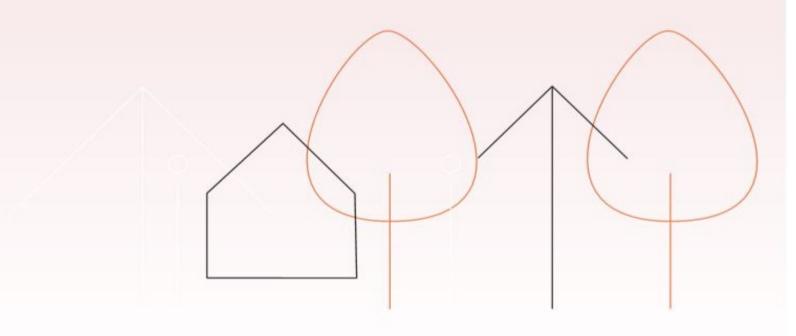
# Western Australia Parliamentary Library 2016 Census Results

2016 Census Results Warnbro (2021)

Comparison year: 2011

Benchmark area: Greater Perth

# community profile







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# Welcome to the Western Australia Parliamentary Library **Electorate Profiles**

This site provides census data based on the 2015 electorate boundaries plus those resulting from the 2019 electoral boundary re-distribution (Western Australian Electoral Distribution – Final Boundaries) which come into effect at the next General State Election due March 2021; the new areas are designated with '2021' after the name.

The Western Australia Parliamentary Library Electorate Profiles provides demographic analysis for the State and smaller areas within it based on results from the 2016 and 2011 Censuses of Population and Housing. The profile is updated with population estimates when the Australian Bureau of Statistics (ABS) releases new figures.

Population

2,621,509

**ABS ERP 2019** 

Land area

253,151,440

ha (2,531,514 Km<sup>2</sup>)

Population density

0.01

persons per hectare



Page 1 of 140



Compiled and presented in profile.id by .id, the population experts.

News more >

#### **Vulnerable communities assessment**

Case study.

15 April 2020

#### Austalia's fastest growing areas

Insights from the latest ABS population figures.

30 March 2020

#### **Charting vulnerabilty**

Understand vulnerable communities across LGAs.

19 March 2020

#### **Covid-19 support**

How we can help you during the Covid-19 response period.

17 March 2020

## Population highlights

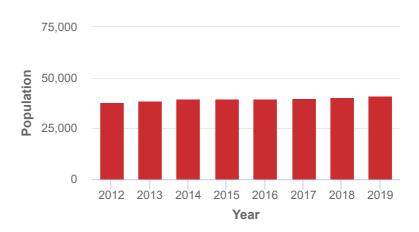
**Population** 

49,154

ERP, 2019

▲ Grown by 655 from the previous year.

# Estimated Resident Population Warnbro (2021)



Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented by .id the population experts

# Warnbro (2021) 2016

- ◆ No significant change since previous Census (less than +/-0.5%) ▲ Increased since previous Census
- ▼ Decreased since previous Census

Aboriginal and Torres Strait Islander Population

2.2% (0.5%)

Greater Perth	1.6% 💠
WA	3.1% 💠
Australia	2.8% •

Couples with children

42% (-2%)

Greater Perth 32% ▲ WA 31% ↔ Australia 30% ↔

Older couples without children

**7%** •• (0.2%)

Greater Perth 9% ▲
WA 9% ▲
Australia 10% ▲

#### Lone person households

14% (0.9%)

Greater Perth 22% ▼
WA 22% ◆
Australia 23% ◆

# Medium and high density Housing

**5%** (2.4%)

Greater Perth 25% ▲ WA 21% ▲ Australia 27% ▲

# Median weekly household income

\$1,768 (\$112)

Greater Perth \$1,636 ▲
WA \$1,582 ▲
Australia \$1,431 ▲

# Median weekly mortgage repayment

\$457

Greater Perth \$467 ▲
WA \$457 ▲
Australia \$409 ▲

#### Median weekly rent

\$371

Greater Perth \$372 ▲
WA \$348 ▲
Australia \$339 ▲

#### Households renting

23% (-3.5%)

Greater Perth 26% ▼
WA 27% ▼
Australia 29% ▲

# Households with a mortgage

52% <sub>(2.2%)</sub>

Greater Perth 40% ▲ WA 37% ▲ Australia 32% ▼

#### Overseas born

31% (0.2%)

Greater Perth 36% ▲
WA 32% ▲
Australia 26% ▲

# Language at home other than English

6% <sub>(1%)</sub>

Greater Perth 20% ▲ WA 18% ▲ Australia 21% ▲

#### **University attendance**

3% (0.4%)

Greater Perth 5% ↔ WA 4% ↔ Australia 5% ▲

#### **University qualification**

11% (2.1%)

Greater Perth 23% ▲ WA 21% ▲ Australia 22% ▲

# Trade qualification (certificate)

28% (2%)

Greater Perth 19% ▲
WA 20% ▲
Australia 19% ▲

**Unemployment rate** 

10.0% (4.1%)

Greater Perth 8.1% ▲
WA 7.8% ▲
Australia 6.9% ▲

Participation rate (population in labour force)

67% **v** (-1.1%)

Greater Perth 64% ▼
WA 63% ▼
Australia 60% ▼

**Public transport (to work)** 

12% (3%)

Greater Perth 10% ↔ WA 9% ↔ Australia 11% ▲

SEIFA index of disadvantage 2016

1013

Greater Perth 1026 ▲
WA 1015 ▲
Australia 1002 ▲

Median age

**36** •• (0)

WA 36 •• Australia 38 •

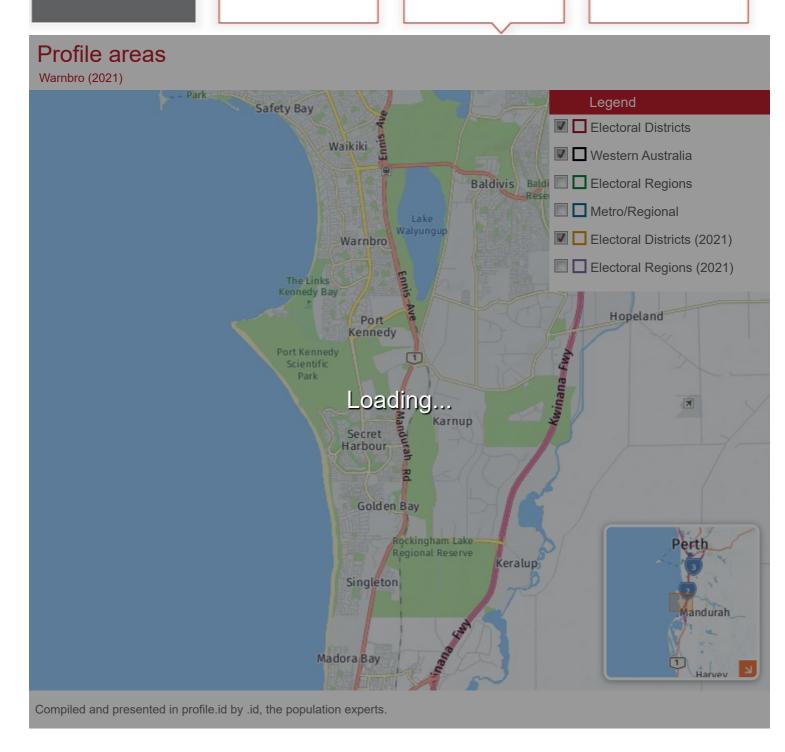
# Warnbro (2021) About the profile areas

Important
Statistics

Population 49,154 2019 ABS ERP

**Land area 9,282** ha (93 Km²)

Population density
5.30
persons per hectare



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## Population and dwellings

There are a number of different ways of measuring the population of an area, all of which give an insight into the size of the place and its rate of growth over different time periods. The Census counts people where they are on the night of the Census (enumerated population) and also by where they usually live (usual residence). Both these populations are useful and form the basis for a range of characteristics collected in the Census.

However, the most accurate count of the total population is Estimated Resident Population, which factors in an estimate of those missed in the Census and those who were overseas on Census night. It is usually higher than either Census count, and is also updated annually after the Census, providing preliminary estimates for up to 5 years.

This page provides the three population counts for Warnbro (2021) at the last Census, with comparisons to previous Census years for the Census counts only. The current estimate for Warnbro (2021) at the most recent year available is shown at the top of the page. This figure is a preliminary estimate only and is subject to review after the next Census data are released. Please use with caution.

Also included are a range of sub-population groups and key statistics from the Census (usual resident) population, such as citizens, employed persons and Indigenous population.

These figures all provide the context for the size of the population and growth rate within Warnbro (2021) and should be looked at in conjunction with other basic demographic information, such as Age Structure, Dwelling Type and Household Size.

The data on this page are sourced from a variety of different tables and designed to give a range of population and dwelling numbers for the area.

#### **Population**

Warnbro (2021) - Total persons	2016				Change		
Population	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Estimated Resident Population	47,146						
Enumerated Population	44,052			40,781			+3,272
Usual Resident Population	45,812			42,093			+3,719

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented in profile.id by <u>.id</u>, the population experts.

## Selected subpopulation categories

Warnbro (2021) - Total people (Usual residence)	2016				Change		
Population group	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Males	22,775	49.7	49.6	21,080	50.1	49.6	+1,695
Females	23,036	50.3	50.4	21,013	49.9	50.4	+2,023
Aboriginal and Torres Strait Islander population	1,011	2.2	1.6	738	1.8	1.6	+273
Australian citizens	72,720	158.7	78.3	33,605	79.8	80.0	+39,115
Eligible voters (citizens aged 18+)	50,481	110.2	59.1	22,490	53.4	60.6	+27,991
Population over 15	34,593	75.5	80.9	31,059	73.8	80.8	+3,534
Employed Population	20,750	90.0	91.9	19,810	94.1	95.2	+940
Overseas visitors (enumerated)	223			173			+50

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016 (Usual residence). Compiled and presented in profile.id by .id , the population experts.

Please refer to specific data notes for more information

## **Dwellings**

Warnbro (2021) - Households (Enumerated)	2016				Change		
Dwellings	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total dwellings	16,943	100.0	100.0	15,237	100.0	100.0	+1,706
Occupied private dwellings	15,248	90.0	89.4	13,831	90.8	90.8	+1,417
Population in non-private dwellings	168			159			+9
Average household size (persons per dwelling)	2.89		2.55	2.95		2.55	-0.06

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016 (Enumerated). Compiled and presented in profile.id by .id , the population experts.

<sup>\*</sup>Note that this is an estimate based on ERP at the SA1 level. It is subject to review after the next Census data release and may not match .id's population forecasts.

## Estimated Resident Population (ERP)

The Estimated Resident Population (ERP) is the Australian Bureau of Statistics' official 2019 population figure for all Local Government Areas (LGAs) - but is subject to review after the next Census release. For areas smaller than LGAs, the ERP is derived from SA1 geographies based on population distribution from the previous Census. As such, these smaller geographies are subject to a greater level of revision each Census due to the change in actual numbers and in population distributions.

Populations are counted and estimated in various ways. The most comprehensive population count available in Australia is derived from the Census of Population and Housing conducted by the Australian Bureau of Statistics every five years. However the Census count is generally an under-estimate of the actual population, due to people missed in the Census and people overseas on Census night. To provide a more accurate population figure more frequently, the ABS also produces ERP numbers.

See data notes for a detailed explanation of different population types, how they are calculated and when to use each one.

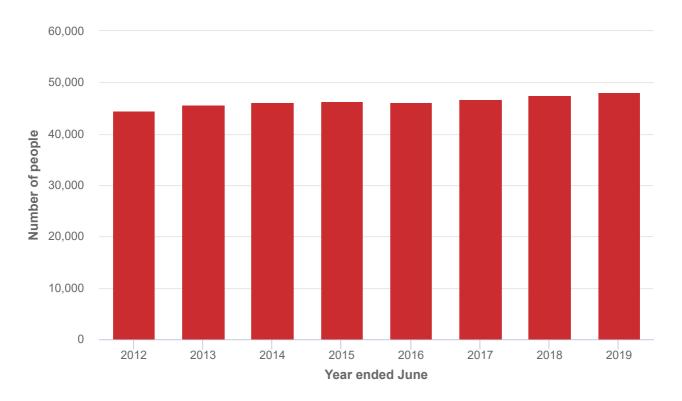
## Estimated Resident Population (ERP)

Year (ending June 30)	Number	Change in number	Change in percent	Greater Perth change in percent
2012	45,411			
2013	46,574	+1,163	+2.56	+2.89
2014	47,122	+548	+1.18	+1.53
2015	47,291	+169	+0.36	+1.19
2016	47,146	-145	-0.31	+0.86
2017	47,631	+485	+1.03	+0.92
2018	48,499	+868	+1.82	+1.01
2019	49,154	+655	+1.35	+1.33

Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented in profile.id by <u>.id</u>, the population experts.

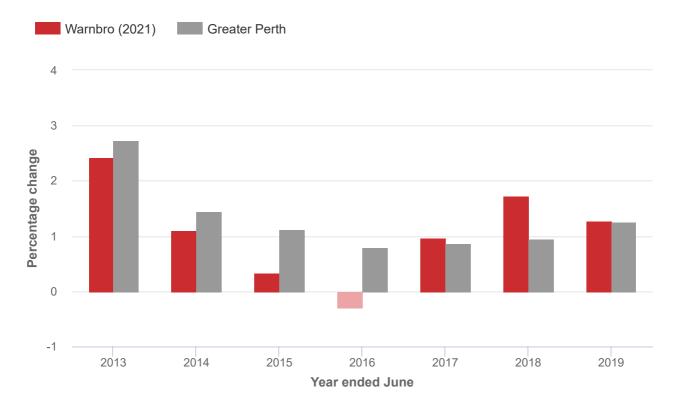
#### **Estimated Resident Population (ERP)**

Warnbro (2021)



Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented by .id the population experts

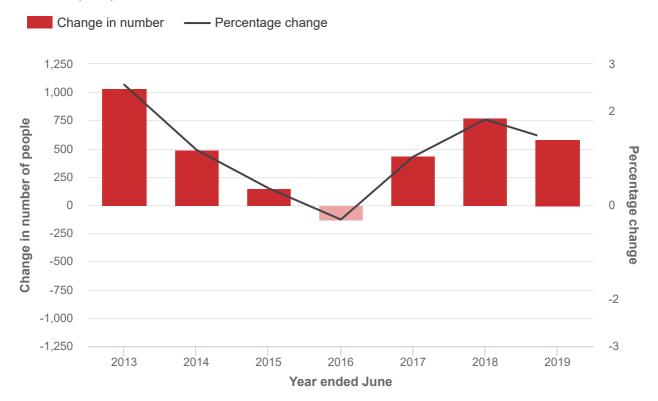
# Percentage change in ERP - Warnbro (2021) compared to Greater Perth



Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented by .id the population experts

# Annual change in Estimated Resident Population (ERP)

Warnbro (2021)



Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented by .id the population experts

## Service age groups

The Age Structure of Warnbro (2021) provides key insights into the level of demand for age based services and facilities such as child care. It is an indicator of Warnbro (2021)'s residential role and function and how it is likely to change in the future.

Service age groups divide the population into age categories that reflect typical life-stages. They indicate the level of demand for services that target people at different stages in life and how that demand is changing.

To get a more complete picture Warnbro (2021)'s Age Structure should be viewed in conjunction with **Household Types** and **Dwelling Types**.

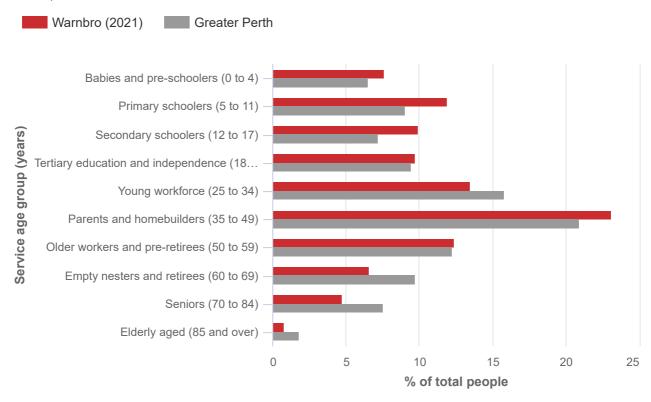
## Age structure - Service age groups

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Service age group (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Babies and pre-schoolers (0 to 4)	3,466	7.6	6.5	3,664	8.7	6.6	-199
Primary schoolers (5 to 11)	5,449	11.9	9.0	5,181	12.3	8.7	+268
Secondary schoolers (12 to 17)	4,548	9.9	7.2	4,673	11.1	7.9	-125
Tertiary education and independence (18 to 24)	4,447	9.7	9.4	4,058	9.6	10.2	+389
Young workforce (25 to 34)	6,159	13.4	15.8	5,445	12.9	14.7	+713
Parents and homebuilders (35 to 49)	10,562	23.1	20.9	10,687	25.4	21.6	-125
Older workers and pre-retirees (50 to 59)	5,667	12.4	12.2	4,057	9.6	12.4	+1,610
Empty nesters and retirees (60 to 69)	2,998	6.5	9.7	2,543	6.0	9.2	+455
Seniors (70 to 84)	2,169	4.7	7.5	1,598	3.8	7.0	+570
Elderly aged (85 and over)	349	0.8	1.8	183	0.4	1.6	+166
Total	45,814	100.0	100.0	42,093	100.0	100.0	+3,721

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

#### Age structure - service age groups, 2016

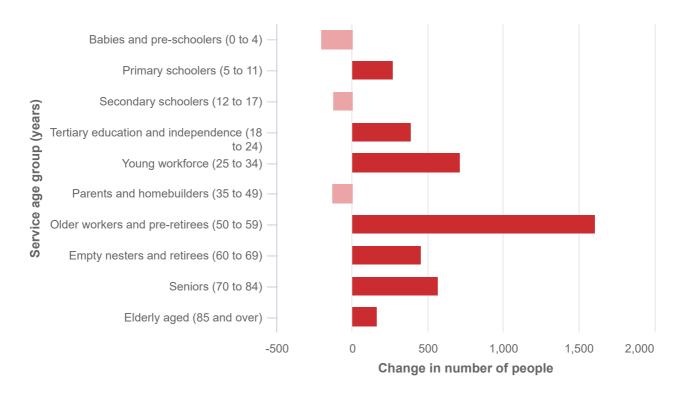
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in age structure - service age groups, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### **Dominant groups**

Analysis of the service age groups of Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people in the younger age groups (0 to 17 years) and a lower proportion of people in the older age groups (60+ years).

Overall, 29.4% of the population was aged between 0 and 17, and 12.0% were aged 60 years and over, compared with 22.7% and 19.0% respectively for Greater Perth.

#### The major differences between the age structure of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of 'Primary schoolers' (11.9% compared to 9.0%)
- A *larger* percentage of 'Secondary schoolers' (9.9% compared to 7.2%)
- A *smaller* percentage of 'Empty nesters and retirees' (6.5% compared to 9.7%)
- A *smaller* percentage of 'Seniors' (4.7% compared to 7.5%)

## **Emerging groups**

From 2011 to 2016, Warnbro (2021)'s population increased by 3,721 people (8.8%). This represents an average annual population change of 1.71% per year over the period.

#### The largest changes in the age structure in this area between 2011 and 2016 were in the age groups:

- Older workers and pre-retirees (50 to 59) (+1,610 people)
- Young workforce (25 to 34) (+713 people)
- Seniors (70 to 84) (+570 people)
- Empty nesters and retirees (60 to 69) (+455 people)

## Five year age groups

The Age Structure of Warnbro (2021) provides key insights into the level of demand for age based services and facilities such as child care. It is also an indicator of Warnbro (2021)'s residential role and function and how it is likely to change in the future.

