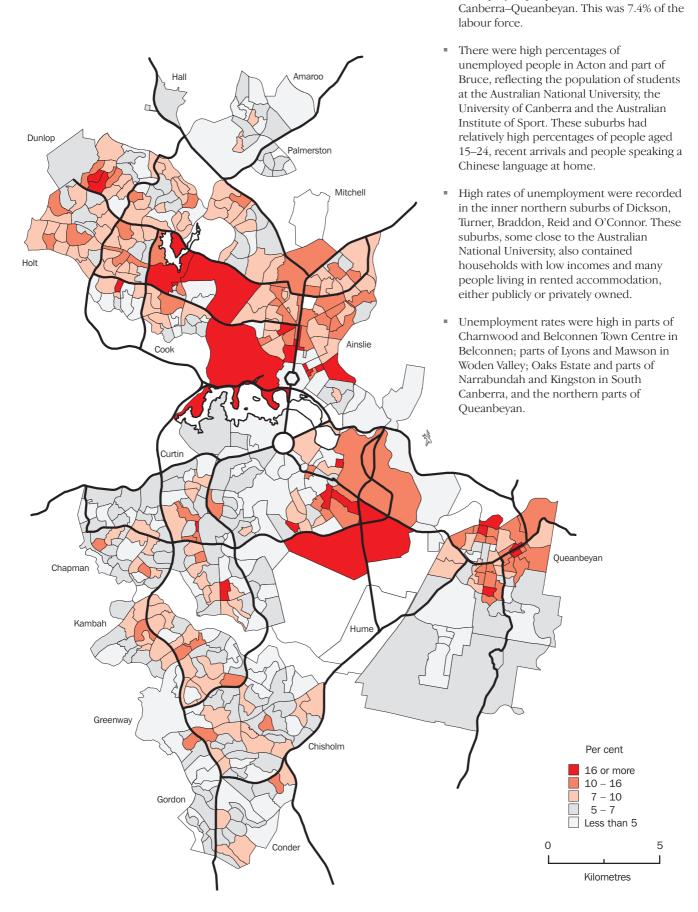
Percentage of households with weekly income of \$1,500 or more



At the 1996 Census 20.3% of households in Canberra–Queanbeyan received a weekly

Unemployed people

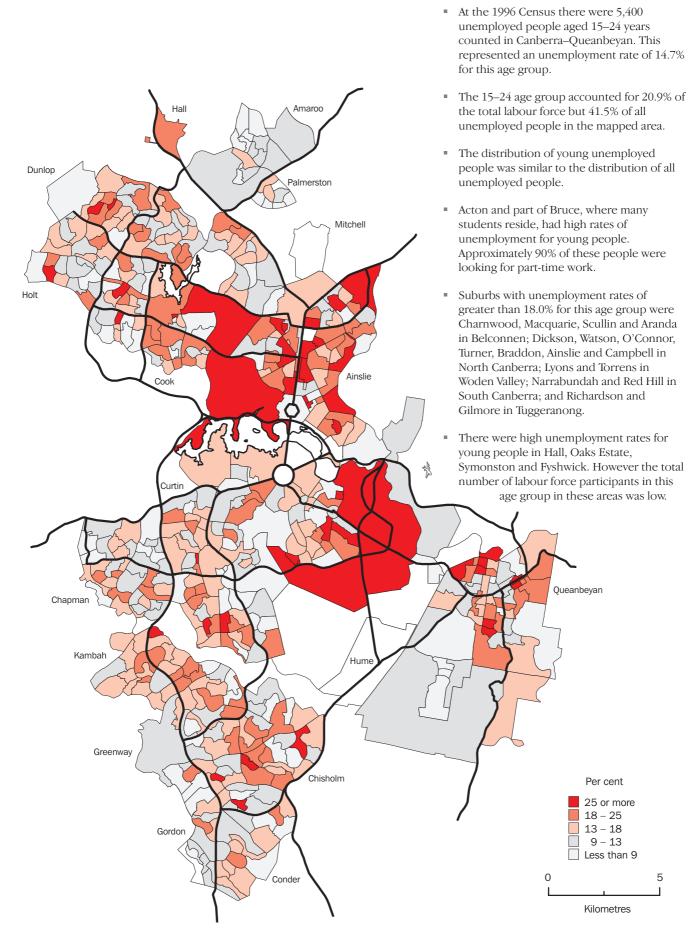
As a percentage of the labour force



At the 1996 Census there were 13,000 unemployed people counted in

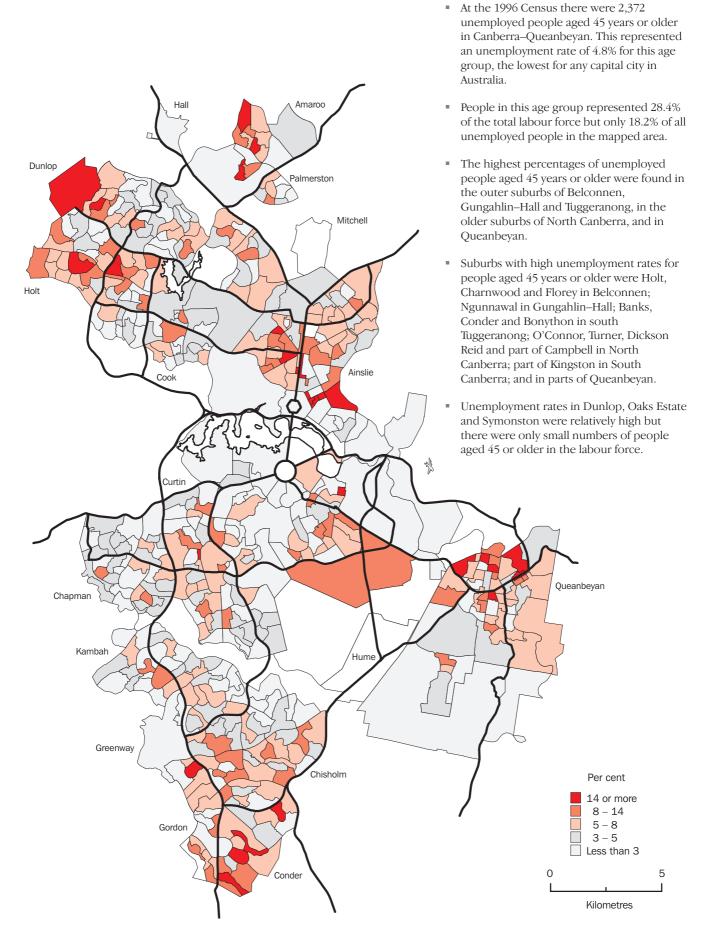
Unemployed people aged 15-24 years

As a percentage of the labour force aged 15-24 years



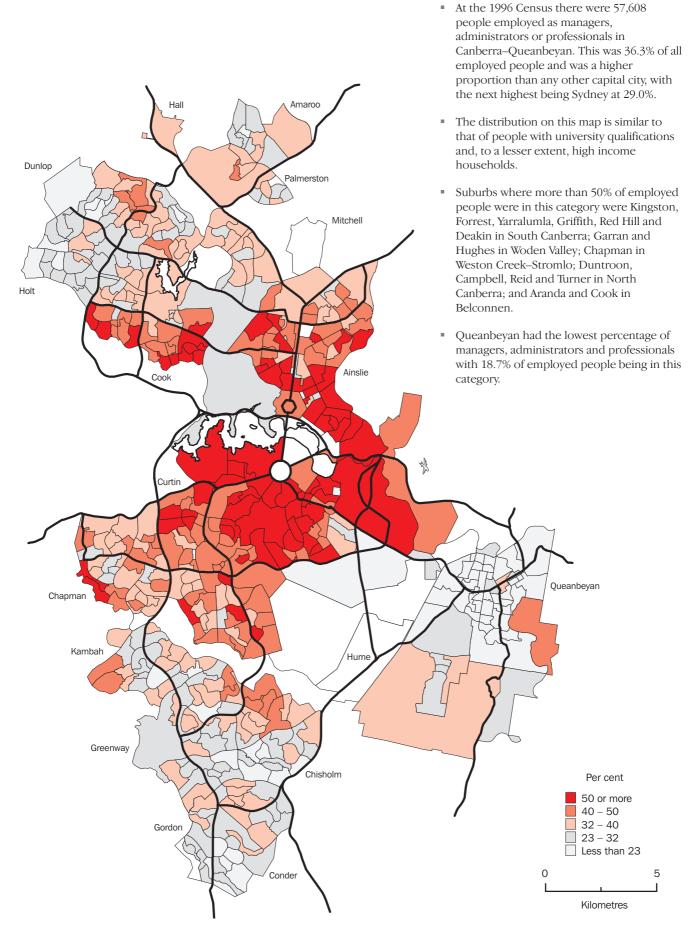
Unemployed people aged 45 years or older

As a percentage of the labour force aged 45 years or older



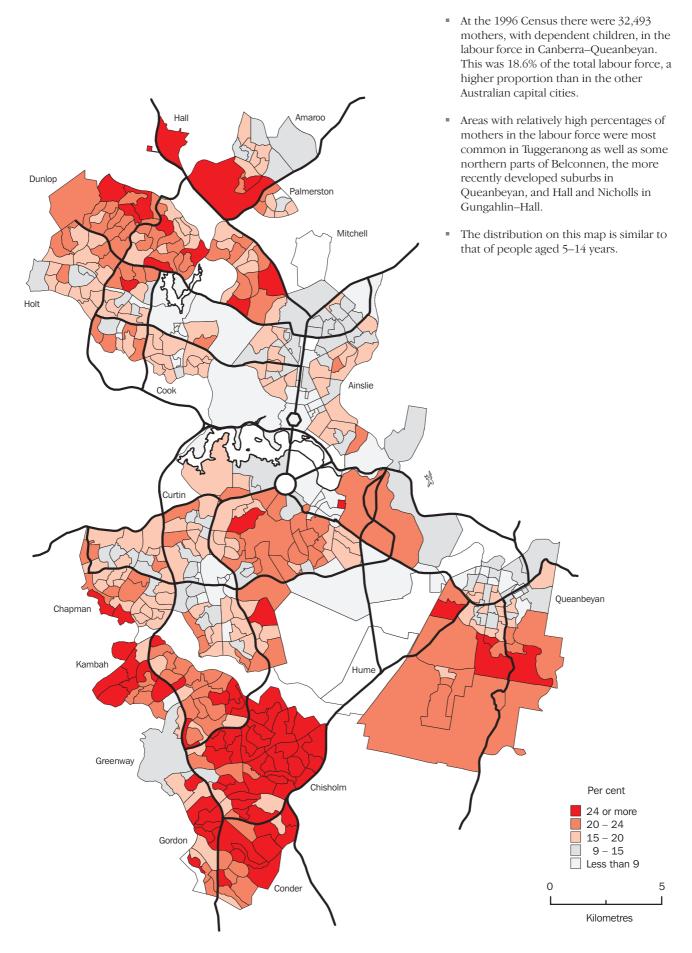
Managers, administrators and professionals