Five year age groups present a classic age profile of the population. Each age group covers exactly five years, which enables direct comparison between each group.

To get a more complete picture Warnbro (2021)'s Age Structure should be viewed in conjunction with **Household** Types and Dwelling Types.

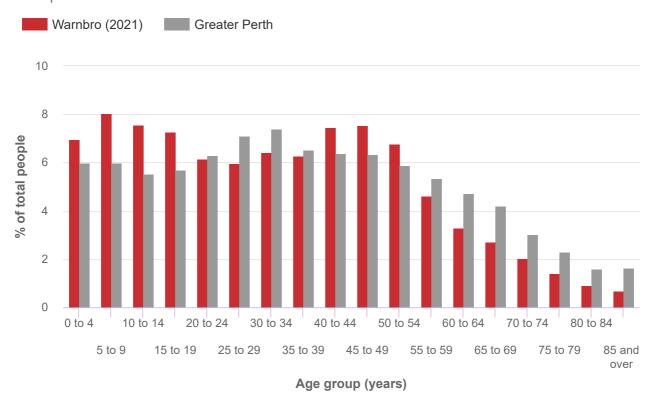
## Age structure - Five year age groups

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Five year age groups (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
0 to 4	3,466	7.6	6.5	3,664	8.7	6.6	-199
5 to 9	3,987	8.7	6.5	3,664	8.7	6.2	+323
10 to 14	3,772	8.2	6.0	3,861	9.2	6.4	-90
15 to 19	3,621	7.9	6.2	3,727	8.9	6.8	-107
20 to 24	3,068	6.7	6.9	2,659	6.3	7.5	+409
25 to 29	2,957	6.5	7.7	2,599	6.2	7.7	+357
30 to 34	3,202	7.0	8.0	2,846	6.8	7.0	+356
35 to 39	3,119	6.8	7.1	3,417	8.1	7.2	-298
40 to 44	3,707	8.1	6.9	3,740	8.9	7.4	-34
45 to 49	3,739	8.2	6.9	3,529	8.4	7.1	+210
50 to 54	3,370	7.4	6.4	2,365	5.6	6.5	+1,004
55 to 59	2,293	5.0	5.8	1,691	4.0	5.8	+602
60 to 64	1,636	3.6	5.1	1,477	3.5	5.3	+159
65 to 69	1,359	3.0	4.6	1,065	2.5	3.8	+293
70 to 74	1,004	2.2	3.3	743	1.8	3.0	+261
75 to 79	702	1.5	2.5	519	1.2	2.3	+183
80 to 84	461	1.0	1.7	336	0.8	1.8	+125
85 and over	349	0.8	1.8	183	0.4	1.6	+166
Total population	45,812	100.0	100.0	42,093	100.0	100.0	+3,719

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

## Age structure - five year age groups, 2016

Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in age structure - five year age groups, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

### **Dominant groups**

Analysis of the five year age groups of Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people in the younger age groups (under 15) and a lower proportion of people in the older age groups (65+).

Overall, 24.5% of the population was aged between 0 and 15, and 8.5% were aged 65 years and over, compared with 19.1% and 13.8% respectively for Greater Perth.

#### The major differences between the age structure of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons aged 10 to 14 (8.2% compared to 6.0%)
- A larger percentage of persons aged 5 to 9 (8.7% compared to 6.5%)
- A *larger* percentage of persons aged 15 to 19 (7.9% compared to 6.2%)
- A *smaller* percentage of persons aged 65 to 69 (3.0% compared to 4.6%)

## **Emerging groups**

From 2011 to 2016, Warnbro (2021)'s population increased by 3,719 people (8.8%). This represents an average annual population change of 1.71% per year over the period.

#### The largest changes in age structure in this area between 2011 and 2016 were in the age groups:

- 50 to 54 (+1,004 persons)
- 55 to 59 (+602 persons)
- 20 to 24 (+409 persons)
- 25 to 29 (+357 persons)

## Ancestry

Ancestry defines the cultural association and ethnic background of an individual going back three generations. Ancestry is a good measure of the total size of cultural groups in Warnbro (2021) regardless of where they were born or what language they speak.

Ancestry data, should be combined with data on Birthplace, Language Spoken at Home and Religion for a more complete picture of Warnbro (2021)'s ethnic characteristics.

Please note that the "Australian Aboriginal" and "Torres Strait Islander" categories in this topic are not considered to be a reliable estimate of the indigenous peoples of Australia. For information on this group, please use the "Aboriginal and Torres Strait Islander Population" found on the **Population** page.

Please note: Due to changes in ABS rules around perturbation and additivity of data to protect the confidentiality of individuals in 2016, counts of ancestry groups and totals derived from them may differ slightly from those published by the ABS. For more information see notes on data confidentiality.

#### Ancestry - Ranked by size

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Ancestry	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
English	22,790	49.7	37.2	20,390	48.4	37.6	+2,400
Australian	15,750	34.4	28.3	15,308	36.4	30.1	+442
Scottish	4,881	10.7	8.6	3,853	9.2	8.3	+1,028
Irish	4,202	9.2	9.2	3,209	7.6	8.3	+992
German	1,427	3.1	2.8	1,182	2.8	2.7	+245
Maori	1,392	3.0	1.1	1,199	2.8	1.0	+193
Italian	1,323	2.9	5.3	1,088	2.6	5.4	+235
Dutch	1,042	2.3	1.9	943	2.2	2.1	+99
New Zealander	856	1.9	1.3	653	1.6	1.2	+203
South African	675	1.5	1.3	584	1.4	1.3	+91

Excludes ancestries with fewer than 10 responses (multi-response).

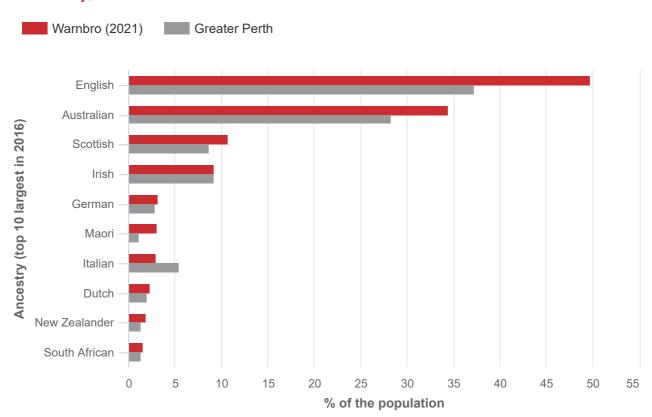
# Ancestry - Totals

Warnbro (2021) - Total persons (Usual residence)	2016				Change		
Ancestry totals	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Not stated	3,207	5.3	5.3	2,775	5.2	5.6	+432
Total responses	60,493			53,144			+7,349
Total people	45,814			42,093			+3,721

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.i.d., the population experts.

Please refer to specific data notes for more information

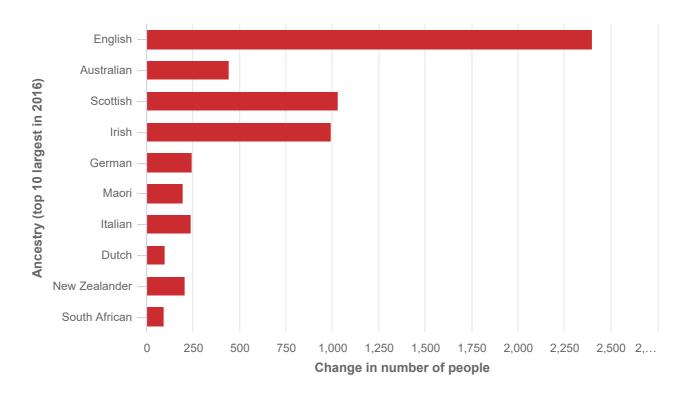
#### Ancestry, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in ancestry, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the ancestry responses of the population in Warnbro (2021) in 2016 shows that the top five ancestries nominated were:

- English (22,790 people or 49.7%)
- Australian (15,750 people or 34.4%)
- Scottish (4,881 people or 10.7%)
- Irish (4,202 people or 9.2%)
- German (1,427 people or 3.1%)

In combination these five ancestries account for 49,050 responses in total, or 107.06% of all responses.

#### The major differences between the ancestries of the population in Warnbro (2021) and Greater Perth were:

- A larger percentage of people with English ancestry (49.7% compared to 37.2%)
- A larger percentage of people with Australian ancestry (34.4% compared to 28.3%)
- A smaller percentage of people with Chinese ancestry (0.6% compared to 5.1%)
- A *smaller* percentage of people with Indian ancestry (0.6% compared to 3.3%)

#### **Emerging groups**

The largest changes in the reported ancestries of the population in this area between 2011 and 2016 were:

- English (+2,400 persons)
- Scottish (+1,028 persons)
- Irish (+992 persons)
- Australian (+442 persons)

## Birthplace

Country of Birth data identifies where people were born and is indicative of the level of cultural diversity in Warnbro (2021). The mix of Country of Birth groups is also indicative of historical settlement patterns, as source countries for Australia's immigration program have varied significantly over time.

To get a more complete picture of cultural and ethnic characteristics, Warnbro (2021)'s Country of Birth data should be viewed together with Ancestry, Language Spoken at Home and Religion.

Please note: Due to changes in ABS rules around perturbation and additivity of data to protect the confidentiality of individuals in 2016, counts of individual birthplace groups and totals derived from them may differ slightly from those published by the ABS. For more information see notes on data confidentiality.

## Birthplace - Summary

Warnbro (2021) - Total persons (Usual residence)	2016				Change		
Birthplace	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total overseas born	14,019	30.6	36.1	12,809	30.4	34.4	+1,210
Australia	28,574	62.4	57.3	26,920	63.9	59.7	+1,654
Not stated	3,218	7.0	6.6	2,389	5.7	5.9	+829
Total Population	45,811	100.0	100.0	42,118	100.0	100.0	+3,693

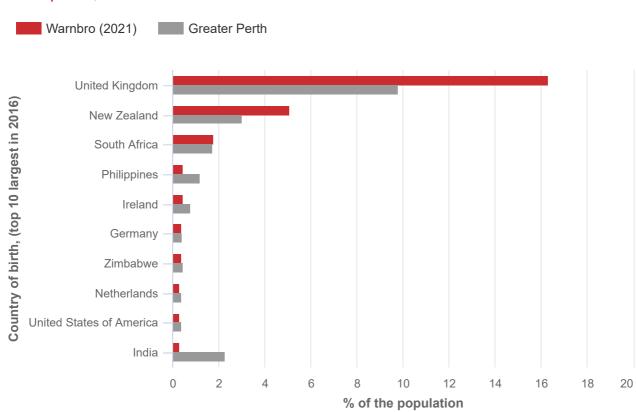
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by id, the population experts.

# Birthplace - Ranked by size

Warnbro (2021) - Overseas born (Usual residence)	2016				Change		
Birthplace	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
United Kingdom	7,880	17.2	10.4	7,634	18.1	11.4	+245
New Zealand	2,446	5.3	3.2	2,035	4.8	3.1	+411
South Africa	857	1.9	1.8	756	1.8	1.7	+101
Philippines	227	0.5	1.3	136	0.3	0.8	+90
Ireland	220	0.5	0.8	187	0.4	0.7	+32
Germany	176	0.4	0.4	163	0.4	0.5	+13
Zimbabwe	173	0.4	0.5	126	0.3	0.5	+47
Netherlands	149	0.3	0.4	163	0.4	0.5	-14
United States of America	145	0.3	0.4	161	0.4	0.4	-16
India	140	0.3	2.4	121	0.3	1.6	+19

Excludes countries of birth with fewer than 10 people.

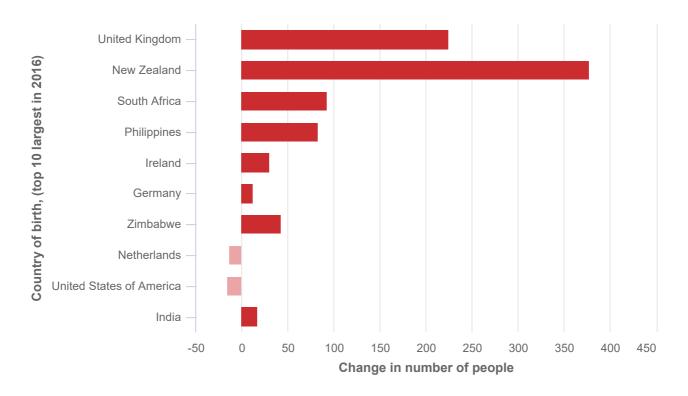




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in birthplace, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the country of birth of the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a smaller proportion of people born overseas.

Overall, 30.6% of the population was born overseas, compared with 36.1% for Greater Perth.

The largest non-English speaking country of birth in Warnbro (2021) was Philippines, where 0.5% of the population, or 227 people, were born.

The major differences between the countries of birth of the population in Warnbro (2021) and Greater Perth were:

- A *larger* percentage of people born in United Kingdom (17.2% compared to 10.4%)
- A *larger* percentage of people born in New Zealand (5.3% compared to 3.2%)
- A smaller percentage of people born in India (0.3% compared to 2.4%)
- A smaller percentage of people born in Malaysia (0.2% compared to 1.5%)

#### **Emerging groups**

Between 2011 and 2016, the number of people born overseas increased by 1210 or 9.4%.

The largest changes in birthplace countries of the population in this area between 2011 and 2016 were for those born in:

- New Zealand (+411 persons)
- United Kingdom (+245 persons)
- South Africa (+101 persons)
- Philippines (+90 persons)

## Overseas arrivals

The Year of Arrival data records when the overseas born population arrived in Australia. The data shows the degree to which areas are 'ports' for new overseas arrivals and reveals the role of Warnbro (2021) in housing the overseas-born. The number of recent overseas arrivals in an area is often determined by housing affordability, employment opportunities and pre-existing communities located in the area.

Warnbro (2021)'s Year of Arrival data, when used with Birthplace, Religion and Language Spoken at Home data, is a good indicator of the likely need for services in migrant communities.

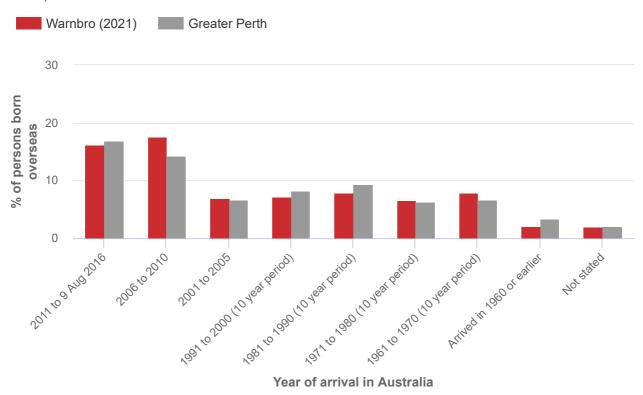
#### Overseas arrivals

Warnbro (2021) - Overseas born (Usual residence)		2016	
Year of arrival in Australia	Number	%	Greater Perth %
2011 to 9 Aug 2016	3,053	21.8	22.8
2006 to 2010	3,334	23.8	19.4
2001 to 2005	1,311	9.3	9.1
1991 to 2000 (10 year period)	1,362	9.7	11.0
1981 to 1990 (10 year period)	1,482	10.6	12.7
1971 to 1980 (10 year period)	1,249	8.9	8.5
1961 to 1970 (10 year period)	1,480	10.6	9.0
Arrived in 1960 or earlier	382	2.7	4.5
Not stated	375	2.7	2.9
Total	14,028	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016. Compiled and presented by <u>.id</u>, the population experts. Please refer to specific data notes for more information

#### Overseas arrivals, 2016

Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

## Dominant groups

Analysis of the year of arrival for the overseas born population of Warnbro (2021) in 2016 compared to Greater Perth shows that there was a smaller proportion of people who arrived before 2001, as well as a smaller proportion of recent overseas arrivals (those who arrived between 2011 to 9 Aug 2016).

Overall, 42.5% of the overseas born population arrived before 2001, and 22% arrived during or after 2011, compared with 45.8% and 22.8% respectively for Greater Perth.

The major differences in year of arrival data in the population between Warnbro (2021) and Greater Perth are:

- A larger percentage of arrivals between 2006 and 9 Aug 2011 (23.8% compared to 19.4%)
- A larger percentage of arrivals between 1961 and 1970 (10.6% compared to 9.0%)
- A smaller percentage of arrivals between 1981 and 1990 (10.6% compared to 12.7%)
- A *smaller* percentage of arrivals between in 1960 or earlier (2.7% compared to 4.5%)

## Proficiency in English

Proficiency in English measures the self-assessed proficiency in spoken English of people who speak a language other than English at home. The data, when viewed with other ethnic and cultural indicators, such as Ancestry, Country of Birth, Language Spoken at Home and Religion, reflects Warnbro (2021)'s ethnic composition and how long the overseas born have been in Australia. This helps service providers determine whether they need to communicate with the local population in languages other than English.

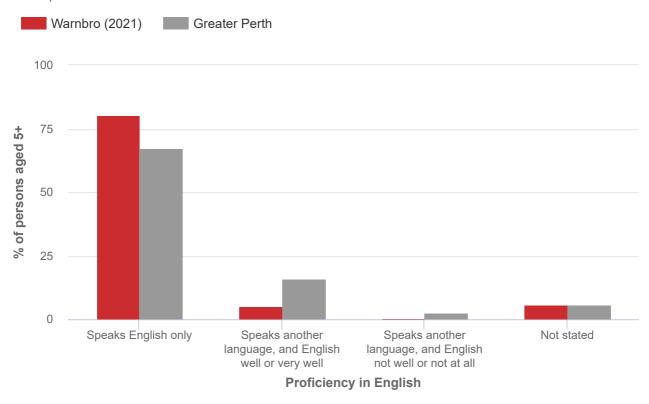
## Proficiency in English

Warnbro (2021) - Total persons (Usual residence)	2016				Change		
English proficiency	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Speaks English only	40,260	87.9	73.5	37,912	90.0	77.8	+2,347
Speaks another language, and English well or very well	2,488	5.4	17.3	1,829	4.3	14.3	+658
Speaks another language, and English not well or not at all	202	0.4	2.9	167	0.4	2.4	+35
Not stated	2,861	6.2	6.3	2,195	5.2	5.4	+665
Total population	45,811	100.0	100.0	42,105	100.0	100.0	+3,705

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

## Proficiency in English, 2016

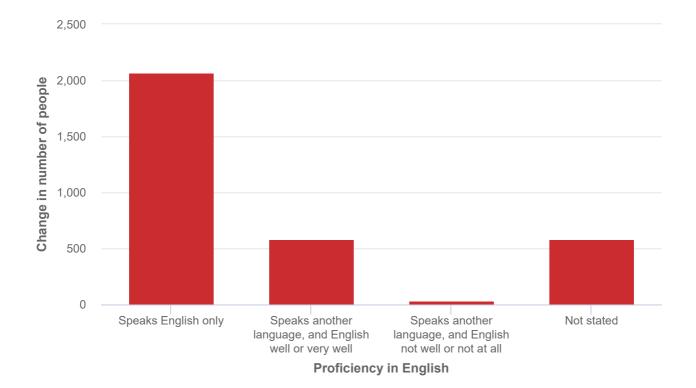
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in Proficiency in English, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the proficiency in English data of the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people who spoke English only, and a lower proportion of people who spoke another language and English not well or not at all.

Overall, 87.9% of people spoke English only, and 0.4% spoke another language and English not well or not at all, compared with 73.5% and 2.9% respectively for Greater Perth.

## **Emerging groups**

The most significant changes in the proficiency in English of the population in this area between 2011 and 2016 were in those speaking:

- Speaks English only (+2,347 persons)
- Speaks another language, and English well or very well (+658 persons)

## Language spoken at home

Warnbro (2021)'s language statistics show the proportion of the population who speak a language at home other than English. They indicate how culturally diverse a population is and the degree to which different ethnic groups and nationalities are retaining their language.