As a percentage of all employed people



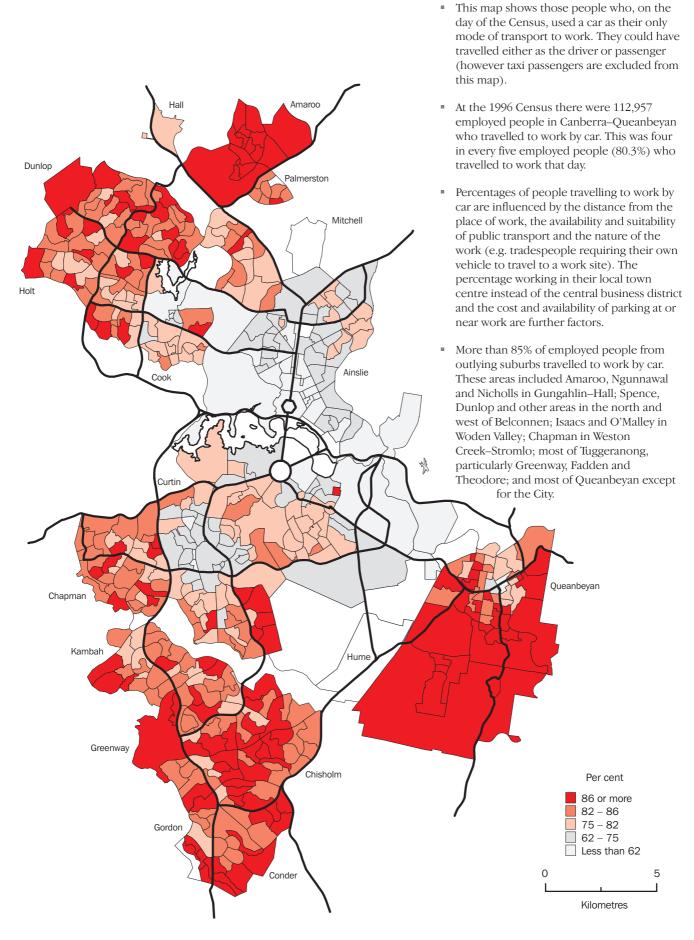
Mothers in the labour force

Females, with dependent children, in the labour force as a percentage of the labour force



People who travelled to work by car

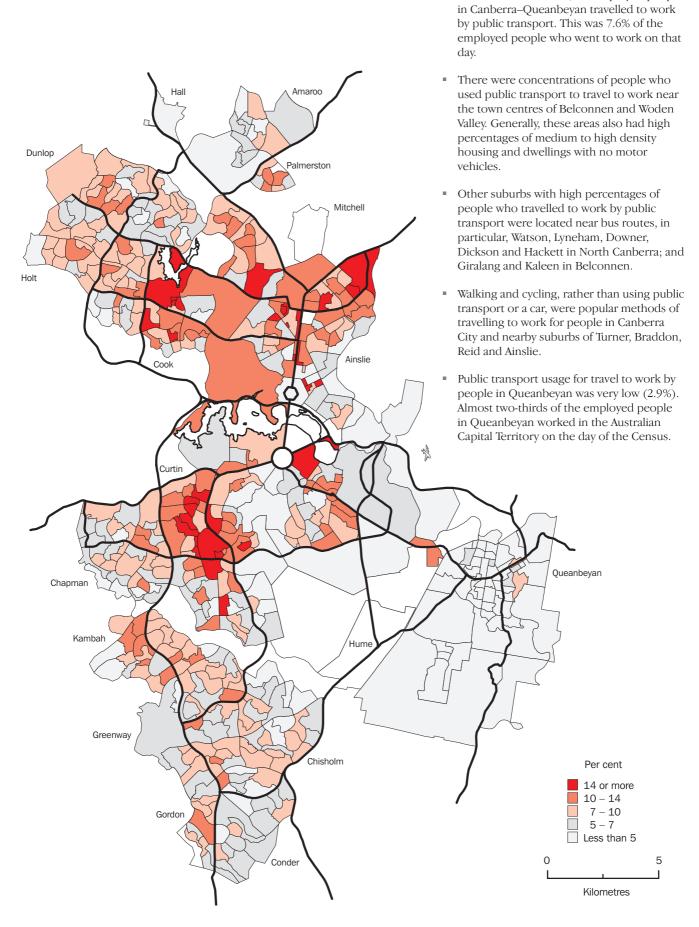
As a percentage of all employed people



People who travelled to work by public transport

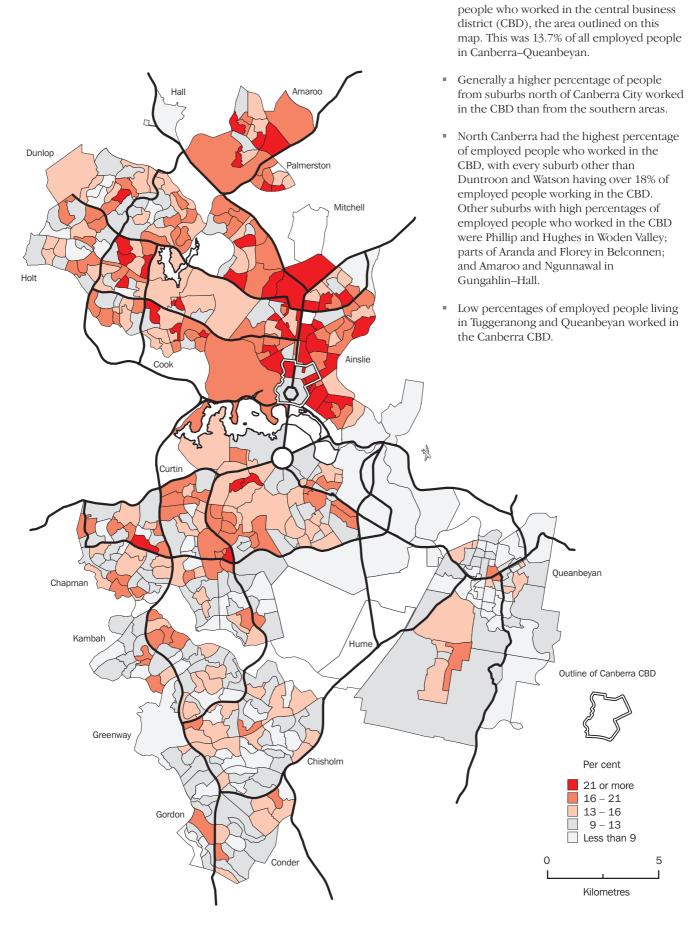
At the 1996 Census 10,703 employed people