Warnbro (2021)'s language statistics should be analysed in conjunction with Country of Birth and Proficiency in English to assist in identifying specific cultural and ethnic groups in the area and the services required by the multicultural community.

Please note: Due to changes in ABS rules around perturbation and additivity of data to protect the confidentiality of individuals in 2016, counts of individual language groups and totals derived from them may differ slightly from those published by the ABS. For more information see notes on data confidentiality.

#### Language spoken at home - Summary

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Language summary	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Speaks English only	40,260	87.9	73.5	37,910	90.0	77.8	+2,349
Non-English total	2,596	5.7	20.1	1,957	4.6	16.6	+639
Not stated	2,952	6.4	6.4	2,270	5.4	5.5	+682
Total Population	45,808	100.0	100.0	42,138	100.0	100.0	+3,670

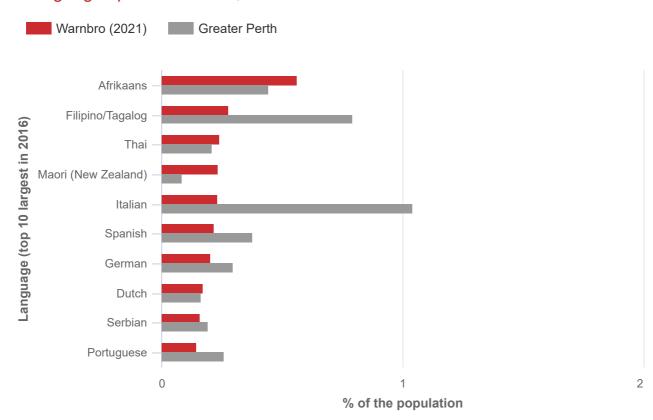
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

# Language spoken at home - Ranked by size

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Language (excludes English)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Afrikaans	340	0.7	0.6	269	0.6	0.5	+71
Filipino/Tagalog	167	0.4	1.0	81	0.2	0.6	+86
Thai	145	0.3	0.3	106	0.3	0.2	+39
Maori (New Zealand)	141	0.3	0.1	108	0.3	0.1	+33
Italian	139	0.3	1.4	124	0.3	1.6	+14
Spanish	132	0.3	0.5	88	0.2	0.4	+44
German	121	0.3	0.4	114	0.3	0.4	+7
Dutch	103	0.2	0.2	84	0.2	0.3	+18
Serbian	96	0.2	0.3	78	0.2	0.3	+18
Portuguese	87	0.2	0.3	79	0.2	0.3	+8

Excludes languages spoken at home by fewer than 10 people.

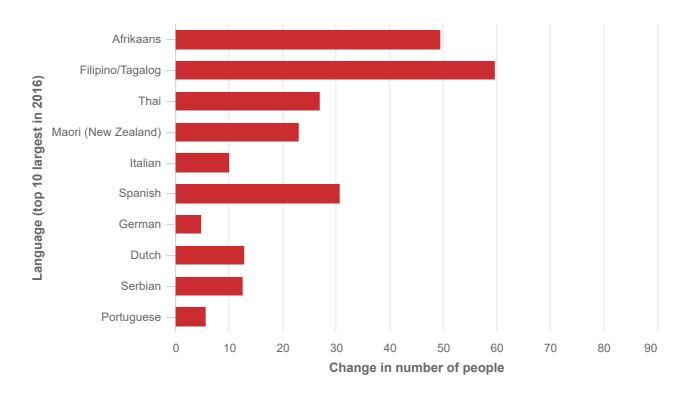
#### Language spoken at home, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in language spoken at home, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

### **Dominant groups**

Analysis of the language spoken at home by the population of Warnbro (2021) in 2016 compared to Greater Perth shows that there was a larger proportion of people who spoke English only, and a smaller proportion of those speaking a non-English language (either exclusively, or in addition to English).

Overall, 87.9% of the population spoke English only, and 5.7% spoke a non-English language, compared with 73.5% and 20.1% respectively for Greater Perth.

The dominant language spoken at home, other than English, in Warnbro (2021) was Afrikaans, with 0.7% of the population, or 340 people speaking this language at home.

The major differences between the languages spoken at home for the population of Warnbro (2021) and Greater Perth in 2016 were:

- A *smaller* percentage speaking Mandarin at home (0.2% compared to 2.3%)
- A *smaller* percentage speaking Italian at home (0.3% compared to 1.4%)

#### **Emerging groups**

Between 2011 and 2016, the number of people who spoke a language other than English at home increased by 639 or 32.7%, and the number of people who spoke English only increased by 2,350 or 6.2%.

The largest changes in the spoken languages of the population in Warnbro (2021) between 2011 and 2016 were for those speaking:

- Filipino/Tagalog (+86 persons)
- Afrikaans (+71 persons)

## Religion

Warnbro (2021)'s religion statistics provide an indicator of cultural identity and ethnicity when observed in conjunction with other key variables. Religion data reveal the major concentrations of religions as well as revealing the proportion of people with no religious affiliation. There are a number of reasons for different religious compositions across areas including the country of birth and ethnic background of the population, the age of the population (belief in religion is generally stronger, the older the population) and changes in values and belief systems.

Warnbro (2021)'s religion statistics should be analysed in conjunction with other ethnicity statistics such as Country of Birth data and Language Spoken data to assist in identifying specific cultural and ethnic groups.

Please note: Due to changes in ABS rules around perturbation and additivity of data to protect the confidentiality of individuals in 2016, counts of individual religion groups and totals derived from them may differ slightly from those published by the ABS. For more information see notes on data confidentiality.

#### Religion - Summary

Warnbro (2021) - Total persons (Usual residence)	2011				Change		
Religion totals	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
Christian total	24,205	57.5	58.4	24,205	57.5	58.4	0
Non Christian total	798	1.9	6.9	798	1.9	6.9	0
Non-classifiable religious belief	445	1.1	0.9	445	1.1	0.9	0
No religion	12,802	30.4	25.1	12,802	30.4	25.1	0
Not stated	3,850	9.1	8.8	3,850	9.1	8.8	0
Total Population	42,103	100.0	100.0	42,103	100.0	100.0	0

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2011. Compiled and presented by <u>.id</u>, the population experts.

# Religion - Ranked by size

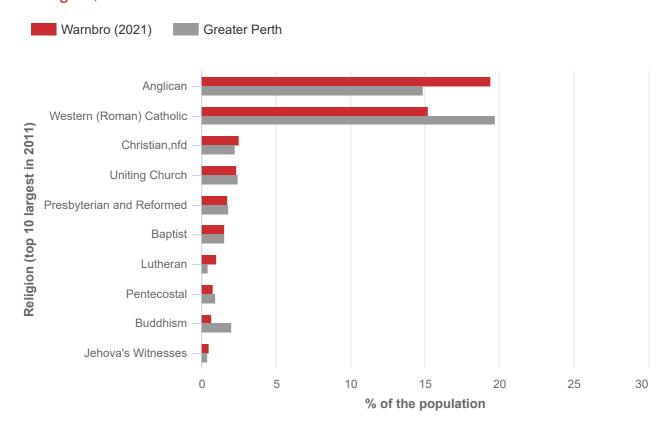
Warnbro (2021) - Total persons (Usual residence)		2011			2011		Change
Religion	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
Anglican	10,080	23.9	18.5	10,080	23.9	18.5	0
Western (Roman) Catholic	7,901	18.8	24.4	7,901	18.8	24.4	0
Christian,nfd	1,294	3.1	2.8	1,294	3.1	2.8	0
Uniting Church	1,205	2.9	3.0	1,205	2.9	3.0	0
Presbyterian and Reformed	903	2.1	2.2	903	2.1	2.2	0
Baptist	805	1.9	1.9	805	1.9	1.9	0
Lutheran	503	1.2	0.5	503	1.2	0.5	0
Pentecostal	385	0.9	1.2	385	0.9	1.2	0
Buddhism	349	0.8	2.5	349	0.8	2.5	0
Jehova's Witnesses	242	0.6	0.5	242	0.6	0.5	0

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2011. Compiled and presented by id, the population experts.

Please refer to specific data notes for more information

Excludes religions with fewer than 10 adherents.

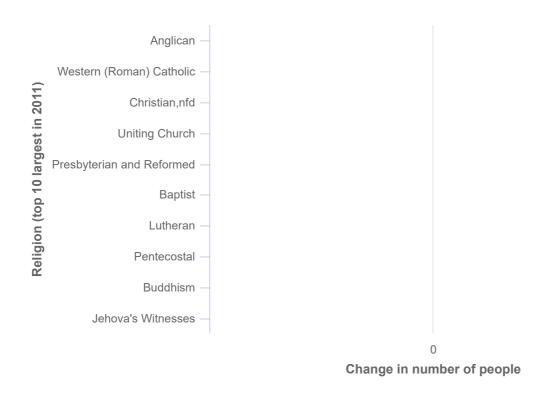
#### Religion, 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in religion, 2011 to 2011

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2011 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the religious affiliation of the population of Warnbro (2021) in 2011 compared to Greater Perth shows that there was a lower proportion of people who professed a religion and a higher proportion who stated they had no religion.

Overall, 59.4% of the population nominated a religion, and 30.4% said they had no religion, compared with 65.2% and 25.1% respectively for Greater Perth.

The largest single religion in Warnbro (2021) was Anglican, with 23.9% of the population or 10,080 people as adherents.

The major differences between the religious affiliation for the population of Warnbro (2021) and Greater Perth were:

- A *larger* percentage who nominated Anglican (23.9% compared to 18.5%)
- A *smaller* percentage who nominated Western (Roman) Catholic (18.8% compared to 24.4%)
- A *smaller* percentage who nominated Islam (0.4% compared to 2.1%)
- A *smaller* percentage who nominated Buddhism (0.8% compared to 2.5%)

# **Emerging groups**

There were no major differences in Warnbro (2021) between 2011 and 2011.

### Qualifications

Educational Qualifications relate to education outside of primary and secondary school and are one of the most important indicators of socio-economic status. With other data sources, such as Employment Status, Income and Occupation, Warnbro (2021)'s Educational Qualifications help to evaluate the economic opportunities and socio-economic status of the area and identify skill gaps in the labour market.

Learn more about planning education provision here.

### Highest qualification achieved

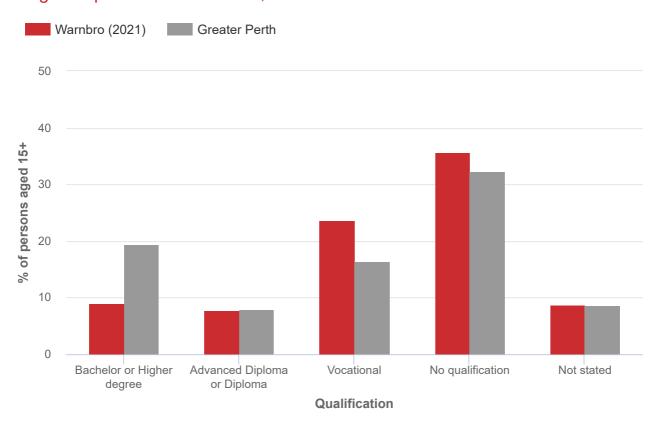
Warnbro (2021) - Persons aged 15+ (Usual residence)	2016				Change		
Qualification level	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Bachelor or Higher degree	3,657	10.6	22.9	2,628	8.5	19.6	+1,029
Advanced Diploma or Diploma	3,187	9.2	9.3	2,478	8.0	8.6	+708
Vocational	9,653	27.9	19.4	8,032	26.0	18.6	+1,620
No qualification	14,536	42.0	38.1	14,428	46.6	42.3	+107
Not stated	3,551	10.3	10.2	3,382	10.9	10.9	+168
Total persons aged 15+	34,584	100.0	100.0	30,951	100.0	100.0	+3,633

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

- People with university qualifications
- People with trade qualifications (Certificate)

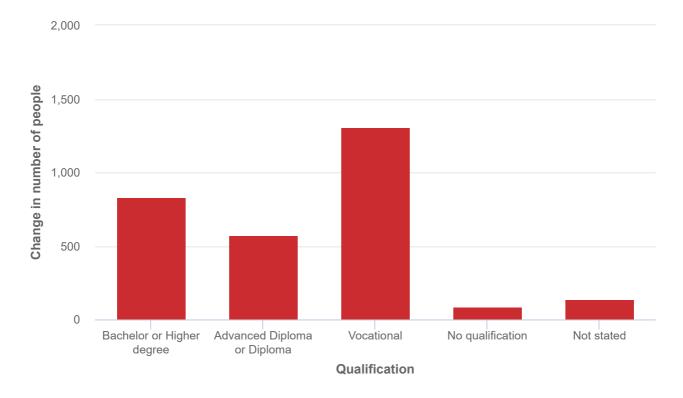
#### Highest qualification achieved, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in highest qualification achieved, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the qualifications of the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a lower proportion of people holding formal qualifications (Bachelor or higher degree; Advanced Diploma or Diploma; or Vocational qualifications), and a higher proportion of people with no formal qualifications.

Overall, 47.7% of the population aged 15 and over held educational qualifications, and 42.0% had no qualifications, compared with 51.7% and 38.1% respectively for Greater Perth.

The major differences between qualifications held by the population of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons with Vocational qualifications (27.9% compared to 19.4%)
- A *larger* percentage of persons with No qualifications (42.0% compared to 38.1%)
- A *smaller* percentage of persons with Bachelor or Higher degrees (10.6% compared to 22.9%)

### **Emerging groups**

The largest changes in the qualifications of the population in Warnbro (2021) between 2011 and 2016 were in those with:

- Vocational qualifications (+1,620 persons)
- Bachelor or Higher degrees (+1,029 persons)
- Advanced Diploma or Diplomas (+708 persons)
- No qualifications (+107 persons)

# Highest level of schooling

Warnbro (2021)'s school completion data is a useful indicator of socio-economic status. With other indicators, such as **Proficiency in English**, the data informs planners and decision-makers about people's ability to access services. Combined with **Educational Qualifications** it also allows assessment of the skill base of the population.

Learn more about planning education provision here.

## Highest level of secondary schooling completed

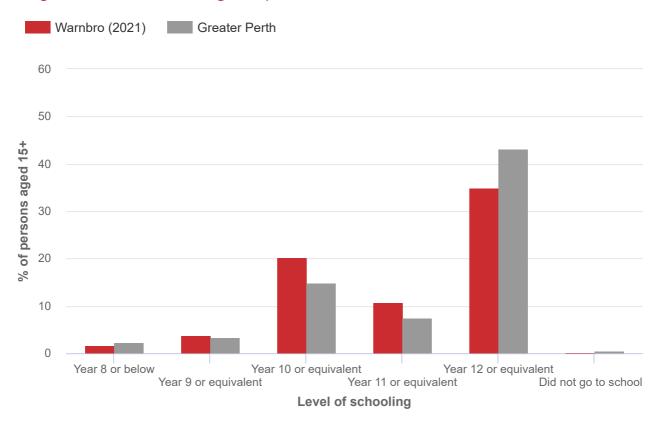
Warnbro (2021) - Total persons (Usual residence)	2016				Change		
Level of schooling	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Year 8 or below	713	2.1	3.1	683	2.2	3.7	+29
Year 9 or equivalent	1,665	4.8	4.2	1,569	5.1	4.4	+95
Year 10 or equivalent	8,983	26.0	19.1	8,801	28.4	21.2	+182
Year 11 or equivalent	4,751	13.7	9.4	4,736	15.3	10.3	+14
Year 12 or equivalent	15,521	44.9	55.3	12,655	40.8	51.2	+2,866
Did not go to school	59	0.2	0.7	79	0.3	0.6	-20
Not stated	2,896	8.4	8.4	2,473	8.0	8.6	+423
Total persons aged 15+	34,588	100.0	100.0	30,999	100.0	100.0	+3,589

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts

Please refer to specific data notes for more information

People with below Year 11 schooling

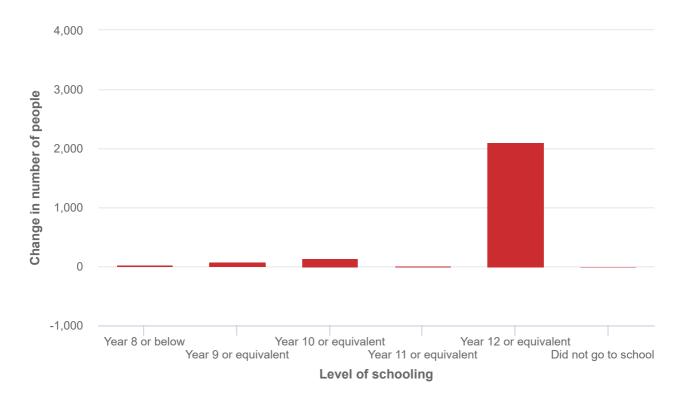
#### Highest level of schooling completed, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in highest level of schooling completed, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the highest level of schooling attained by the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people who had left school at an early level (Year 10 or less) and a lower proportion of people who completed Year 12 or equivalent.

Overall, 33.0% of the population left school at Year 10 or below, and 44.9% went on to complete Year 12 or equivalent, compared with 27.0% and 55.3% respectively for Greater Perth.

The major differences between the level of schooling attained by the population in Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons who completed year 10 or equivalent (26.0% compared to 19.1%)
- A *larger* percentage of persons who completed year 11 or equivalent (13.7% compared to 9.4%)
- A smaller percentage of persons who completed year 12 or equivalent (44.9% compared to 55.3%)

## **Emerging groups**

The largest changes in the level of schooling attained by the population in Warnbro (2021), between 2011 and 2016 were:

- Year 12 or equivalent (+2,866 persons)
- Year 10 or equivalent (+182 persons)
- Year 9 or equivalent (+95 persons)

# Education institution attending

The share of Warnbro (2021)'s population attending educational institutions reflects the age structure of the population, as it is influenced by the number of children attending school; proximity to tertiary education, which can mean young adults leaving home to be nearer to educational facilities and; the degree to which people are seeking out educational opportunities in adulthood, especially in their late teens and early twenties.

This data is often combined with Age Structure to identify areas with significant university student populations.

Learn more about planning education provision here.