As a percentage of all employed people



People who worked in the Canberra CBD

As a percentage of all employed people

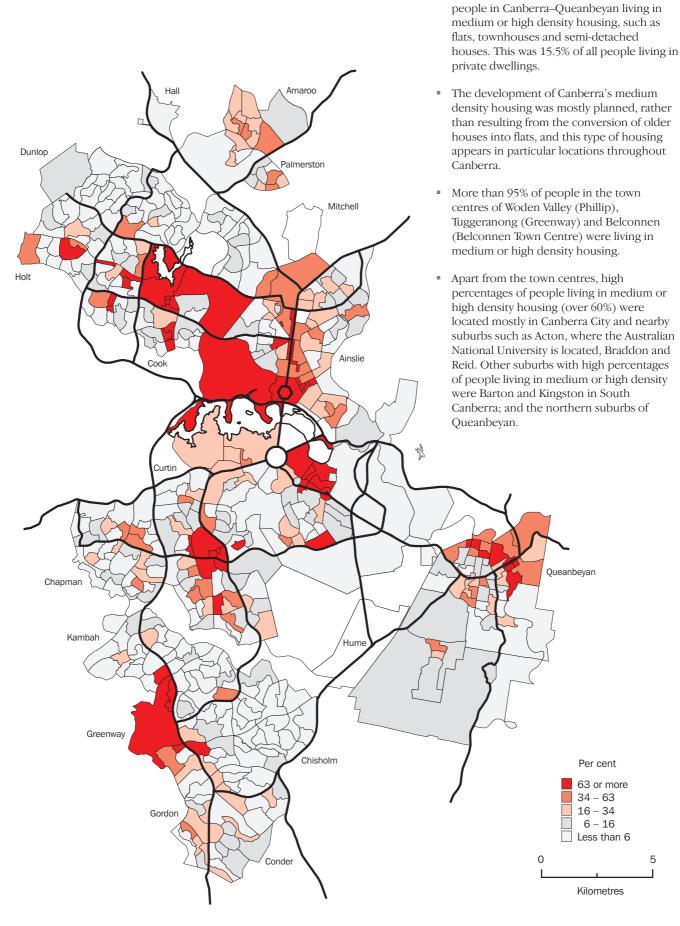


At the 1996 Census there were 20,963

People occupying medium or high density housing

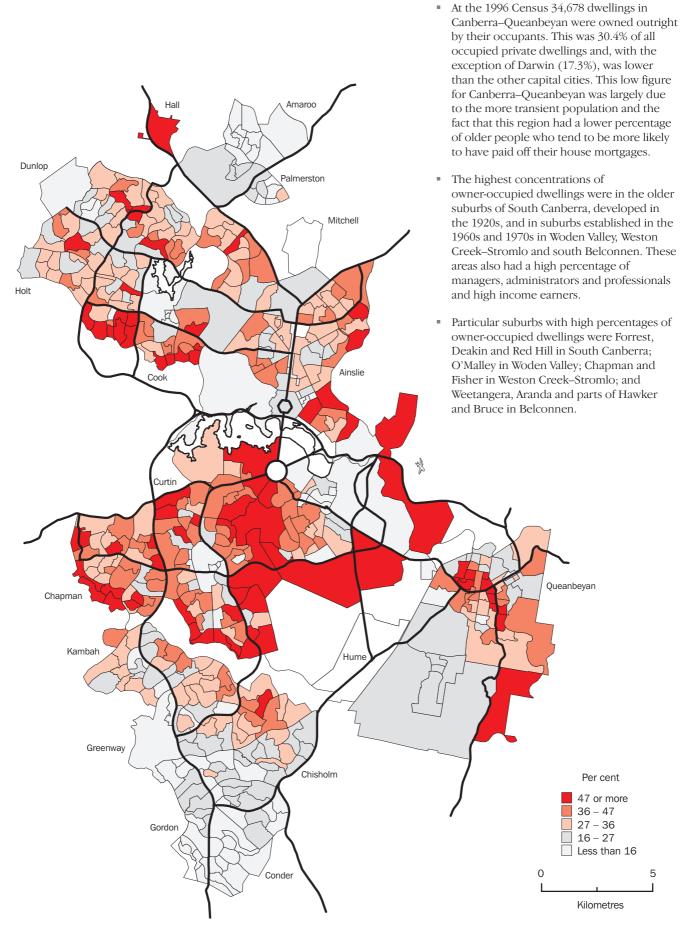
At the 1996 Census there were 48,041

As a percentage of all people living in private dwellings



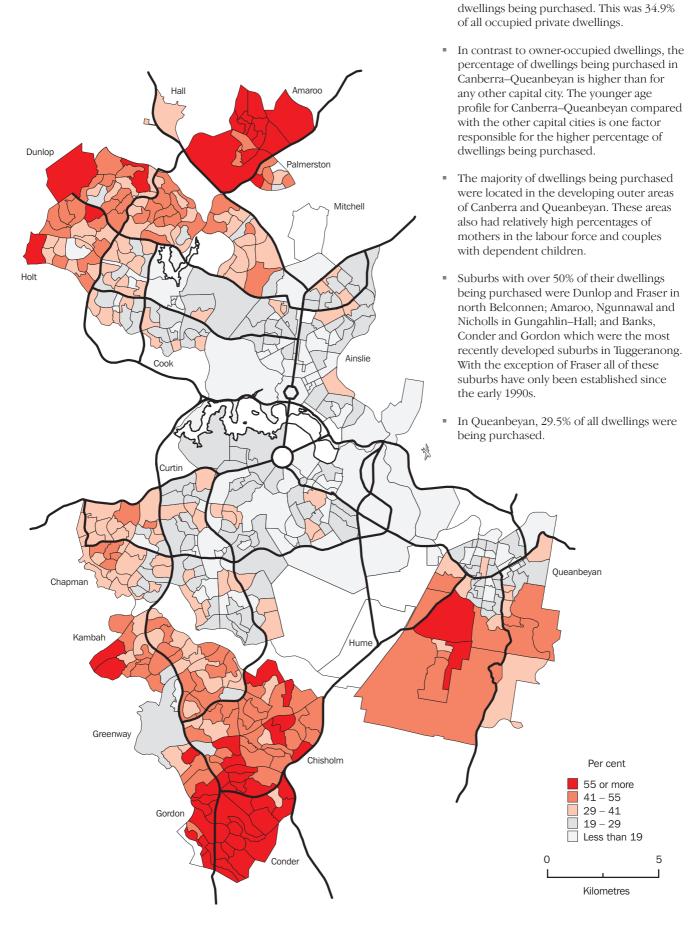
Owner-occupied dwellings

As a percentage of all occupied private dwellings



Dwellings being purchased

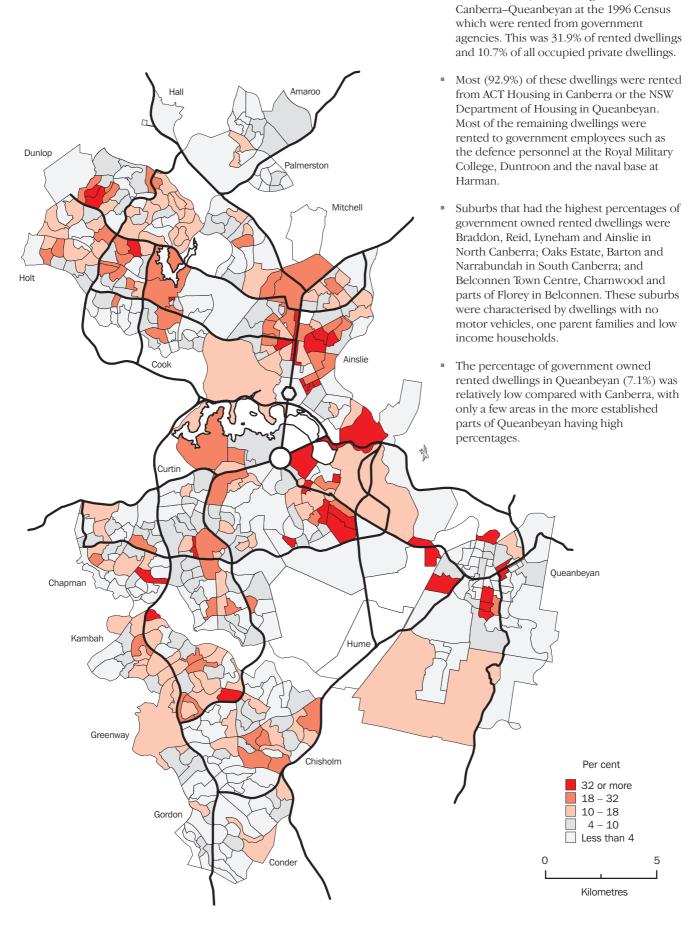
As a percentage of all occupied private dwellings



At the 1996 Census there were 39,783

Rented dwellings — government owned

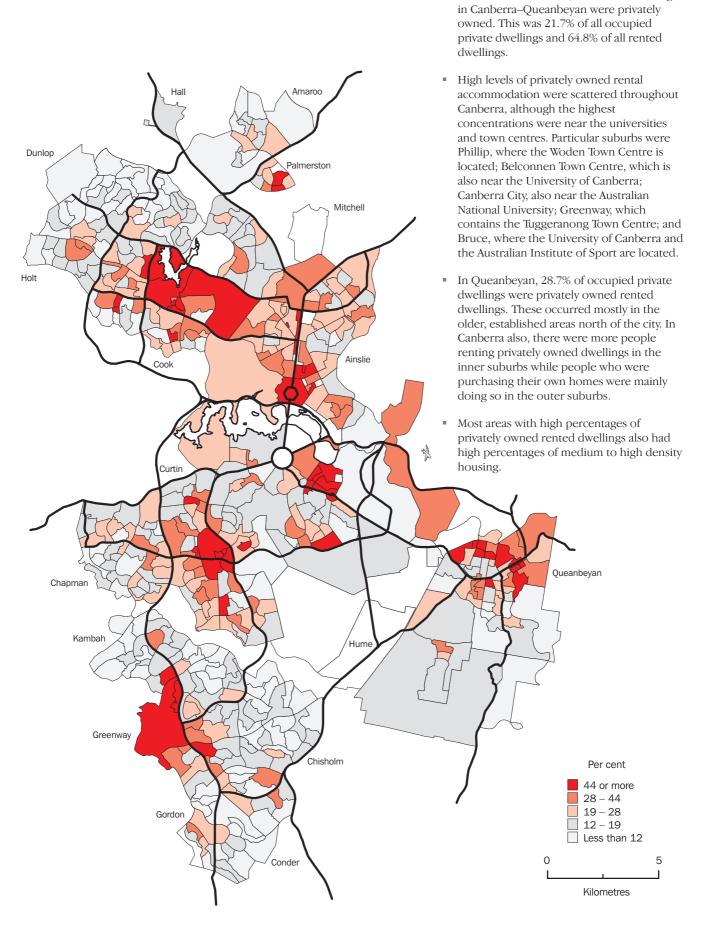
As a percentage of all occupied private dwellings