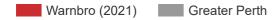
### Education institution attending

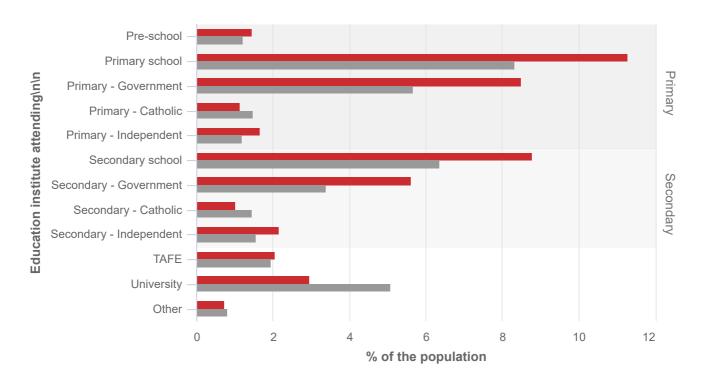
Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Type of institution	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Pre-school	1,289	1.5	1.2	722	1.7	1.4	+567
Primary school	10,061	11.4	8.4	5,084	12.1	8.2	+4,976
Primary - Government	7,563	8.6	5.7	3,856	9.2	5.5	+3,707
Primary - Catholic	1,023	1.2	1.5	461	1.1	1.5	+562
Primary - Independent	1,475	1.7	1.2	766	1.8	1.2	+708
Secondary school	7,829	8.9	6.5	3,066	7.3	5.7	+4,763
Secondary - Government	5,014	5.7	3.4	1,861	4.4	2.8	+3,153
Secondary - Catholic	909	1.0	1.5	397	0.9	1.5	+512
Secondary - Independent	1,906	2.2	1.6	807	1.9	1.5	+1,098
TAFE	1,833	2.1	2.0	1,009	2.4	2.2	+824
University	2,638	3.0	5.1	1,082	2.6	4.9	+1,556
Other	639	0.7	0.8	243	0.6	0.7	+396
Not attending	58,010	65.8	68.9	27,881	66.2	69.5	+30,128
Not stated	5,810	6.6	7.1	3,023	7.2	7.4	+2,786
Total	88,109	100.0	100.0	42,113	100.0	100.0	+45,996

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

#### Education institution attending, 2016

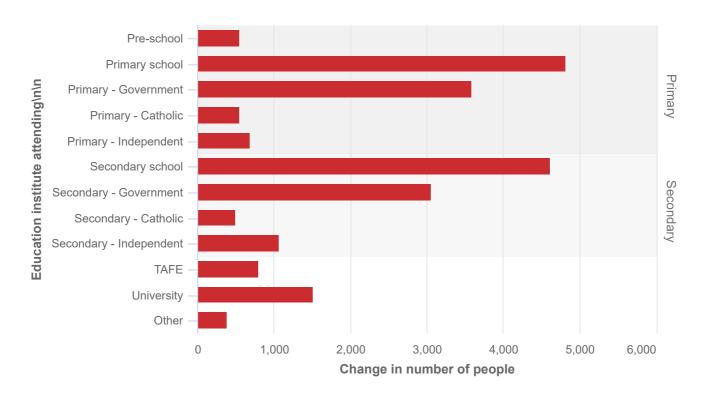




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in education institution attending, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the share of the population attending educational institutions in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion attending primary school, a higher proportion attending secondary school, and a lower proportion engaged in tertiary level education.

Overall, 11.4% of the population were attending primary school, 8.9% of the population were attending secondary institutions, and 5.1% were learning at a tertiary level, compared with 8.4%, 6.5% and 7.1% respectively for Greater Perth.

The major differences between the share of the population attending learning institutions in Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons attending a Government primary school (11.4% compared to 8.4%)
- A *larger* percentage of persons attending a Catholic primary school (8.6% compared to 5.7%)
- A *larger* percentage of persons attending a Government secondary school (8.9% compared to 6.5%)
- A *smaller* percentage of persons not attending (65.8% compared to 68.9%)

## **Emerging groups**

From 2011 to 2016, Warnbro (2021)'s population increased by 46,001 people (+109.2%). This represents an average annual change of 15.91% per year over the period.

The largest changes in the number of persons attending education institutions in Warnbro (2021), between 2011 and 2016 were in those who nominated:

- Primary school (+4,976 persons)
- Secondary school (+4,763 persons)
- Primary Government (+3,707 persons)
- Secondary Government (+3,153 persons)

#### Need for assistance

Warnbro (2021)'s disability statistics relate directly to need for assistance due to a severe or profound disability. The information may be used in the planning of local facilities, services such as day-care and occasional care and in the provision of information and support to carers. Warnbro (2021)'s disability statistics help in understanding the prevalence of people who need support in the community, and along with information on **Unpaid Care** to a person with a disability, how that support is provided.

Please note: A person's reported need for assistance is based on a subjective assessment and should therefore be treated with caution. See the specific data notes for further detail.

Due to changes in ABS rules concerning perturbation and additivity of data to protect the confidentiality of individuals in 2016, counts of individual age groups with a need for assistance in 2016 may not add up to the table total. The table total is independently calculated and will be closer to the true population requiring assistance. Due to ABS adjustments of small numbers, no reliability can be placed on small data cells in 2016. For more information please see the data notes on Data Confidentiality.

### Need for assistance with core activities by age

Warnbro (2021) - Persons (Usual residence)		2016			2011		Change
Assistance needed by age group (years)	Number	% of total age group	Greater Perth %	Number	% of total age group	Greater Perth %	2011 to 2016
0 to 4	38	1.1	1.0	33	0.9	0.9	+5
5 to 9	115	2.9	2.6	81	2.3	2.2	+34
10 to 19	210	2.8	2.4	159	2.1	1.7	+50
20 to 59	558	2.2	1.8	432	1.9	1.6	+126
60 to 64	92	5.6	4.8	87	6.1	4.7	+5
65 to 69	122	9.0	6.1	81	7.4	5.8	+41
70 to 74	106	10.6	8.7	58	7.5	8.5	+48
75 to 79	97	13.7	14.1	78	14.0	14.1	+18
80 to 84	98	21.6	23.7	90	23.5	24.4	+8
85 and over	88	25.9	43.0	75	39.7	45.3	+13
Total persons needing assistance	1,536	3.4	3.9	1,176	2.8	3.6	+359

Please refer to specific data notes for more information

# Need for assistance with core activities summary

Warnbro (2021) - Total persons (Usual residence)		2016			2011		Change
Assistance needed by age group (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total persons needing assistance	1,536	3.4	3.9	1,176	2.8	3.6	+359
Total persons not needing assistance	40,855	89.2	89.1	38,399	91.2	90.4	+2,456
Not stated	3,415	7.5	7.0	2,546	6.0	6.1	+869
Total Population	45,806	100.0	100.0	42,122	100.0	100.0	+3,684

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.i.d., the population experts.

Please refer to specific data notes for more information

#### Need for assistance with core activities, 2016

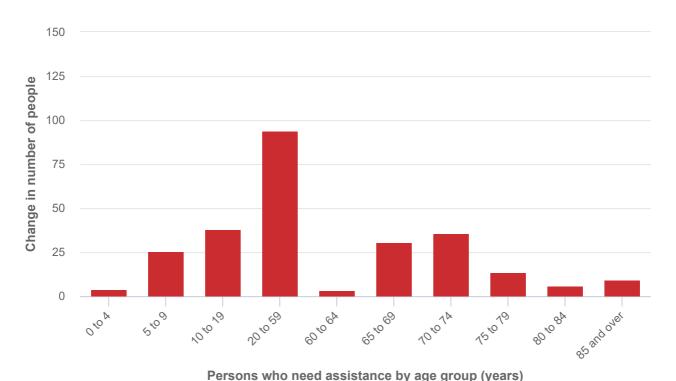


Persons who need assistance by age group (years)

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in need for assistance with core activities, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the need for assistance of people in Warnbro (2021) compared to Greater Perth shows that there was a lower proportion of people who reported needing assistance with core activities.

Overall, 3.3533% of the population reported needing assistance with core activities, compared with 3.8757% for Greater Perth.

The major differences in the age groups reporting a need for assistance in Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons aged 65 to 69 (9.0% compared to 6.1%)
- A *larger* percentage of persons aged 70 to 74 (10.6% compared to 8.7%)
- A smaller percentage of persons aged 85 and over (25.9% compared to 43.0%)
- A *smaller* percentage of persons aged 80 to 84 (21.6% compared to 23.7%)

### **Emerging groups**

The major differences in the age groups reporting a need for assistance between 2011 and 2016 in Warnbro (2021) were in the age groups:

- 20 to 59 (+126 persons)
- 10 to 19 (+50 persons)

## **Employment status**

Warnbro (2021)'s employment statistics are an important indicator of socio-economic status. The levels of full or part-time employment, unemployment and labour force participation indicate the strength of the local economy and social characteristics of the population. Employment status is linked to a number of factors including Age Structure, which influences the number of people in the workforce; the economic base and employment opportunities available in the area and; the education and skill base of the population (Occupations, Industries, Qualifications).

The two most important measures are:

- Unemployment rate the number of people looking for work, as a percentage of the labour force (employed and unemployed over 15)
- Participation rate the labour force expressed as a percentage of the total population over 15

### **Employment status**

Warnbro (2021) - Persons (Usual residence)	2016				2011		Change
Employment status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Employed	20,750	90.0	91.9	19,809	94.1	95.2	+940
Employed full-time	12,893	55.9	56.4	12,540	59.6	60.2	+353
Employed part-time	7,513	32.6	33.9	6,837	32.5	33.1	+675
Hours worked not stated	344	1.5	1.5	432	2.1	1.9	-88
Unemployed (Unemployment rate)	2,308	10.0	8.1	1,235	5.9	4.8	+1,072
Looking for full-time work	1,457	6.3	4.8	734	3.5	2.7	+723
Looking for part-time work	851	3.7	3.3	501	2.4	2.0	+350
Total labour force	23,058	100.0	100.0	21,045	100.0	100.0	+2,012

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

## Labour force status

Warnbro (2021) - Persons aged 15+ (Usual residence)		2016			2011		Change
Labour force status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total labour force (Participation rate)	23,058	66.7	63.7	21,045	67.8	64.5	+2,012
Not in the labour force	9,048	26.2	29.8	8,142	26.2	29.6	+905
Labour force status not stated	2,481	7.2	6.5	1,870	6.0	5.9	+611
Total persons aged 15+	34,593	100.0	100.0	31,058	100.0	100.0	+3,534

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

Please refer to specific data notes for more information

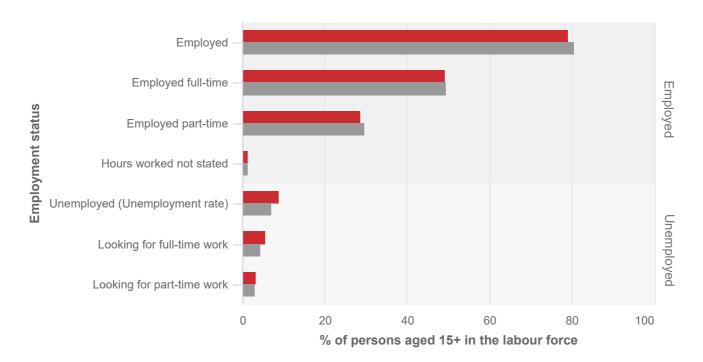
- Youth unemployment rate (persons aged 15-24)
- a Seniors unemployment rate (persons aged 55 or more)
- a <u>Disengaged youth (aged 15-24 not employed or in education)</u>
- People employed part-time

Please refer to the specific data notes for more information

#### Employment status, 2016

Total persons in the labour force

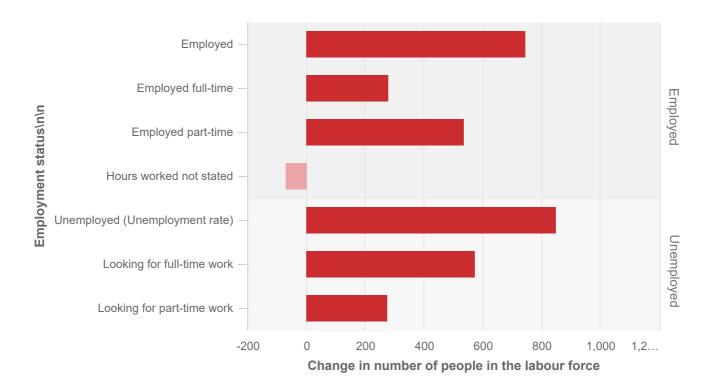




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in employment status, 2011 to 2016

Warnbro (2021) - Total persons in the labour force



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

The size of Warnbro (2021)'s labour force in 2016 was 23,058, of which 7,513 were employed part-time and 12,893 were full time workers.

Analysis of the employment status (as a percentage of the labour force) in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a lower proportion in employment, and a higher proportion unemployed. Overall, 90.0% of the labour force was employed (0.0% of the population aged 15+), and 10.0% unemployed (0.0% of the population aged 15+), compared with 91.9% and 8.1% respectively for Greater Perth.

The labour force participation rate refers to the proportion of the population aged 15 years and over that was employed or actively looking for work. "The labour force is a fundamental input to domestic production. Its size and composition are therefore crucial factors in economic growth. From the viewpoint of social development, earnings from paid work are a major influence on levels of economic well-being." (Australian Social Trends 1995).

Analysis of the labour force participation rate of the population in Warnbro (2021) in 2016 shows that there was a higher proportion in the labour force (66.7%) compared with Greater Perth (63.7%).

### **Emerging groups**

Between 2011 and 2016, the number of people employed in Warnbro (2021) showed an increase of 941, and the number unemployed showed an increase of 1,073. In the same period, the number of people in the labour force showed an increase of 2,013 or 9.6%.

# Industry sector of employment

Warnbro (2021)'s industry statistics identify the industry sectors in which the residents work (which may be within the residing area or elsewhere). This will be influenced by the skill base and socio-economic status of the residents as well as the industries and employment opportunities present in the region.

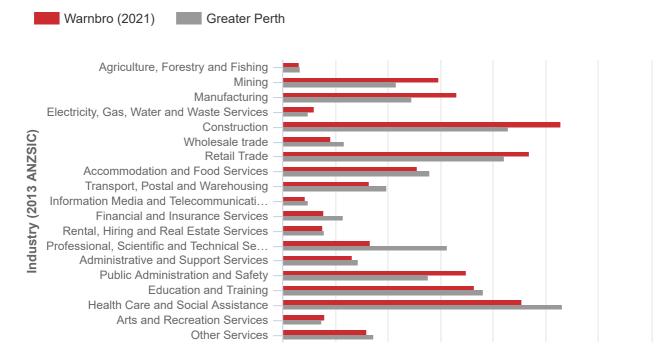
When viewed in conjunction with Residents Place of Work data and Method of Travel to Work, industry sector statistics provide insights into the relationship between the economic and residential role of the area.

## Industry sector of employment

Warnbro (2021) - Employed persons (Usual residence)		2016			2011		Change
Industry sector	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Agriculture, Forestry and Fishing	148	0.7	0.8	90	0.5	0.6	+57
Mining	1,417	6.8	5.0	1,248	6.3	4.8	+169
Manufacturing	1,587	7.6	5.7	2,335	11.8	8.5	-748
Electricity, Gas, Water and Waste Services	286	1.4	1.1	241	1.2	1.1	+45
Construction	2,534	12.2	9.9	2,482	12.5	10.0	+52
Wholesale trade	438	2.1	2.7	529	2.7	3.9	-92
Retail Trade	2,249	10.8	9.8	2,291	11.6	10.4	-43
Accommodation and Food Services	1,223	5.9	6.5	1,043	5.3	5.8	+179
Transport, Postal and Warehousing	786	3.8	4.6	808	4.1	4.4	-22
Information Media and Telecommunications	208	1.0	1.1	65	0.3	1.2	+142
Financial and Insurance Services	373	1.8	2.7	333	1.7	2.9	+39
Rental, Hiring and Real Estate Services	364	1.8	1.8	382	1.9	1.8	-19
Professional, Scientific and Technical Services	797	3.8	7.2	898	4.5	8.3	-101
Administrative and Support Services	635	3.1	3.3	667	3.4	3.2	-32
Public Administration and Safety	1,673	8.1	6.4	1,640	8.3	6.4	+33
Education and Training	1,747	8.4	8.8	1,418	7.2	8.1	+329
Health Care and Social Assistance	2,182	10.5	12.3	1,952	9.9	10.9	+229
Arts and Recreation Services	375	1.8	1.7	269	1.4	1.5	+106
Other Services	765	3.7	4.0	674	3.4	3.9	+90
Inadequately described or not stated	956	4.6	4.7	430	2.2	2.2	+525
Total employed persons aged 15+	20,746	100.0	100.0	19,804	100.0	100.0	+941

#### Industry sector of employment, 2016

Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

2

% of employed persons aged 15+

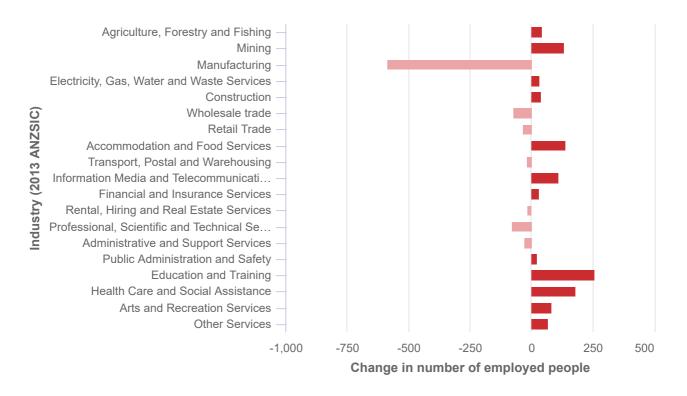
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12

0

#### Change in industry sector of employment, 2011 to 2016

Warnbro (2021) - Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

### Dominant groups

An analysis of the jobs held by the resident population in Warnbro (2021) in 2016 shows the three most popular industry sectors were:

- Construction (2,534 people or 12.2%)
- Retail Trade (2,249 people or 10.8%)
- Health Care and Social Assistance (2,182 people or 10.5%)

In combination, these three industries employed 6,965 people in total or 33.6% of the total employed resident population.

In comparison, Greater Perth employed 9.9% in Construction; 9.8% in Retail Trade; and 12.3% in Health Care and Social Assistance.

#### The major differences between the jobs held by the population of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons employed in construction (12.2% compared to 9.9%)
- A *larger* percentage of persons employed in manufacturing (7.6% compared to 5.7%)
- A *larger* percentage of persons employed in mining (6.8% compared to 5.0%)
- A *smaller* percentage of persons employed in professional, scientific and technical services (3.8% compared to 7.2%)

# **Emerging groups**

The number of employed people in Warnbro (2021) increased by 942 between 2011 and 2016.

The largest changes in the jobs held by the resident population between 2011 and 2016 in Warnbro (2021) were for those employed in:

- Manufacturing (-748 persons)
- Education and Training (+329 persons)
- Health Care and Social Assistance (+229 persons)
- Accommodation and Food Services (+179 persons)

# Occupation of employment

Warnbro (2021)'s occupation statistics quantify the occupations in which the residents work (which may be within the residing area or elsewhere). This will be influenced by the economic base and employment opportunities available in the area, education levels, and the working and social aspirations of the population. When viewed with other indicators, such as Educational Qualifications and Individual Income, Occupation is a key measure for evaluating Warnbro (2021)'s socio-economic status and skill base.

## Occupation of employment

Warnbro (2021) - Employed persons (Usual residence)		2016			2011		Change
Occupation	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Managers	1,934	9.3	11.5	1,961	9.9	11.4	-27
Professionals	2,762	13.3	22.2	2,605	13.2	21.7	+157
Technicians and Trades Workers	4,273	20.6	15.6	4,225	21.3	16.1	+47
Community and Personal Service Workers	2,615	12.6	10.8	2,269	11.5	9.7	+346
Clerical and Administrative Workers	2,550	12.3	13.6	2,688	13.6	15.3	-138
Sales Workers	2,101	10.1	9.2	1,943	9.8	9.0	+157
Machinery Operators And Drivers	1,830	8.8	6.5	1,708	8.6	6.6	+121
Labourers	2,276	11.0	9.0	2,107	10.6	8.8	+168
Not stated or inadequately described	395	1.9	1.6	288	1.5	1.4	+107
Total employed persons aged 15+	20,746	100.0	100.0	19,798	100.0	100.0	+948

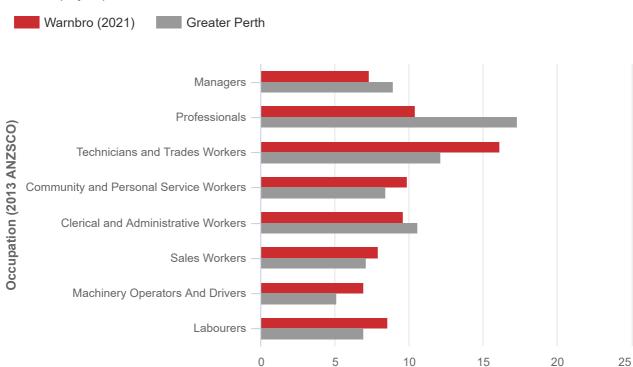
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

People employed as Managers or Professionals

#### Occupation of employment, 2016

Total employed persons

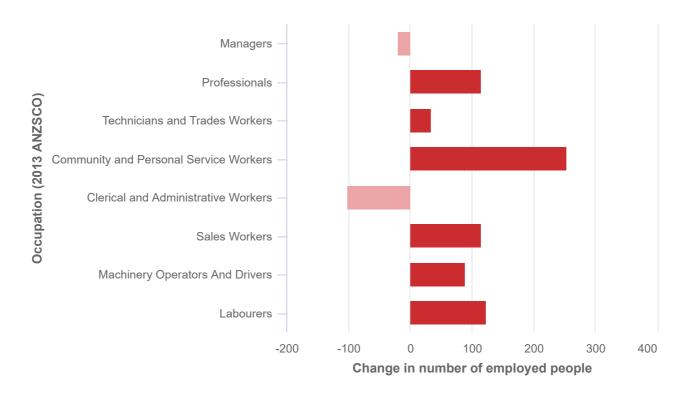


Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

% of employed persons aged 15+

#### Change in occupation of employment, 2011 to 2016

Warnbro (2021) - Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

An analysis of the jobs held by the resident population in Warnbro (2021) in 2016 shows the three most popular occupations were:

- Technicians and Trades Workers (4,273 people or 20.6%)
- Professionals (2,762 people or 13.3%)
- Community and Personal Service Workers (2,615 people or 12.6%)

In combination these three occupations accounted for 9,650 people in total or 46.5% of the employed resident population.