There were 12,182 dwellings in

Rented dwellings — privately owned

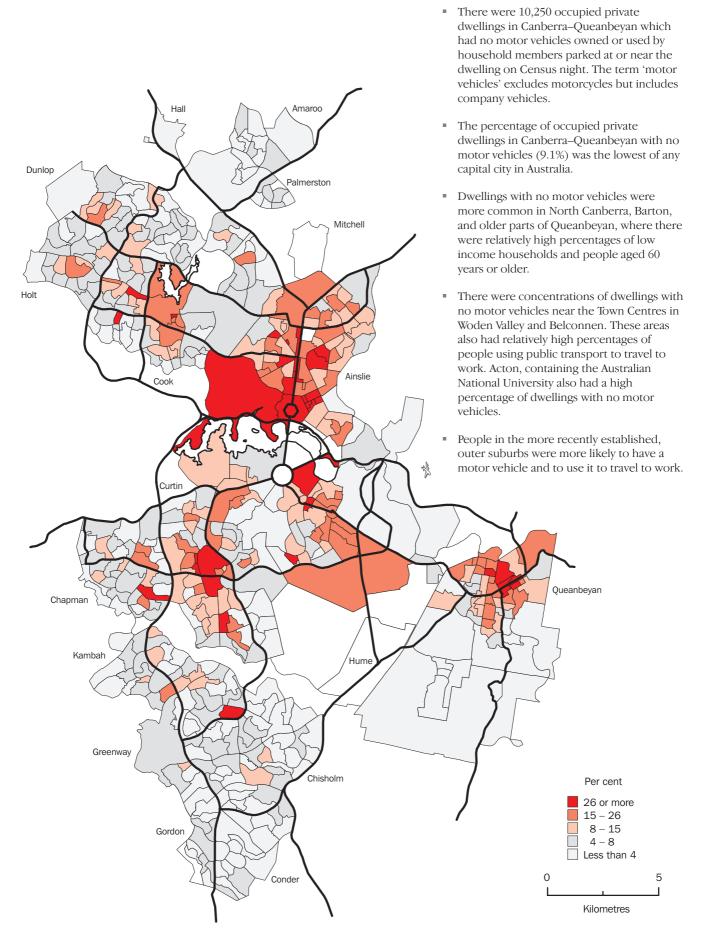
As a percentage of all occupied private dwellings



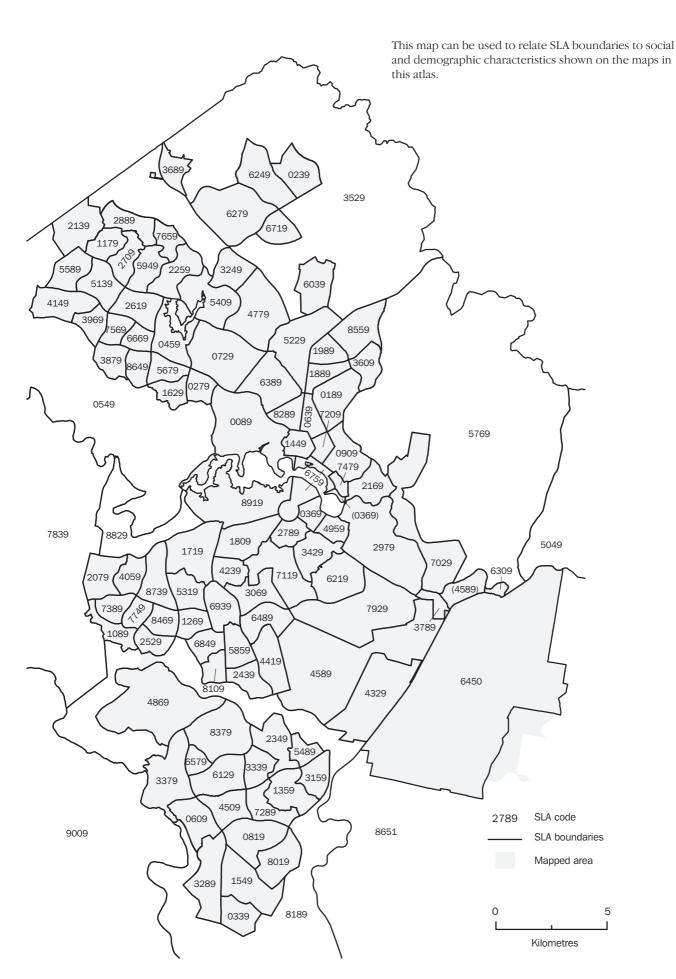
At the 1996 Census 24,695 rented dwellings

Dwellings with no motor vehicles

As a percentage of all occupied private dwellings



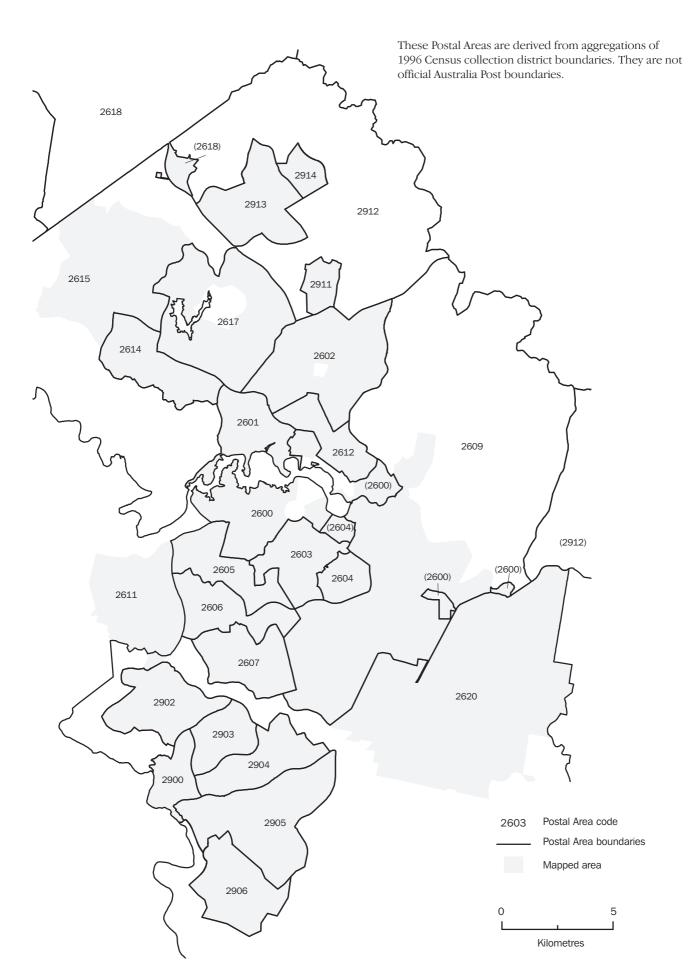
Statistical Local Areas



Statistical Local Areas continued

SLA Code	SLA Name	SLA Code	SLA Name	
0089	Acton	4589	Jerrabomberra	
0189	Ainslie	4779	Kaleen	
0239	Amaroo	4869	Kambah	
0279	Aranda	4959	Kingston (ACT)	
0339	Banks	5049	Kowen	
0369	Barton	5139	Latham	
0459	Belconnen Town Centre	5229	Lyneham	
0549	Belconnen - SSD Bal	5319	Lyons	
0609	Bonython	5409	McKellar	
0639	Braddon	5489	Macarthur	
0729	Bruce	5589	Macgregor	
0819	Calwell	5679	Macquarie	
0909	Campbell	5769	Majura	
1089	Chapman	5859	Mawson	
1179	Charnwood	5949	Melba	
1269	Chifley	6039	Mitchell	
1359	Chisholm	6129	Monash	
1449	City (Canberra)	6219	Narrabundah	
1549	Conder	6249	Ngunnawal	
1629	Cook	6279	Nicholls	
1719	Curtin	6309	Oaks Estate	
1809	Deakin	6389	O'Connor	
1889	Dickson	6450	Queanbeyan (C)	
1989	Downer	6489	O'Malley	
2079	Duffy	6579	Oxley	
2139	Dunlop	6669	Page	
2169	Duntroon	6719	Palmerston	
2259	Evatt	6759	Parkes	
2349	Fadden	6849	Pearce	
2439	Farrer	6939	Phillip	
2529	Fisher	7029	Pialligo	
2619	Florey	7119	Red Hill	
2709	Flynn	7209	Reid	
2789	Forrest	7289	Richardson	
2889	Fraser	7389	Rivett	
2979	Fyshwick	7479	Russell	
3069	Garran	7569	Scullin	
3159	Gilmore	7659	Spence	
3249	Giralang	7749	Stirling	
3289	Gordon	7839	Stromlo	
3339	Gowrie	7929		
		8019	Symonston Theodore	
3379	Greenway		Torrens	
3429	Griffith	8109		
3529	Gungahlin-Hall - SSD Bal	8189	Tuggeranong - SSD Bal	
3609	Hackett	8289	Turner	
3689	Hall	8379	Wanniassa	
3789	Harman	8469	Waramanga	
3879	Hawker	8559	Watson	
3969	Higgins	8649	Weetangera	
4059	Holder	8651	Yarrowlumla (A) - Pt A	
4149	Holt	8739	Weston	
4239	Hughes	8829	Weston Creek-Stromlo - SSD Bal	
4329	Hume	8919	Yarralumla	
4419	Isaacs	9009	Remainder of ACT	
4509	Isabella Plains			

Postal Areas



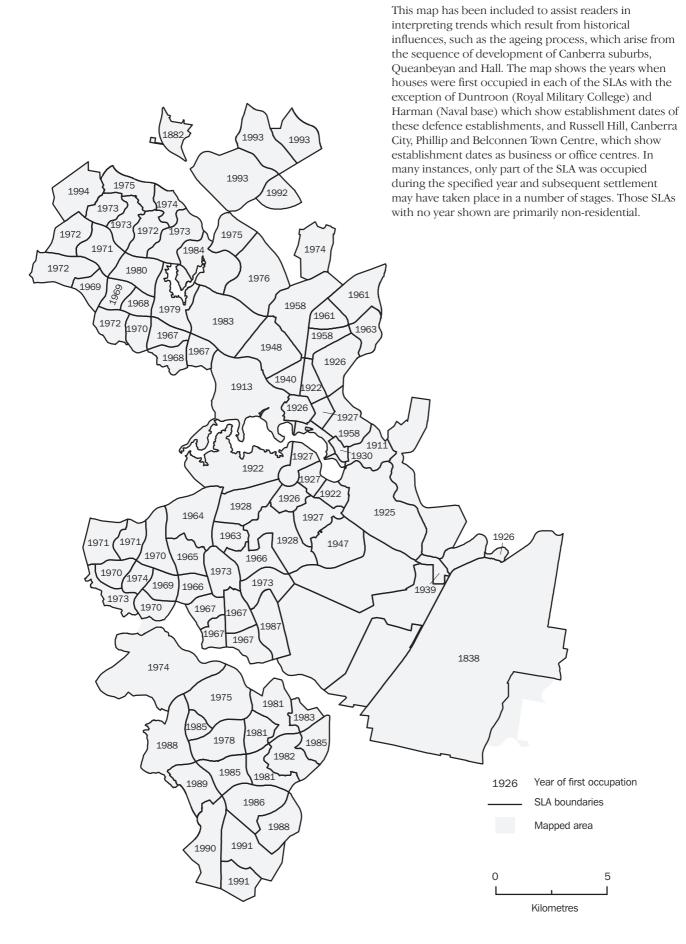
Locations

This map shows selected locations which have been mentioned in the commentaries which accompany the maps in this atlas.



Urban settlement

Year of first settlement for SLAs in Canberra-Queanbeyan



Glossary

This Glossary contains information about some of the terms used in this atlas. More detailed information about these and other census terms can be found in the *1996 Census Dictionary* (Cat. no. 2901.0).

Chinese language

Includes Cantonese, Hakka, Hokkien, Mandarin, Teochew, Wu, Chang Chow, Hunan and Kan.