In comparison, Greater Perth employed 15.6% in Technicians and Trades Workers; 22.2% in Professionals; and 10.8% in Community and Personal Service Workers.

The major differences between the jobs held by the population of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons employed as Technicians and Trades Workers (20.6% compared to 15.6%)
- A *larger* percentage of persons employed as Machinery Operators And Drivers (8.8% compared to 6.5%)
- A *smaller* percentage of persons employed as Professionals (13.3% compared to 22.2%)
- A *smaller* percentage of persons employed as Managers (9.3% compared to 11.5%)

### **Emerging groups**

The number of employed people in Warnbro (2021) increased by 948 between 2011 and 2016.

The largest changes in the occupations of residents between 2011 and 2016 in Warnbro (2021) were for those employed as:

- Community and Personal Service Workers (+346 persons)
- Labourers (+168 persons)
- Sales Workers (+157 persons)
- Professionals (+157 persons)

### Method of travel to work

Warnbro (2021)'s commuting statistics reveal the main modes of transport by which residents get to work. There are a number of reasons why people use different modes of transport to get to work including the availability of affordable and effective public transport options, the number of motor vehicles available within a household, and the distance travelled to work.

Commuting data is very useful in transport planning as it informs decision-makers about the availability, effectiveness and utilisation of local transport options, particularly when analysed with Residents Place of Work data and Car Ownership.

### Method of travel to work

Warnbro (2021) - Employed persons (Usual residence)		2016			2011		Change
Main method of travel	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Train	1,801	8.7	6.1	1,198	6.0	6.5	+603
Bus	604	2.9	4.1	506	2.6	4.0	+98
Tram or Ferry	9	0.0	0.0	0		0.0	+9
Taxi	12	0.1	0.2	9	0.0	0.2	+3
Car - as driver	13,323	64.2	64.1	12,436	62.8	61.5	+887
Car - as passenger	1,094	5.3	4.6	1,189	6.0	5.4	-95
Truck	146	0.7	0.7	162	0.8	0.9	-17
Motorbike	86	0.4	0.5	91	0.5	0.6	-6
Bicycle	55	0.3	1.0	40	0.2	1.1	+15
Walked only	276	1.3	2.1	328	1.7	2.3	-53
Other	0		1.9	597	3.0	1.8	-597
Worked at home	642	3.1	3.9	508	2.6	3.4	+134
Did not go to work	2,514	12.1	9.9	2,434	12.3	11.0	+80
Not stated	180	0.9	1.0	302	1.5	1.3	-122
Total employed persons aged 15+	20,742	100.0	100.0	19,804	100.0	100.0	+938

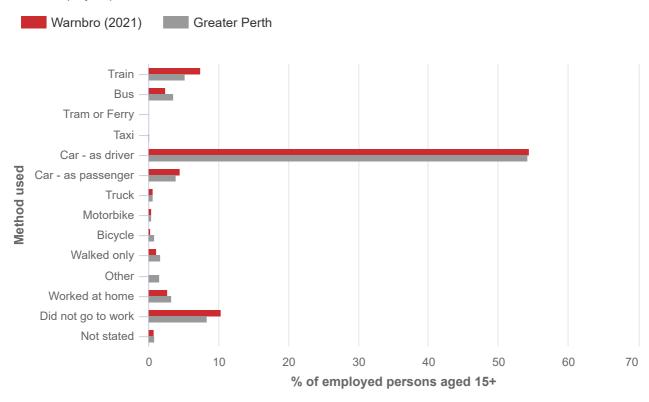
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

Please refer to specific data notes for more information

- People who travelled to work by car
- People who travelled to work on public transport

#### Method of travel to work, 2016

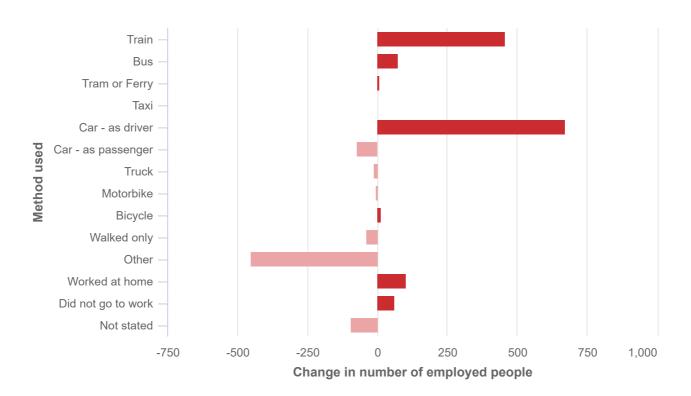
Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in method of travel to work, 2011 to 2016

Warnbro (2021) - Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

In 2016, there were 2,414 people who caught public transport to work (train, bus, tram or ferry) in Warnbro (2021), compared with 14,649 who drove in private vehicles (car – as driver, car – as passenger, motorbike, or truck).

Analysis of the method of travel to work of the residents in Warnbro (2021) in 2016, compared to Greater Perth, shows that 11.6% used public transport, while 70.6% used a private vehicle, compared with 10.3% and 69.9% respectively in Greater Perth.

The major differences in persons between the method of travel to work of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of persons who travelled by train (8.7% compared to 6.1%)
- A *larger* percentage of persons who did not go to work (12.1% compared to 9.9%)
- A smaller percentage of persons who travelled by an 'other' method (0.0% compared to 1.9%)
- A *smaller* percentage of persons who travelled by bus (2.9% compared to 4.1%)

## **Emerging groups**

The number of employed people in Warnbro (2021) increased by 938 between 2011 and 2016.

The largest changes in the method of travel to work by resident population in Warnbro (2021) between 2011 and 2016 were for those nominated:

- Car as driver (+887 persons)
- Train (+603 persons)
- Other (-597 persons)
- Worked at home (+134 persons)

## Disengagement by age

Engagement in employment and education looks at the level of participation by age and sex of the population in the labour market, or full or part-time education. A full time employed or full-time student would be "Fully engaged", while part-time students may be fully engaged if they are also employed, or partly engaged if they are not working. Engagement in the labour and education market is highly dependent on age. Retirees are generally disengaged, while stay-at-home parents are also likely to be disengaged. The rate of engagement, particularly in the younger and working age groups can be affected by access to strong employment and education markets and is a measure of socio-economic status and the level of welfare dependency in an area. For more detail on employment and educational characteristics associated with disengagement, please look at Employment Status, Qualifications and Educational Institution Attending.

# Workforce and educational engagement by age

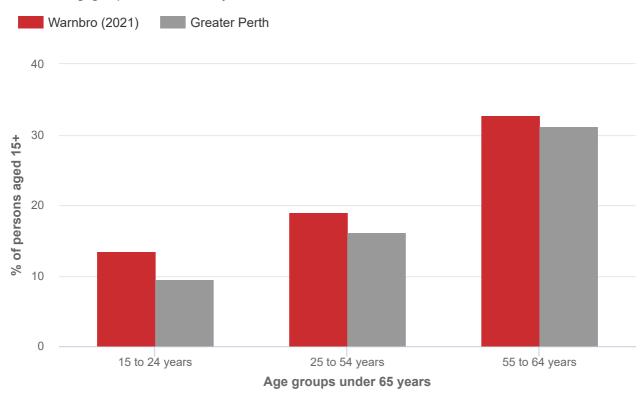
Warnbro (2021) (Usual residence	- Persons aged 15+ e)		2016			2011		Change
Age group	Engagement status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
15 to 24 years	Fully engaged	4,400	65.7	72.8	4,408	69.1	74.5	-9
15 to 24 years	Partially engaged	973	14.5	12.0	847	13.3	11.0	+126
15 to 24 years	Disengaged	898	13.4	9.4	783	12.3	8.4	+114
15 to 24 years	Undetermined/Not stated	423	6.3	5.7	342	5.4	6.0	+80
15 to 24 years	Total	6,694	100.0	100.0	6,382	100.0	100.0	+312
25 to 54 years	Fully engaged	10,312	51.3	54.8	9,809	53.6	56.6	+503
25 to 54 years	Partially engaged	4,520	22.5	22.1	4,285	23.4	22.4	+234
25 to 54 years	Disengaged	3,820	19.0	16.2	3,128	17.1	14.8	+692
25 to 54 years	Undetermined/Not stated	1,433	7.1	6.9	1,091	6.0	6.1	+341
25 to 54 years	Total	20,085	100.0	100.0	18,315	100.0	100.0	+1,770
55 to 64 years	Fully engaged	1,543	39.3	38.3	1,132	36.7	39.3	+410
55 to 64 years	Partially engaged	842	21.4	24.1	700	22.7	24.2	+141
55 to 64 years	Disengaged	1,286	32.7	31.3	1,079	34.9	31.0	+207
55 to 64 years	Undetermined/Not stated	259	6.6	6.3	175	5.7	5.5	+84
55 to 64 years	Total	3,930	100.0	100.0	3,088	100.0	100.0	+842
65 years and over	Fully engaged	156	4.0	5.3	73	2.5	4.7	+83
65 years and over	Partially engaged	232	6.0	8.4	127	4.4	7.5	+104
65 years and over	Disengaged	3,008	77.6	75.7	2,373	81.8	76.6	+634
65 years and over	Undetermined/Not stated	481	12.4	10.7	326	11.3	11.2	+154
65 years and over	Total	3,877	100.0	100.0	2,901	100.0	100.0	+976
Total aged 15+	Fully engaged	16,411	47.4	47.0	15,423	50.3	49.4	+987
Total aged 15+	Partially engaged	6,567	19.0	18.4	5,961	19.4	18.3	+606
Total aged 15+	Disengaged	9,012	26.1	27.3	7,364	24.0	25.5	+1,647
Total aged 15+	Undetermined/Not stated	2,596	7.5	7.3	1,937	6.3	6.8	+659
Total aged 15+	Total	34,586	100.0	100.0	30,686	100.0	100.0	+3,899

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts.

#### a <u>Disengaged youth (aged 15-24 not employed or in education)</u>

### Disengaged persons by age, 2016

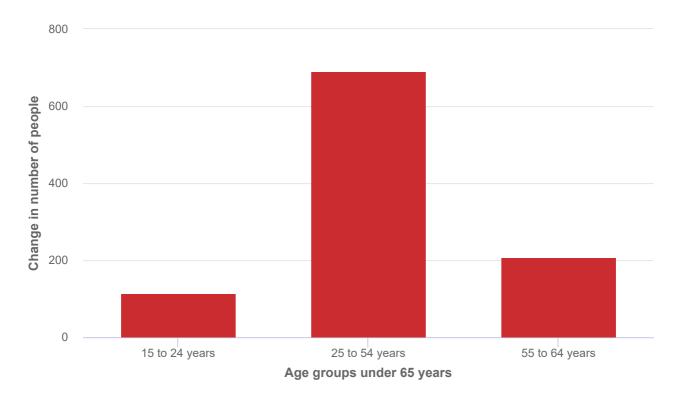
Total disengaged persons under 65 years



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in disengaged persons by age, 2011 to 2016

Warnbro (2021) - Total disengaged persons under 65 years



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

# **Emerging groups**

The number of people aged 15 to 24 years in Warnbro (2021) in 2016 was 6,694, of this, 13.4% were disengaged and 14.5% were partially engaged, compared to 9.4% and 12.0% respectively for Greater Perth.

### Dominant groups

Between 2011 and 2016, the number of people 15 to 24 years in Warnbro (2021) showed an increase of 312.

The number of disengaged people aged 15 to 24 years showed an increase of 115 or 14.7%.

### Volunteer work

The voluntary work sector is an important part of Australia's economy. The level of volunteering can indicate the cohesiveness of the community and how readily individuals are able to contribute to that community. Factors impacting on the level of volunteering in Warnbro (2021) include the Age Structure of the population, the level of Proficiency in English, Income and Education levels.

#### Volunteer work

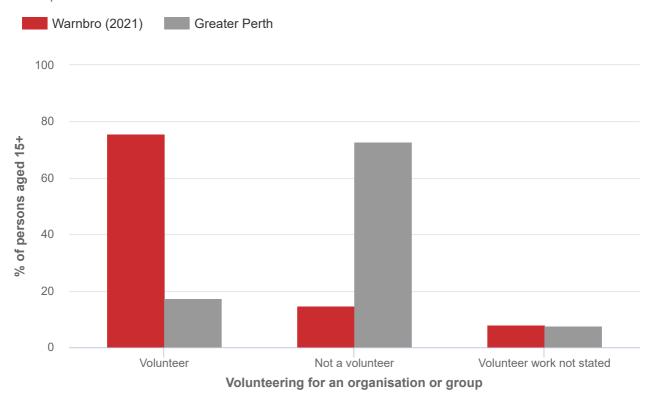
Warnbro (2021) - Persons aged 15+ (Usual residence)		2016			2011		Change
Volunteer status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Volunteer	26,606	76.9	17.9	4,320	13.9	15.6	+22,286
Not a volunteer	5,170	14.9	74.2	24,262	78.2	76.2	-19,092
Volunteer work not stated	2,818	8.1	7.9	2,436	7.9	8.2	+382
Total persons aged 15+	34,594	100.0	100.0	31,018	100.0	100.0	+3,576

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

#### Volunteer work, 2016

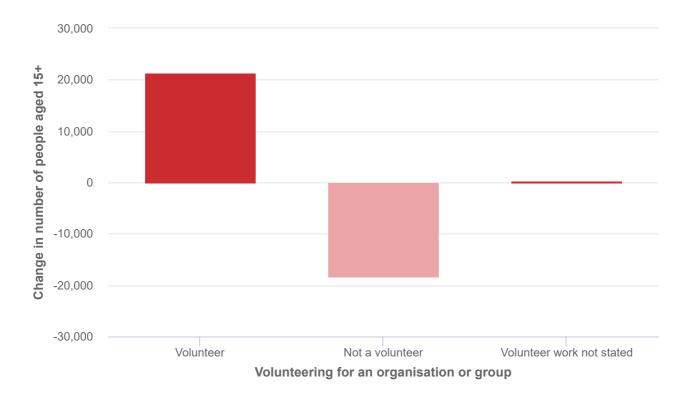
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in volunteer work, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the voluntary work performed by the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people who volunteered for an organisation or group.

Overall, 76.9% of the population reported performing voluntary work, compared with 17.9% for Greater Perth.

# **Emerging groups**

The number of volunteers in Warnbro (2021) increased by 22,286 people between 2011 and 2016.

## Unpaid domestic work

There has been increased interest in identifying, acknowledging and valuing the unpaid work that supports home and community life. The changing amount of time spent on unpaid housework in different Household Types and, particularly the distribution of this work within the household, can indicate the changing roles of males, females and older children in society. The level of unpaid domestic work in Warnbro (2021) may also be related to Household Income, as higher income households are able to outsource some of these tasks.

## Unpaid domestic work

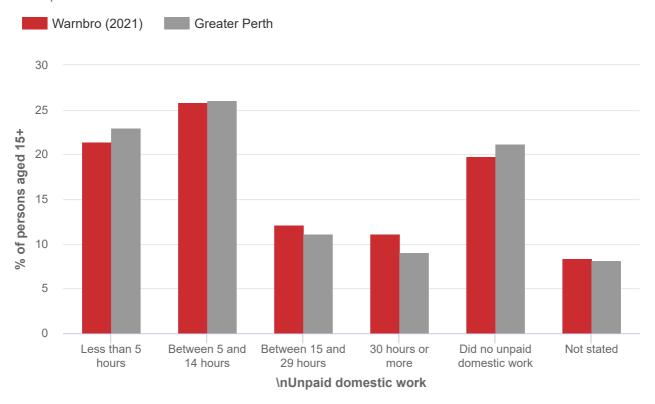
Warnbro (2021) - Persons aged 15+ (Usual residence)	2016			2011			Change
Hours spent on unpaid domestic work	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Did unpaid domestic work	0		70.2	22,264	71.8	70.6	-22,264
Less than 5 hours	7,494	21.7	23.3	6,625	21.4	23.1	+869
Between 5 and 14 hours	9,063	26.2	26.5	8,064	26.0	26.0	+999
Between 15 and 29 hours	4,252	12.3	11.3	3,797	12.2	11.6	+455
30 hours or more	3,911	11.3	9.1	3,777	12.2	10.0	+134
Did no unpaid domestic work	6,942	20.1	21.5	6,228	20.1	21.0	+714
Not stated	2,924	8.5	8.3	2,509	8.1	8.5	+414
Total persons aged 15+	34,586	100.0	100.0	31,001	100.0	100.0	+3,584

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.i.d., the population experts.

Please refer to specific data notes for more information

#### Unpaid domestic work, 2016

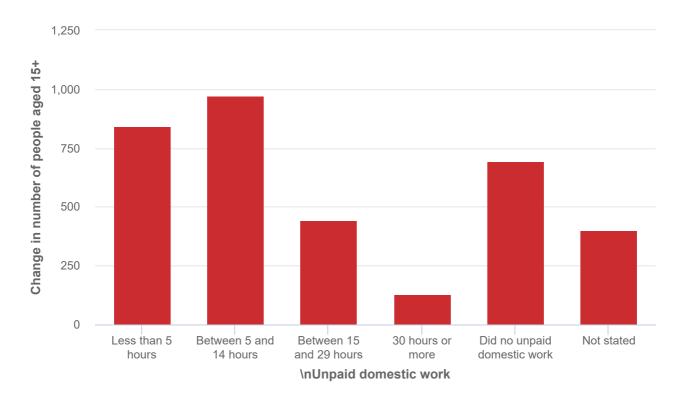
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in unpaid domestic work, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Analysis of the unpaid domestic work performed by the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of persons who performed 15 hours or more of unpaid domestic work per week.

Overall, 24% of the population reported performing 15 hours or more of unpaid domestic work, compared with 20.4% for Greater Perth.

The major differences between the share of the population performing unpaid domestic work in Warnbro (2021) and Greater Perth were:

- A larger percentage of persons who did unpaid domestic work (total) (11.3% compared to 9.1%)
- A *smaller* percentage of persons who did domestic work (0.0% compared to 70.2%)
- A *smaller* percentage of persons who did between 5 and 14 hours of domestic work (21.7% compared to 23.3%)
- A smaller percentage of persons who did no unpaid domestic work (20.1% compared to 21.5%)

# **Emerging groups**

The largest changes in the number of people performing unpaid domestic work in Warnbro (2021), between 2011 and 2016 were those who:

- Did unpaid domestic work (-22,264 persons)
- Between 5 and 14 hours (+999 persons)
- Less than 5 hours (+869 persons)
- Did no unpaid domestic work (+714 persons)

# Unpaid care

The proportion of people providing unpaid care for the aged and disabled in Warnbro (2021) can be an important indicator of the level of demand for aged care services and facilities by local and state governments. An increasing proportion of carers among the population may indicate inadequate aged care provision, or the need for in-home support, or support for the carers themselves. The level of care provided by individuals is likely to be affected by Household Income, Age Structure and the ethnic makeup of the community (Language Spoken), as well as the sense of community cohesiveness.