Collection district (CD)

The smallest geographic area used for collection and dissemination of data from the Census of Population and Housing. In urban areas there are usually between 200 and 300 dwellings in each CD.

CDs are redefined for each census and are current only at census time. For the 1996 Census of Population and Housing there were 34,500 CDs covering the whole of Australia. CDs are amalgamated to form larger geographical areas such as statistical local areas.

Couple

For census purposes, a couple is either married or in a de facto relationship and usually resides in the same household. See also Family.

Dependent children

Children under 15 years of age, or children, in a family, aged 15–24 years who are full-time students and who have no partner or children of their own usually residing in the household. Dependent children include adopted children, step and foster children. See also Family.

DINKs

This acronym stands for 'double income, no kids'. In this atlas, a DINK is defined as a couple with no children present, where both partners are in paid employment more than 25 hours a week and the younger partner is aged under 40 years. See also Family.

Dwelling

A building or structure in which people live. This can be a house, flat, caravan or tent, humpy or park bench. Dwellings are classified as:

- occupied private dwellings;
- unoccupied private dwellings; or
- non-private dwellings.

See also Private dwelling; Non-private dwelling.

Employed persons

People aged 15 years and over who, during the week before census night, worked for payment or profit or as unpaid workers in a family business, or who had a job from which they were on leave or otherwise temporarily absent.

English (proficiency in the language)

People who indicated that they spoke a language other than English at home were asked to state how well they spoke English.

Because of the subjective nature of responses to this question in the Census, data on the levels of proficiency in English of people who speak a language other than English at home should be interpreted with care.

Family

Two or more persons, one of whom is at least 15 years of age, who are related by blood, marriage (registered or de facto), adoption, step or fostering and who are usually resident in the same household.

Household

A group of two or more related or unrelated people who usually reside in the same dwelling and make common provision for food and other essentials for living; or a person living alone.

Household income

Calculated by adding together all the individual incomes reported by household members. See also Income.

Income

People aged 15 years and over were asked to state their usual gross weekly income, which is all income before tax, superannuation, health insurance or other deductions are made. Gross income includes family allowance, family allowance supplement, pensions, unemployment benefits, student allowances, maintenance (child support), superannuation, wages, salary, overtime, dividends, rents received, interest received, business or farm income (less operation expenses) and workers' compensation received.

Labour force

Comprises people aged 15 years and over who worked for payment or profit, or as unpaid workers in a family business, during the week prior to census night; had a job from which they were on leave or otherwise temporarily absent; were on strike or stood down temporarily; or did not have a job but were actively looking for and available to start work.

Managers, administrators and professionals

These definitions follow the Australian Standard Classification of Occupations. *Managers and administrators* head government, industrial, agricultural, commercial and other establishments, organisations or departments within such organisations. They determine the policy of the establishment, organisation or department, and direct and coordinate its functioning, usually through subordinate managers. *Professionals* perform analytical, conceptual and creative tasks requiring a high level of intellectual ability and thorough understanding of an extensive body of theoretical knowledge. See also Occupation.

Medium or high density housing

Comprises semi-detached houses, row or terrace houses, villa units, townhouses, flats, home units and apartments.

Non-private dwelling

This is an establishment which provides a communal or transitory type of accommodation e.g. hotel, motel, prison, religious or charitable institution, defence establishment or hospital. Cared accommodation in retirement villages is included. See also Private dwelling.

Northeast Asia

Includes China, Taiwan, Hong Kong, Japan, Democratic People's Republic of Korea, Republic of Korea, Macau and Mongolia.

Occupation

The ABS uses the Australian Standard Classification of Occupations to group employed people into occupations according to the set of tasks that is performed in their jobs. Occupation is collected in the Census for all employed people aged 15 years and over.

Occupied dwelling

Premises occupied by the household on census night. See also Private dwelling.

One parent family

Consists of a lone parent with at least one dependent child who is usually resident in the family household. The family may also include any number of other related individuals e.g. a sister of the lone parent. See also Family.

Owner-occupied dwellings

A dwelling owned and occupied by a usual resident of the household. This category excludes those dwellings being purchased and those occupied under a life tenure scheme. See also Dwelling.

Private dwelling

Usually a house, flat or part of a house, but can also be a house attached to, or rooms above, shops or offices; an occupied caravan in a caravan park or on a residential allotment; a craft in a marina; a houseboat; or a tent if it is standing on its own block of land. Manufactured home estates and self-care units for the retired or aged are also treated as private dwellings. See also Non-private dwelling.

Public transport This mode of travel to work is defined as travelling to work by train, bus, ferry or tram. It

excludes travelling to work by car or taxi.

Qualifications The highest level of qualification that the person has obtained since leaving school.

University qualifications include bachelor degrees, higher degrees and postgraduate diplomas. The trade qualifications category refers to people holding a skilled vocational qualification. The 'People without qualifications' map includes a small number of people who have a qualification that is out of scope of the ABS Classification of Qualifications.

Rented dwellings Households were asked whether they rented, owned or were purchasing the dwelling in

which they were counted on census night. Households who were renting were also

asked who they were renting from.

Southeast Asia Includes Brunei, Cambodia, Indonesia, Laos, Malaysia, Burma (Myanmar), Philippines,

Singapore, Thailand and Viet Nam.

Southern Asia Includes Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

Southern Europe Includes Albania, Andorra, Cyprus, Gibraltar, Greece, Holy See, Italy, Malta, Portugal, San

Marino, Spain, Bosnia-Herzegovina, Croatia, Former Yugoslav Republic of Macedonia,

Slovenia and Former Yugoslav Republics of Serbia and Montenegro.

Statistical local area (SLA) Consists of one or more collection districts. In aggregate, SLAs cover the whole of

Australia without gaps or overlaps. They consist of a single local government area, or part

thereof, or any unincorporated area.

Unemployed persons For 1996 Census purposes, unemployed people are defined as those people aged

15 years and over who, in the week prior to census night, did not have a job but were

actively looking for and available to start work.