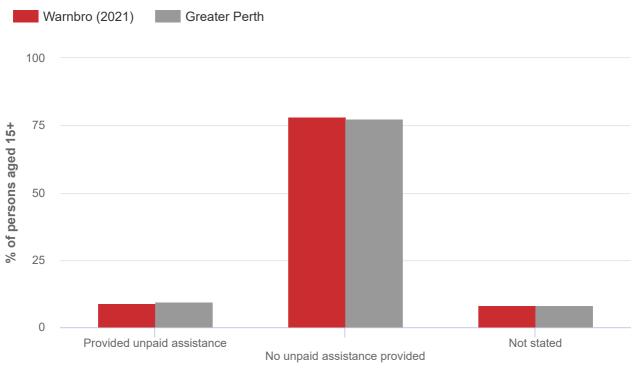
#### Unpaid care

Warnbro (2021) - Persons aged 15+ (Usual residence)	2016				Change		
Assistance to a person with a disability, long term illness or old age	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Provided unpaid assistance	3,175	9.2	9.9	2,686	8.7	9.4	+488
No unpaid assistance provided	28,397	82.1	81.6	25,825	83.3	82.1	+2,571
Not stated	3,013	8.7	8.5	2,489	8.0	8.5	+524
Total persons aged 15+	34,585	100.0	100.0	31,001	100.0	100.0	+3,583

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

#### Unpaid care, 2016

Total persons

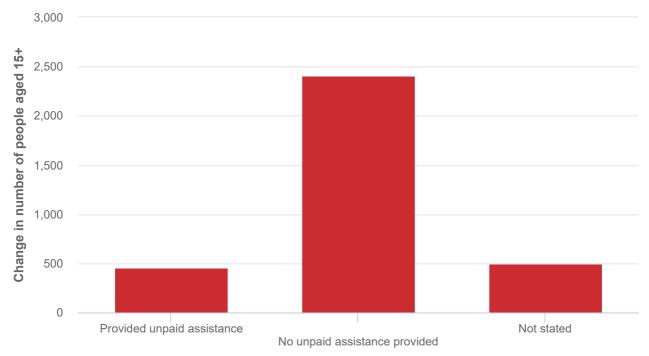


Unpaid assistance to a person with a disability, long term illness or old age

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in unpaid care, 2011 to 2016

Warnbro (2021) - Total persons



Unpaid assistance to a person with a disability, long term illness or old age

Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

# **Dominant groups**

Analysis of the unpaid care provided by the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a lower proportion of people who provided unpaid care either to family members or others.

Overall, 9.2% of the population provided unpaid care, compared with 9.9% for Greater Perth.

# **Emerging groups**

The number of people who provided unpaid assistance to a person with a disability, long term illness or old age in Warnbro (2021) increased by 489 between 2011 and 2016.

# Unpaid childcare

The role of unpaid childcare in Warnbro (2021) is determined by many different factors. For example areas with high levels of unpaid child care may have a dominance of single income families with one significant earner, or there could be a lack of provision of paid child care in the area. The level to which people care for others children can also indicate the role of extended family (eg. grandparents caring for grandchildren, family day care).

The role of unpaid child care is a complex one so this topic should be viewed in conjunction with several others, including Household Type, Employment, Household Income and Educational Attendance.

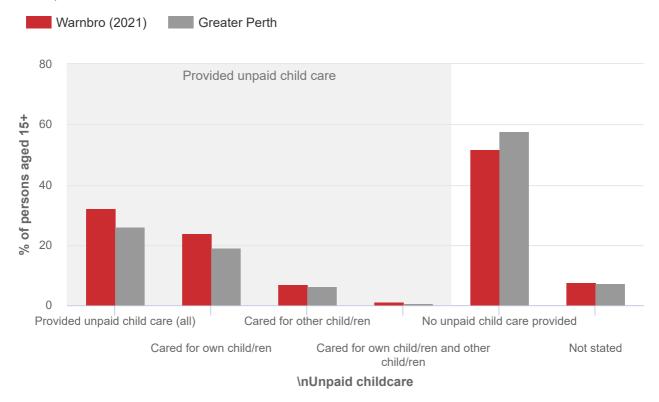
## Unpaid childcare

Warnbro (2021) - Persons aged 15+ (Usual residence)	2016				Change		
Unpaid child care	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Provided unpaid child care (all)	12,140	35.1	28.7	11,490	37.0	28.2	+650
Cared for own child/ren	9,091	26.3	20.9	8,724	28.1	20.1	+366
Cared for other child/ren	2,589	7.5	7.1	2,305	7.4	7.1	+283
Cared for own child/ren and other child/ren	460	1.3	0.8	459	1.5	1.0	+1
No unpaid child care provided	19,591	56.6	63.2	17,142	55.3	63.9	+2,448
Not stated	2,854	8.3	8.0	2,383	7.7	7.9	+470
Total persons aged 15+	34,585	100.0	100.0	31,016	100.0	100.0	+3,568

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.i.d., the population experts.

#### Unpaid childcare, 2016

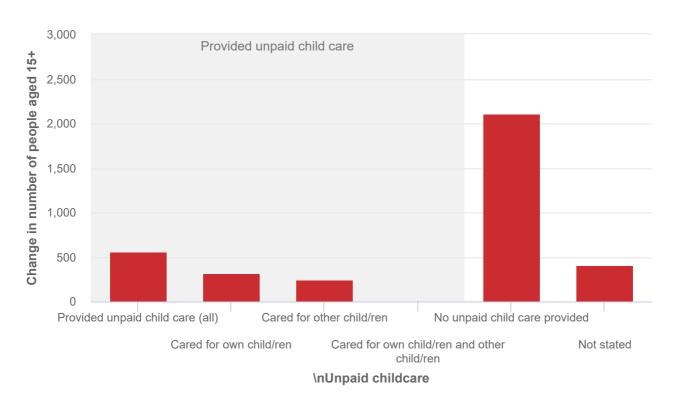
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### Change in unpaid childcare, 2011 to 2016

Warnbro (2021) - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

#### **Dominant groups**

Analysis of the unpaid child care provided by the population in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people who provided unpaid child care either to their own or to other children. Overall, 35.1% of the population provided unpaid child care, compared with 28.7% for Greater Perth.

The major differences between the share of the population providing unpaid child care in Warnbro (2021) and Greater Perth were:

- A *larger* percentage who provided unpaid childcare for own child/ren (26.3% compared to 20.9%)
- A smaller percentage who did not provide care for children (56.6% compared to 63.2%)

## **Emerging groups**

The number of people who provided unpaid child care for their own and/or other people's children in Warnbro (2021) increased by 650 between 2011 and 2016.

The largest changes in the number of people performing unpaid child care in Warnbro (2021), between 2011 and 2016 were those who:

- No unpaid child care provided (+2,448 persons)
- Cared for own child/ren (+366 persons)
- Cared for other child/ren (+283 persons)

#### Individual income

Individual Income statistics are an indicator of socio-economic status. With other data sources, such as Household Income, Qualifications and Occupation, they help tell the story of the economic opportunities and socio-economic status of Warnbro (2021). The amount of income an individual receives is linked to a number of factors including employment status, age (as for instance students and retirees often receive a lower income), qualifications and type of employment.

The incomes presented on this page are for the latest Census year only. For comparison of incomes over time, go to Individual Income Quartiles.

## Weekly individual income

Warnbro (2021) - Persons aged 15+ (Usual residence)	2016			
Weekly gross income	Number	%	Greater Perth %	
Negative Income/ Nil income	4,321	12.5	10.7	
\$1 - \$149	1,755	5.1	4.4	
\$150 - \$299	2,221	6.4	6.5	
\$300 - \$399	2,327	6.7	7.2	
\$400 - \$499	2,064	6.0	6.9	
\$500 - \$649	2,240	6.5	6.7	
\$650 - \$799	2,169	6.3	6.4	
\$800 - \$999	2,429	7.0	7.4	
\$1,000 - \$1,249	2,695	7.8	8.5	
\$1,250 - \$1,499	2,039	5.9	6.2	
\$1,500 - \$1,749	1,846	5.3	5.5	
\$1,750 - \$1,999	1,530	4.4	4.0	
\$2,000 - \$2,999	2,623	7.6	6.8	
\$3,000 or more	1,251	3.6	4.3	
Not stated	3,078	8.9	8.6	
Total persons aged 15+	34,588	100.0	100.0	

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016. Compiled and presented in profile.id by <u>.id</u>, the population experts.

#### Weekly individual income, 2016





Weekly gross income

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

# **Dominant groups**

Analysis of individual income levels in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of people earning a high income (those earning \$1,750 per week or more) as well as a higher proportion of low income people (those earning less than \$500 per week).

Overall, 15.6% of the population earned a high income, and 36.7% earned a low income, compared with 15.1% and 35.7% respectively for Greater Perth.

The major differences between Warnbro (2021)'s individual incomes and Greater Perth's individual incomes were:

- A larger percentage of persons who earned Negative Income/ Nil income (12.5% compared to 10.7%)
- A larger percentage of persons who earned \$2,000 \$2,999 (7.6% compared to 6.8%)
- A *smaller* percentage of persons who earned \$400 \$499 (6.0% compared to 6.9%)

# Warnbro (2021) Individual income quartiles

Warnbro (2021)'s income statistics are an indicator of socio-economic status. With other data sources, such as <a href="Household Income">Household Income</a>, <a href="Qualifications">Qualifications</a> and <a href="Occupation">Occupation</a>, they help tell the story of the area's economic opportunities and socio-economic status. Individual income levels are not comparable over time because of the influences of economic change such as wage level fluctuations and inflation. The income quartile method is the most objective method of comparing change in the income profile of a community over time.

A detailed explanation of how Individual Income quartiles are calculated and interpreted is available in <u>specific data</u> notes.

#### Individual income quartiles

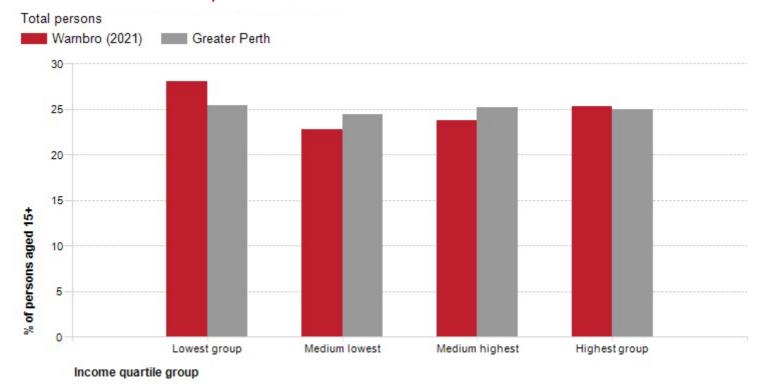
Warnbro (2021) - Persons aged 15+ (Usual residence)	2016				Change		
			Greater Perth				
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	8,828	28.0	25.4	7,708	27.0	25.1	+1,121
Medium lowest	7,173	22.8	24.4	6,426	22.5	24.5	+747
Medium highest	7,511	23.8	25.2	6,948	24.3	25.4	+562
Highest group	7,997	25.4	25.0	7,481	26.2	24.9	+515
Total persons aged 15+	31,509	100.0	100.0	28,565	100.0	100.0	+2,945

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

## Individual income - Quartile group dollar ranges

Calculated from income data for WA - Total persons aged 15+	5+ Weekly income by Census year				
Individual quartile ranges	2016	2011	2006	2001	
Lowest group	\$0 to \$322	\$0 to \$284	\$0 to \$219	\$0 to \$178	
Medium lowest	\$323 to \$723	\$285 to \$661	\$220 to \$500	\$179 to \$374	
Medium highest	\$724 to \$1,407	\$662 to \$1,271	\$501 to \$941	\$375 to \$692	
Highest group	\$1,408 and over	\$1,272 and over	\$942 and over	\$693 and over	

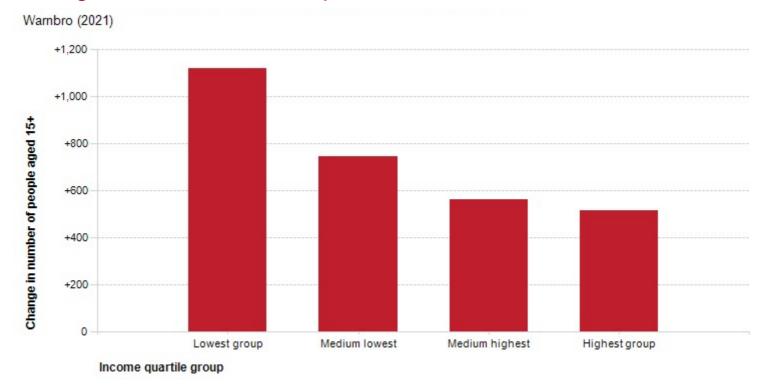
## Individual income quartiles, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



# Change in individual income quartiles, 2011 to 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



#### **Dominant groups**

Income quartiles allow us to compare relative income-earning capabilities across time. Analysis of the distribution of the population by income quartile in Warnbro (2021) compared to Greater Perth shows that there was similar proportion of persons in the highest income quartile and a greater proportion in the lowest income quartile.

# **Emerging groups**

The most significant change in Warnbro (2021) in persons between 2011 and 2016 was in the lowest quartile which showed an increase of 1,121 persons.

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#### Household income

Households form the common 'economic unit' in our society. Warnbro (2021)'s Household Income is one of the most important indicators of socio-economic status. With other data sources, such as Qualifications and Occupation, it helps to reveal the economic opportunities and socio-economic status of Warnbro (2021). It is important to note that income data is not necessarily a measure of wealth. For example, if an area has a large number of retirees this will produce a higher proportion of households with low income but the retirees may have large capital wealth. For this reason, household income should be viewed in conjunction with Age and Household Composition.

The incomes presented on this page are for the latest Census year only. For comparison of incomes over time, go to Household Income Quartiles.

Learn more about the characteristics of low-income households here.

# Weekly household income

Warnbro (2021) - Total households (Enumerated)		2016	
Weekly income	Number	%	Greater Perth %
Neg/Nil Income	205	1.4	1.6
\$1 - \$149	65	0.4	0.7
\$150 - \$299	209	1.4	1.9
\$300 - \$399	257	1.8	2.4
\$400 - \$499	560	3.9	5.4
\$500 - \$649	475	3.3	3.8
\$650 - \$799	765	5.3	5.8
\$800 - \$999	759	5.2	5.6
\$1,000 - \$1,249	964	6.6	7.3
\$1,250 - \$1,499	964	6.6	6.7
\$1,500 - \$1,749	881	6.1	5.8
\$1,750 - \$1,999	884	6.1	5.6
\$2,000 - \$2,499	1,813	12.5	11.3
\$2,500 - \$2,999	1,125	7.8	7.0
\$3,000 - \$3,499	756	5.2	4.7
\$3,500 - \$3,999	633	4.4	4.6
\$4,000 - \$4,499	354	2.4	2.4
\$4,500 - \$4,999	296	2.0	2.3
\$5,000 - \$5,999	237	1.6	2.0
\$6,000 - \$7,999	121	0.8	1.6
\$8,000 or more	19	0.1	0.2
Not stated	2,158	14.9	11.4
Total households	14,500	100.0	100.0

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in profile.id by i.d., the population experts.

- Low income households (less than 650 per week)
- a <u>High income households (more than 2,500 per week)</u>
- a Median household income

#### Weekly household income, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of household income levels in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a similar proportion of high income households (those earning \$2,500 per week or more) and a lower proportion of low income households (those earning less than \$650 per week).

Overall, 24.4% of the households earned a high income and 12.2% were low income households, compared with 24.8% and 15.7% respectively for Greater Perth.

#### The major differences between the household incomes of Warnbro (2021) and Greater Perth were:

- A larger percentage of households who earned Not stated (14.9% compared to 11.4%)
- A *larger* percentage of households who earned \$2,000 \$2,499 (12.5% compared to 11.3%)
- A smaller percentage of households who earned \$400 \$499 (3.9% compared to 5.4%)

# Warnbro (2021) Household income quartiles

Households form the common 'economic unit' in our society. Household Income is one of the most important indicators of socio-economic status. With other data sources, such as <a href="Qualifications">Qualifications</a> and <a href="Qualifications">Qocupation</a>, it helps to reveal Warnbro (2021)'s socio-economic status and economic opportunities. Household income levels are not comparable over time because of the influences of economic change such as wage level fluctuations and inflation. The income quartile method is a powerful and objective way of looking at income data and in particular, how it is changing. A detailed explanation of how Household Income quartiles are calculated and interpreted is available in <a href="Specific data">Specific data</a> notes

Learn more about the characteristics of low-income households here.

#### Household income quartiles

Warnbro (2021) - Households (Enumerated)	2016				Change		
			Greater Perth			Greater Perth	
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	2,491	20.2	23.9	2,090	18.7	24.0	+400
Medium lowest	3,023	24.5	24.6	2,600	23.3	24.5	+423
Medium highest	3,544	28.7	25.2	3,282	29.4	25.4	+262
Highest group	3,283	26.6	26.2	3,186	28.5	26.1	+97
Total Households	12,341	100.0	100.0	11,160	100.0	100.0	+1,182

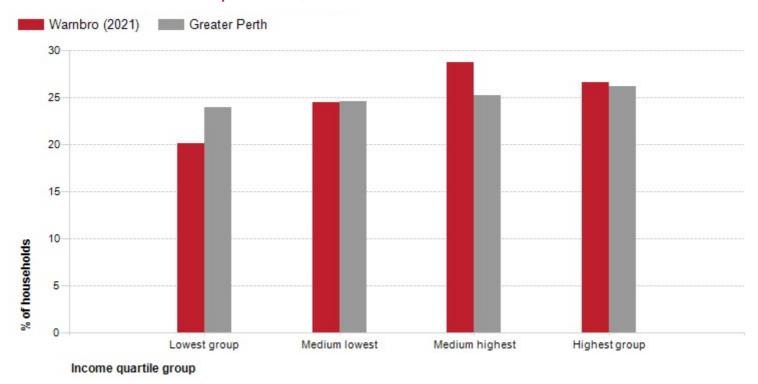
Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

#### Household income - Quartile group dollar ranges

#### Calculated from income data for WA Weekly income by Census year

Household income ranges	2016	2011	2006	2001	1996	1991
Lowest group	\$0 to \$790	\$0 to \$693	\$0 to \$565	\$0 to \$416	\$0 to \$348	\$0 to \$305
Medium lowest	\$791 to \$1,582	\$694 to \$1,405	\$566 to \$1,062	\$417 to \$783	\$349 to \$651	\$306 to \$556
Medium highest	\$1,583 to \$2,614	\$1,406 to \$2,507	\$1,063 to \$1,774	\$784 to \$1,311	\$652 to \$1,094	\$557 to \$910
Highest group	\$2,615 and over	\$2,508 and over	\$1,775 and over	\$1,312 and over	\$1,095 and over	\$911 and over

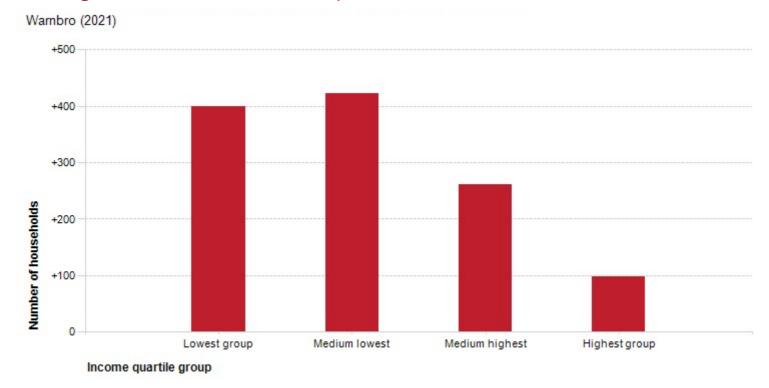
## Household income quartiles, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



## Change in household income quartile, 2011 to 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



## **Dominant groups**

Income quartiles allow us to compare relative income-earning capabilities across time. Analysis of the distribution of households by income quartile in Warnbro (2021) compared to Greater Perth shows that there was similar proportion of households in the highest income quartile and a lesser proportion in the lowest income quartile.

# **Emerging groups**

The most significant change in Warnbro (2021) between 2011 and 2016 was in the medium lowest quartile which showed an increase of 423 households.

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While <u>Household Income</u> is a useful measure, it is difficult to tell if changes over time and between geographic areas are due to actual changes in income levels, or due to changes in household size and composition. For example, an increase in lower income households could be due to job losses in key economic sectors, or simply due to decreasing household size as adult children leave home.

Equivalised Household Income puts all households on an equal footing independent of household size and composition to enable a true comparison between areas and over time. It is an indicator of the income resource available to a household of standard size and is the best measure of the changing economic fortunes of households living in Warnbro (2021).

A detailed explanation of how Equivalised Household Income quartiles are calculated and interpreted is available in specific data notes.

Learn more about the characteristics of low-income households here.

## Equivalised household income quartiles

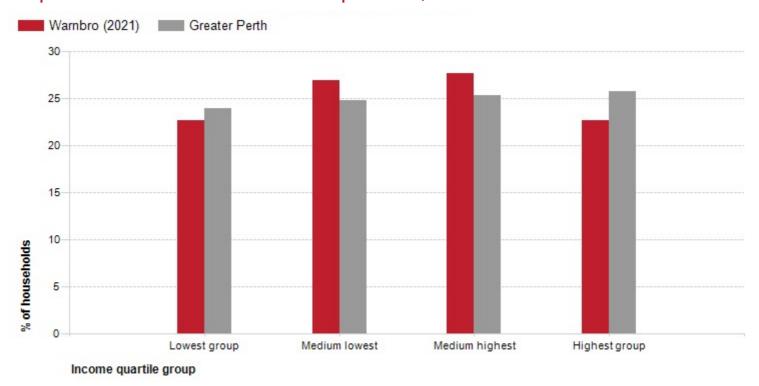
Warnbro (2021) - Households (Enumerated)	2016				Change		
			Greater Perth			Greater Perth	
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	2,783	22.7	24.0	2,350	21.2	23.9	+433
Medium lowest	3,304	26.9	24.9	2,872	25.9	24.7	+432
Medium highest	3,400	27.7	25.3	3,233	29.1	25.6	+166
Highest group	2,788	22.7	25.8	2,649	23.9	25.8	+138
Total Households	12,277	100.0	100.0	11,107	100.0	100.0	+1,169

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>id</u>, the population experts.

### Equivalised household income - Quartile group dollar ranges

Calculated from income data for WA	Weekly income b	y Census year		
Equivalised household income ranges	2016	2011	2006	2001
Lowest group	\$0 to \$538	\$0 to \$485	\$0 to \$374	\$0 to \$285
Medium lowest	\$539 to \$971	\$486 to \$878	\$375 to \$654	\$286 to \$487
Medium highest	\$972 to \$1,559	\$879 to \$1,383	\$655 to \$1,039	\$488 to \$766
Highest group	\$1,560 and over	\$1,384 and over	\$1,040 and over	\$767 and over

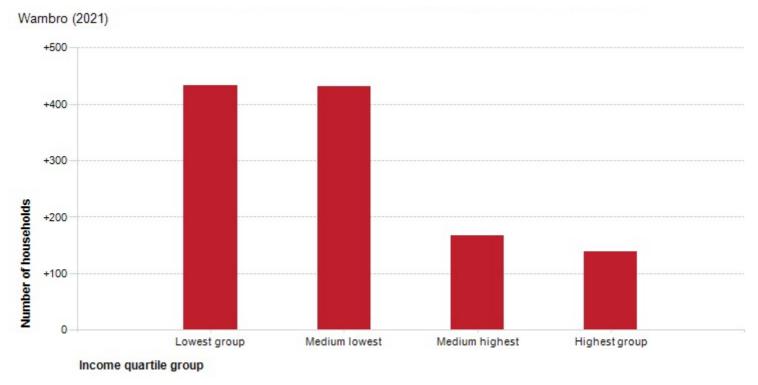
# Equivalised household income quartiles, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



# Change in equivalised household income quartiles, 2011 to 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



#### **Dominant groups**

Equivalised income quartiles allow us to compare relative income-earning capabilities across time. Because the data is equivalised, households of different size and composition are placed on an equal footing.

Analysis of the distribution of households by income quartile in Warnbro (2021) compared to Greater Perth shows that there was a lesser proportion of households in the highest equivalised income quartile, as well as a lesser proportion in the lowest equivalised income quartile.

## **Emerging groups**

The most significant change in Warnbro (2021) between 2011 and 2016 was in the lowest quartile which showed an increase of 433 households.

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# Household type

Warnbro (2021)'s household and family structure is one of the most important demographic indicators. It reveals the area's residential role and function, era of settlement and provides key insights into the level of demand for services and facilities as most are related to age and household types.

To continue building the story, Warnbro (2021)'s Household Summary should be viewed in conjunction with Households with Children, Households without Children, Household Size, Age Structure and Dwelling Type.

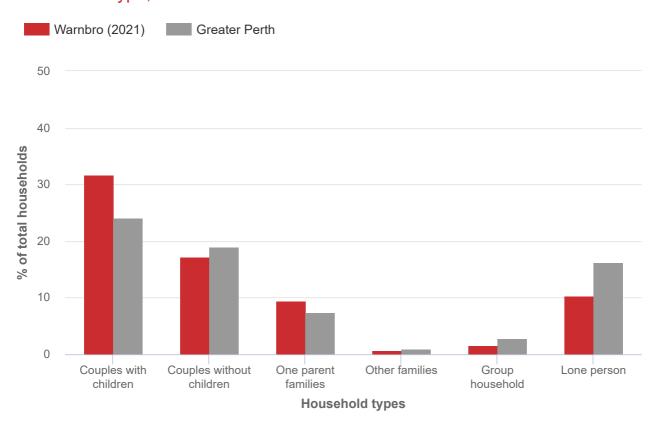
#### Household type

Warnbro (2021) - Total households (Enumerated)	2016				Change		
Households by type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples with children	6,459	42.3	32.3	6,140	44.4	31.6	+318
Couples without children	3,510	23.0	25.4	3,238	23.4	25.7	+272
One parent families	1,906	12.5	9.8	1,618	11.7	9.9	+288
Other families	130	0.9	1.3	110	0.8	1.4	+20
Group household	317	2.1	3.8	349	2.5	4.0	-32
Lone person	2,098	13.8	21.7	1,779	12.9	22.4	+319
Other not classifiable household	756	5.0	4.8	534	3.9	3.9	+221
Visitor only households	78	0.5	1.0	69	0.5	1.1	+9
Total households	15,254	100.0	100.0	13,840	100.0	100.0	+1,414

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

- One parent families with dependent children
- Couple families with dependent children
- Young couples (aged 15-44 years) without children
- a Older couples (65 years and over) without children
- Young lone person households (aged 15-44 years)
- Older lone person households (aged 65 years and over)
- a Average household size

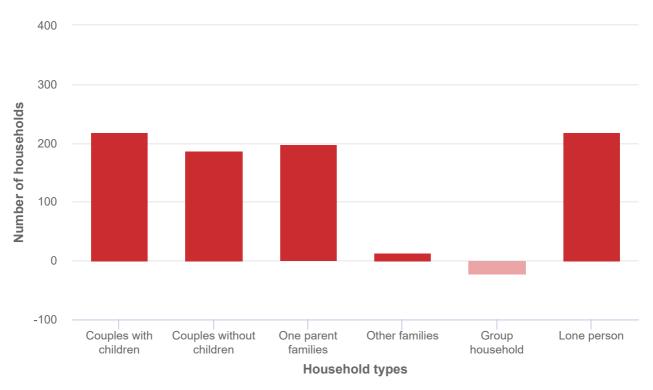
#### Household type, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

# Change in household type, 2011 to 2016





Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### **Dominant groups**

Analysis of the household/family types in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of couple families with child(ren) as well as a higher proportion of one-parent families. Overall, 42.3% of total families were couple families with child(ren), and 12.5% were one-parent families, compared with 32.3% and 9.8% respectively for Greater Perth.

There were a lower proportion of lone person households and a lower proportion of couples without children. Overall, the proportion of lone person households was 13.8% compared to 21.7% in Greater Perth while the proportion of couples without children was 23.0% compared to 25.4% in Greater Perth.

#### **Emerging groups**

The number of households in Warnbro (2021) increased by 1,414 between 2011 and 2016.

The largest changes in family/household types in Warnbro (2021) between 2011 and 2016 were:

- Lone person (+319 households)
- Couples with children (+318 households)
- One parent families (+288 households)
- Couples without children (+272 households)

## Households with children

Households with Children require different services and facilities than other household types, and their needs change as both adults and children age. When many families in an area are at the same stage in their individual lifecycles, it creates a suburb lifecycle. Knowing where a suburb is in a cycle of change helps planners make evidence-based decisions about the demand for services both now and in the future.

For Households with Children in Warnbro (2021), life stage is based on the age of children in the household. The age of the parent(s) is not taken into account.

- Young children: Children aged under 15 only
- **Mixed age children:** One or more children under 15 and one or more children over 15 (must have 2 or more children)
- Older children: Children aged 15 and over only

To continue building the story, Warnbro (2021)'s Household data should be viewed in conjunction with Household Size, Age Structure and Dwelling Type.

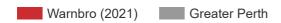
### Households with children by life stage

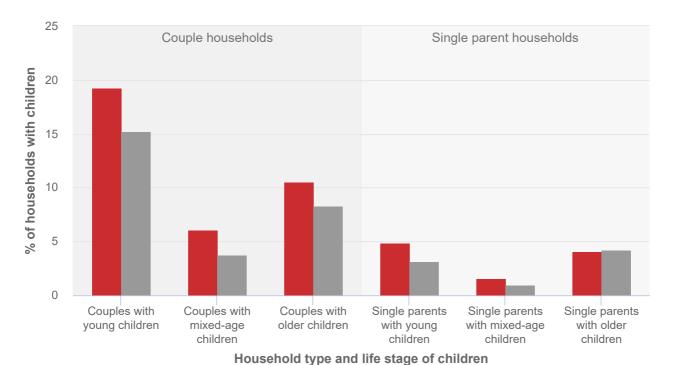
Warnbro (2021) - Households (Enumerated)		2016			2011		Change
Households with children	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples with children	6,459	42.3	32.3	6,140	44.4	31.6	+318
Couples with young children	3,468	22.7	18.0	3,516	25.4	17.3	-48
Couples with mixed-age children	1,095	7.2	4.4	1,122	8.1	4.6	-28
Couples with older children	1,896	12.4	9.9	1,501	10.8	9.7	+395
Single parents with children	1,906	12.5	9.8	1,618	11.7	9.9	+288
Single parents with young children	876	5.7	3.7	805	5.8	3.9	+71
Single parents with mixed-age children	288	1.9	1.1	272	2.0	1.2	+15
Single parents with older children	742	4.9	5.0	540	3.9	4.8	+202
Total households with children	8,365	54.8	42.1	7,759	56.1	41.5	+606
Total households	15,254	100.0	100.0	13,840	100.0	100.0	+1,414

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

- One parent families with dependent children
- a Couple families with dependent children

#### Households with children, 2016

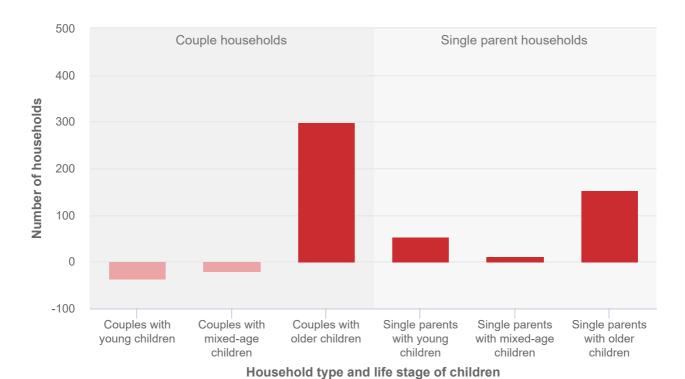




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in households with children, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the families with children in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a larger proportion of couples with young children, as well as a larger proportion of couples with older children.

Overall, 22.7% of total households with children were couple with young children, and 12.4% were couples with older children, compared with 18.0% and 9.9% respectively for Greater Perth.

There were a larger proportion of single parent households with young children and a similar proportion of single parent households with older children. Overall, the proportion of single parent households with young children was 5.7% compared to 3.7% in Greater Perth while the proportion of single parent households with older children was 4.9% compared to 5.0% in Greater Perth.

## **Emerging groups**

Between 2011 and 2016, the number of households with children increased by 606 households or 7.8%.

The largest changes in households with children in this area between 2011 and 2016 were:

- Couples with older children (+395 households)
- Single parents with older children (+202 households)
- Single parents with young children (+71 households)

#### Households without children

Households without Children include couples without children and lone person households. They require different services depending on the age of the people in the households. For example young couples who have not had children (yet) compared to older "empty nester" couples whose children may have left home.

For Households without Children in Warnbro (2021), life stage is based on the age of the household reference person (usually person 1 on the Census form):

Young: Aged 15-44Middle-aged: Aged 45-64Older: Aged 65 and over

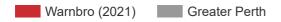
To continue building the story, Warnbro (2021)'s Household data should be viewed in conjunction with Household Size, Age Structure and Dwelling Type.

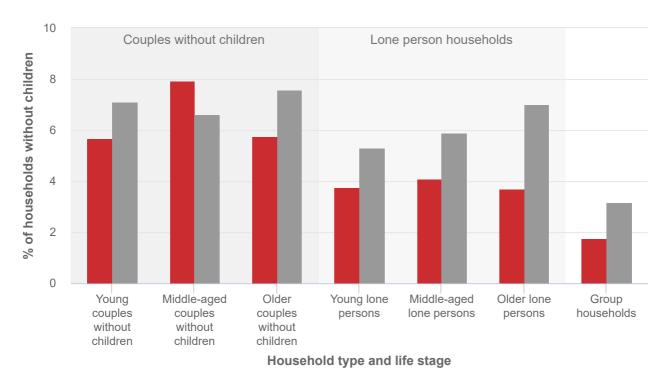
#### Households without children by life stage

Warnbro (2021) - Households (Enumerated)		2016			2011		Change
Households without children	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples without children	3,510	23.0	25.4	3,238	23.4	25.7	+272
Young couples without children	1,030	6.8	8.5	959	6.9	8.3	+71
Middle-aged couples without children	1,437	9.4	7.9	1,355	9.8	9.0	+81
Older couples without children	1,043	6.8	9.0	923	6.7	8.4	+120
Lone person households	2,098	13.8	21.7	1,779	12.9	22.4	+319
Young lone persons	684	4.5	6.3	666	4.8	6.9	+17
Middle-aged lone persons	743	4.9	7.0	628	4.5	7.5	+115
Older lone persons	671	4.4	8.4	484	3.5	8.0	+187
Group households	317	2.1	3.8	349	2.5	4.0	-32
Total households without children	5,925	38.8	50.9	5,366	38.8	52.1	+558
Total households	15,254	100.0	100.0	13,840	100.0	100.0	+1,414

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

#### Households without children, 2016

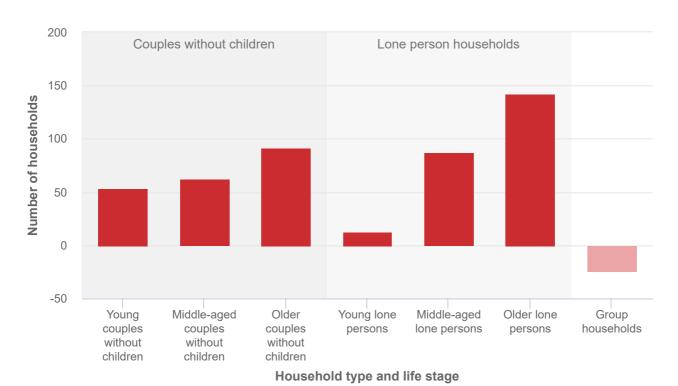




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in households without children, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the households without children in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a smaller proportion of young couples without children, a larger proportion of middle-aged couples without children, and a smaller proportion of older couples without children.

In addition, there were a smaller proportion of young lone person households, a smaller proportion of middle-aged lone person households, and a smaller proportion of older lone person households.

## **Emerging groups**

Between 2011 and 2016, the number of households without children increased by 559.

The largest changes in households without children in Warnbro (2021), between 2011 and 2016 were:

- Older lone persons (+187 persons)
- Older couples without children (+120 persons)
- Middle-aged lone persons (+115 persons)
- Middle-aged couples without children (+81 persons)

#### Household size

The size of households in general follows the life-cycle of families. Households are usually small at the stage of relationship formation (early marriage), and then increase in size with the advent of children. They later reduce in size again as these children reach adulthood and leave home. Household size can also be influenced by a lack (or abundance) of affordable housing. Overseas migrants and indigenous persons often have a tradition of living with extended family members which significantly affects household size.

Household size in Australia has declined since the 1970s but between 2006 and 2016, the average household size remained stable for the nation as a whole.

An increasing household size in an area may indicate a lack of affordable housing opportunities for young people, an increase in the birth rate or an increase in family formation in the area. A declining household size may indicate children leaving the area when they leave home, an increase in retirees settling in the area, or an attraction of young singles and couples to the area.

For greater insight, Warnbro (2021)'s Household Size data should be viewed in conjunction with Household Summary, Age Structure, Dwelling Type, Household Income and Language Spoken at Home.

#### Household size

Warnbro (2021) - Households (Enumerated)	2016				Change		
Number of persons usually resident	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
1 person	2,097	14.5	23.0	1,761	13.3	23.6	+335
2 persons	4,292	29.8	33.4	3,966	30.1	34.0	+326
3 persons	2,819	19.6	16.8	2,437	18.5	16.3	+381
4 persons	3,186	22.1	17.0	3,091	23.4	16.5	+95
5 persons	1,414	9.8	6.7	1,325	10.0	6.6	+89
6 or more persons	605	4.2	3.1	615	4.7	2.9	-10
Total classifiable households	14,413	100.0	100.0	13,197	100.0	100.0	+1,216

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

# Household size - Summary

Warnbro (2021) - Enumerated	2016				Change		
Dwellings	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Occupied private dwellings	15,248		   	13,831			+1,417
Persons in occupied private dwellings	44,109			40,812			+3,297
Average household size (persons per dwelling)	2.89		2.55	2.95		2.55	-0.06

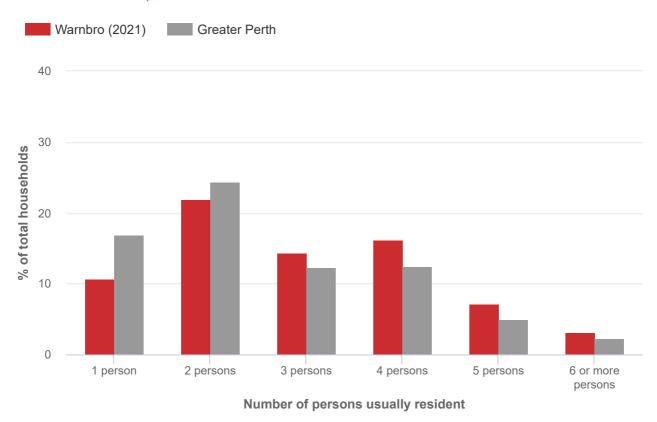
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented in profile.id by id , the population experts.

Please refer to specific data notes for more information

The 'Dwellings' table is enumerated data.

#### a Average household size

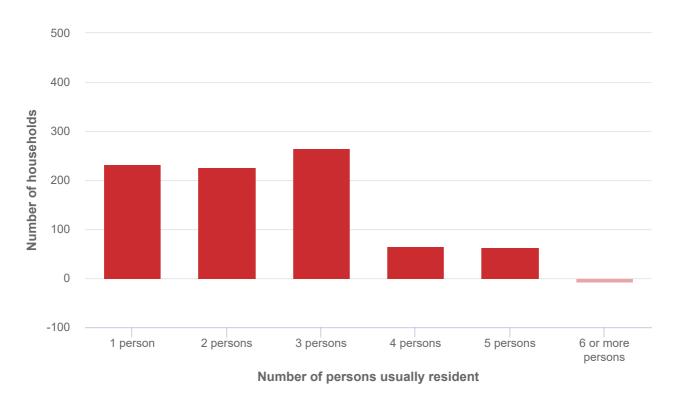
#### Household size, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in household size, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the number of persons usually resident in a household in Warnbro (2021) compared with Greater Perth shows that there were a lower proportion of lone person households, and a higher proportion of larger households (those with 4 persons or more). Overall there were 14.5% of lone person households, and 36.1% of larger households, compared with 23.0% and 26.8% respectively for Greater Perth.

The major differences in the household size for Warnbro (2021) and Greater Perth were:

- A *larger* percentage of households with 4 persons usually resident (22.1% compared to 17.0%)
- A larger percentage of households with 5 persons usually resident (9.8% compared to 6.7%)
- A *smaller* percentage of households with 1 person usually resident (14.5% compared to 23.0%)
- A smaller percentage of households with 2 persons usually resident (29.8% compared to 33.4%)

### **Emerging groups**

The number of households in Warnbro (2021) increased by 1,216 between 2011 and 2016.

The largest changes in the number of persons usually resident in a household in Warnbro (2021) between 2011 and 2016 were:

- 3 persons (+381 households)
- 1 person (+335 households)
- 2 persons (+326 households)
- 4 persons (+95 households)

# Family blending

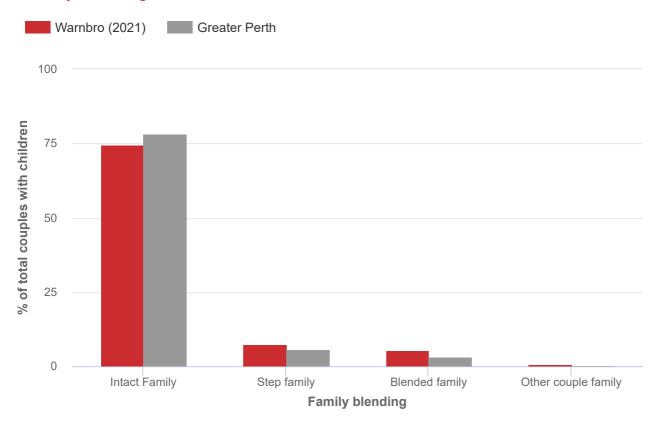
Information on blended and intact families can be an indicator of the level of family breakup and repartnering within the area, and a potential indicator of socio-economic disadvantage. Family blending only applies to couple families with children. For information more broadly about household and family types, including single-parent families, please see Household Type, Households with Children, and Households without Children.

## Family blending

Warnbro (2021) - Total couples with children (Enumerated)	2016				Change		
Family blending by type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Intact Family	5,512	84.9	89.4	5,214	85.2	88.3	+297
Step family	545	8.4	6.5	503	8.2	7.3	+42
Blended family	385	5.9	3.6	383	6.3	4.0	+2
Other couple family	50	0.8	0.4	19	0.3	0.4	+31
Total couples with children	6,492	100.0	100.0	6,120	100.0	100.0	+372

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts.

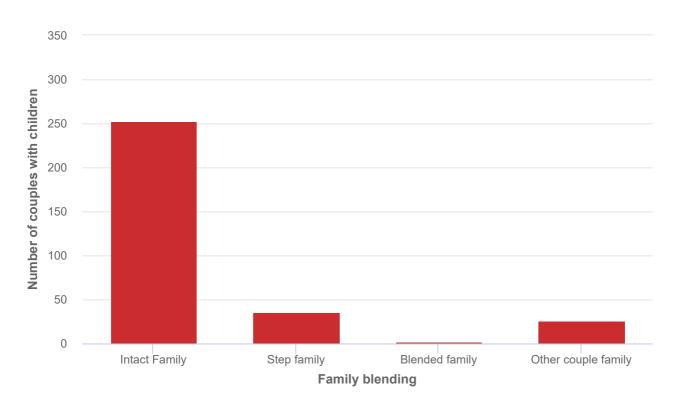
#### Family blending, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in family blending, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the family blending in Warnbro (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of step families as well as a higher proportion of blended families. Overall, 8.4% of total couple families with children were step families, and 5.9% were blended families, compared with 6.5% and 3.6% respectively for Greater Perth.

There were a similar proportion of other families and a lower proportion of couples without children. Overall, the proportion of other families was 0.8% compared to 0.4% in Greater Perth while the proportion of intact families was 84.9% compared to 89.4% in Greater Perth.

# **Emerging groups**

The number of couple families with children in Warnbro (2021) increased by 372 between 2011 and 2016.

The largest change in family blending in Warnbro (2021) between 2011 and 2016 was:

• Intact Family (+297 couples with children)

# Dwelling type

Dwelling Type is an important determinant of Warnbro (2021)'s residential role and function. A greater concentration of higher density dwellings is likely to attract more young adults and smaller households, often renting. Larger, detached or separate dwellings are more likely to attract families and prospective families. The residential built form often reflects market opportunities or planning policy, such as building denser forms of housing around public transport nodes or employment centres.

Dwelling Type statistics should be viewed in conjunction with Household Size, Household Types, Housing Tenure and Age Structure for a more complete picture of the housing market in Warnbro (2021).

#### **Dwelling structure**

Warnbro (2021) - Dwellings (Enumerated)	2016				Change		
Dwelling type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Separate house	16,105	95.1	74.6	14,837	97.4	76.7	+1,267
Medium density	808	4.8	19.6	363	2.4	17.9	+445
High density	0		5.1	0		4.8	0
Caravans, cabin, houseboat	8	0.0	0.3	6	0.0	0.4	+2
Other	7	0.0	0.2	27	0.2	0.1	-20
Not stated	14	0.1	0.2	0		0.1	+14
Total Private Dwellings	16,942	100.0	100.0	15,234	100.0	100.0	+1,708

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts.

Please refer to specific data notes for more information

#### Dwelling type

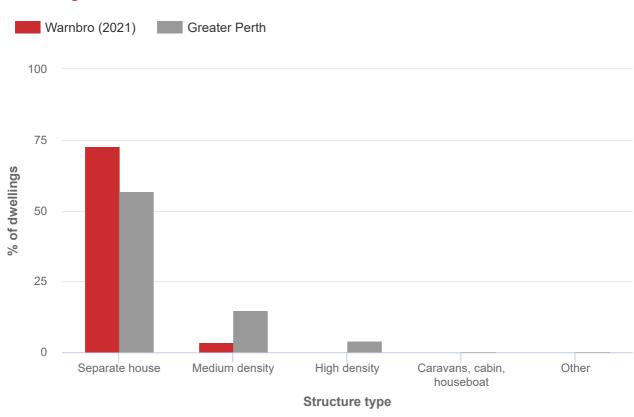
Warnbro (2021)	2016				Change		
Dwelling type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Occupied private dwellings	15,256	90.0	89.4	13,831	90.8	90.8	+1,425
Unoccupied private dwellings	1,689	10.0	10.5	1,406	9.2	9.1	+283
Non private dwellings	0		0.1	3	0.0	0.1	-3
Total dwellings	16,945	100.0	100.0	15,240	100.0	100.0	+1,704

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.i.d., the population experts.

- People in non-private dwellings
- a Vacant dwellings

Please refer to the specific data notes for more information

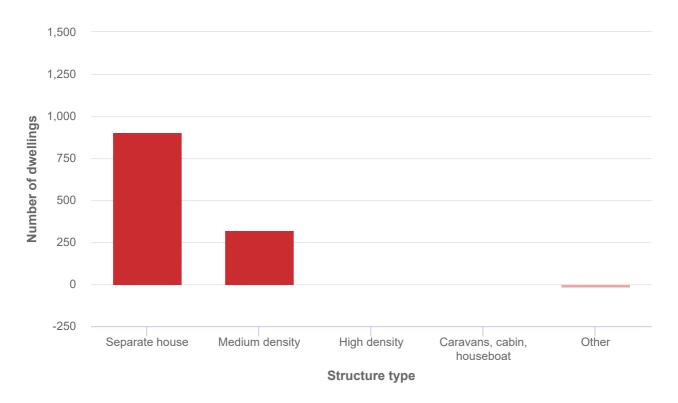
#### Dwelling structure, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in dwelling structure, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## Dominant groups

In 2016, there were 16,105 separate houses in the area, 808 medium density dwellings, and no high density dwellings.

Analysis of the types of dwellings in Warnbro (2021) in 2016 shows that 95.1% of all dwellings were separate houses; 4.8% were medium density dwellings, and 0% were in high density dwellings, compared with 74.6%, 19.6%, and 5.1% in the Greater Perth respectively.

In 2016, a total of 90.0% of the dwellings in Warnbro (2021) were occupied on Census night, compared to 89.4% in Greater Perth. The proportion of unoccupied dwellings was 10.0%, which is smaller compared to that found in Greater Perth (10.5%).

#### **Emerging groups**

The total number of dwellings in Warnbro (2021) increased by 1,705 between 2011 and 2016.

The largest changes in the type of dwellings found in Warnbro (2021) between 2011 and 2016 were:

- Separate house (+1,267 dwellings)
- Medium density (+445 dwellings)

# Warnbro (2021)

# Number of bedrooms per dwelling

The Number of Bedrooms in a dwelling is an indicator of the size of dwellings, and when combined with **Dwelling Type** information, provides insight into the role Warnbro (2021) plays in the housing market. For example, an area of high density dwellings that are predominantly 1-2 bedroom are likely to attract students, single workers and young couples, whereas a high density area with dwellings that are predominantly 2-3 bedroom may attract more empty nesters and some families.

In combination with Household Type and Household Size, the Number of Bedrooms can also indicate issues around housing affordability, overcrowding and other socio-economic factors.

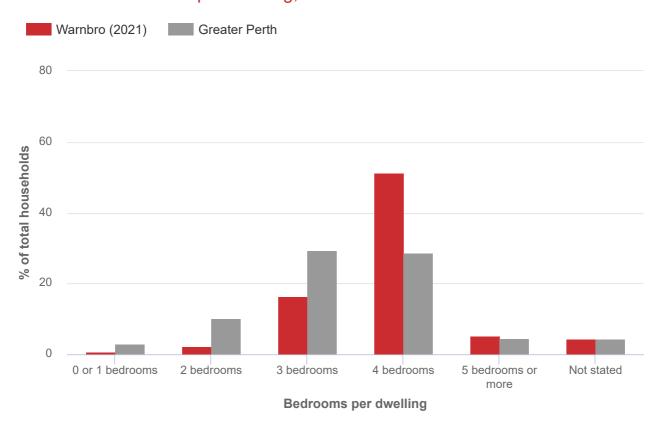
## Number of bedrooms per dwelling

Warnbro (2021) - Households (Enumerated)	2011				Change		
Number of bedrooms	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
0 or 1 bedrooms	99	0.7	3.6	99	0.7	3.6	0
2 bedrooms	404	2.9	12.6	404	2.9	12.6	0
3 bedrooms	2,825	20.4	36.7	2,825	20.4	36.7	0
4 bedrooms	8,858	64.0	36.0	8,858	64.0	36.0	0
5 bedrooms or more	916	6.6	5.5	916	6.6	5.5	0
Not stated	728	5.3	5.5	728	5.3	5.5	0
Total households	13,833	100.0	100.0	13,833	100.0	100.0	0

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2011. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

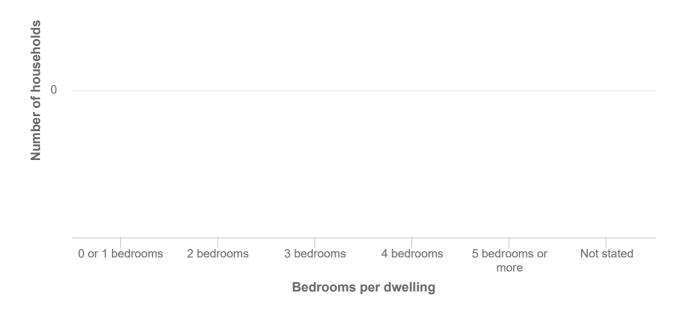
#### Number of bedrooms per dwelling, 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in number of bedrooms per dwelling, 2011 to 2011

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2011 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the number of bedrooms in dwellings in Warnbro (2021) in 2011 compared to Greater Perth shows that there was a lower proportion of dwellings with 2 bedrooms or less, and a higher proportion of dwellings with 4 or more bedrooms.

Overall, 3.6% of households were in dwellings with 2 bedrooms or less, and 70.7% of 4 or more bedroom dwellings, compared with 16.2% and 41.6% for Greater Perth respectively.

The major differences between the number of bedrooms per dwelling of Warnbro (2021) and Greater Perth were:

- A *larger* percentage of 4 bedroom dwellings (64.0% compared to 36.0%)
- A *smaller* percentage of 3 bedroom dwellings (20.4% compared to 36.7%)
- A *smaller* percentage of 2 bedroom dwellings (2.9% compared to 12.6%)
- A smaller percentage of dwellings with 1 or no bedrooms (includes bedsitters) (0.7% compared to 3.6%)

## **Emerging groups**

There were no major differences in Warnbro (2021) between 2011 and 2011.

# Warnbro (2021)

#### Internet connection

An internet connection is now an important utility for most households in Australia. It is increasingly required for accessing essential information and taking part in the digital economy. Australia-wide in 2016, nearly 80% of all households had internet access. However, this decreases with age – seniors are less likely to have internet access at home. The lack of internet access is likely to indicate a level of disadvantage and could be related to socioeconomic factors, age, or geographical isolation.

Internet connectivity in Warnbro (2021) should be looked at in conjunction with Household Type and Age Structure, as well as Education Levels.

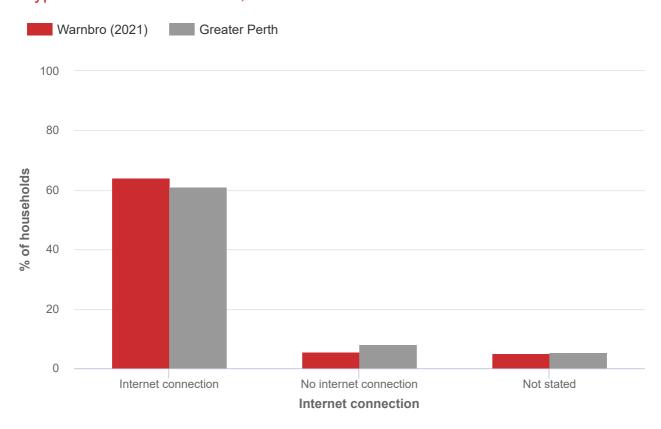
## Type of internet connection

Warnbro (2021) - Households	2016				Change		
Connection type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Internet connection	13,078	85.8	82.3	11,418	82.4	77.0	+1,660
No internet connection	1,128	7.4	10.7	1,380	10.0	15.8	-252
Not stated	1,045	6.9	7.0	1,058	7.6	7.1	-13
Total households	15,251	100.0	100.0	13,856	100.0	100.0	+1,395

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts.

Please refer to specific data notes for more information

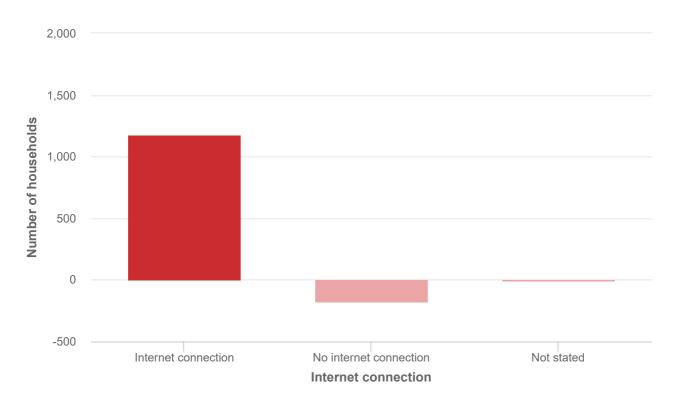
#### Type of internet connection, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in type of internet connection, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

# **Dominant groups**

Analysis of the type of internet connection of households in Warnbro (2021) compared to Greater Perth shows that there was a higher proportion of households with an internet connection

Overall 85.8% of households had an internet connection, compared with 82.3% in Greater Perth.

## **Emerging groups**

Between 2011 and 2016 the number of households with an internet connection increased by 1,660.

# Warnbro (2021)

## Number of cars per household

The ability of the population to access services and employment is strongly influenced by access to transport. The number of motor vehicles per household in Warnbro (2021) quantifies access to private transport and will be influenced by Age Structure and Household Type, which determine the number of adults present; access to Public Transport; distance to shops, services, employment and education; and Household Income. Depending on these factors, car ownership can be seen as a measure of advantage or disadvantage, or a neutral socio-economic measure, which impacts on the environment and quality of life.

#### Car ownership

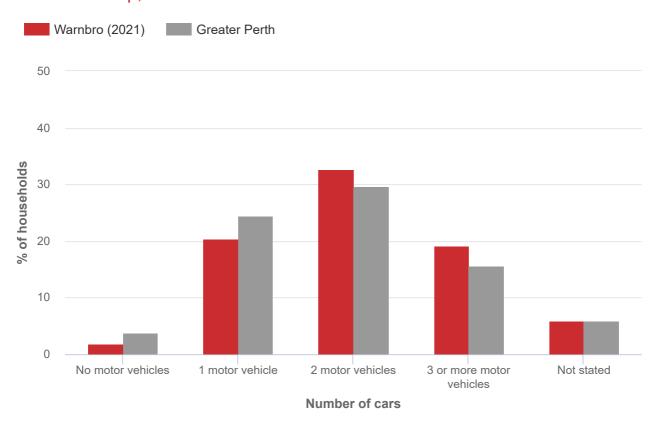
Warnbro (2021) - Households (Enumerated)	2016				Change		
Number of cars	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
No motor vehicles	337	2.2	4.7	342	2.5	6.0	-6
1 motor vehicle	3,891	25.5	30.7	3,822	27.6	32.0	+68
2 motor vehicles	6,233	40.9	37.3	5,967	43.1	37.1	+266
3 or more motor vehicles	3,652	24.0	19.7	2,869	20.7	18.4	+783
Not stated	1,123	7.4	7.5	844	6.1	6.5	+278
Total households	15,236	100.0	100.0	13,846	100.0	100.0	+1,389

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by i.d., the population experts.

Please refer to specific data notes for more information

People who travelled to work by car

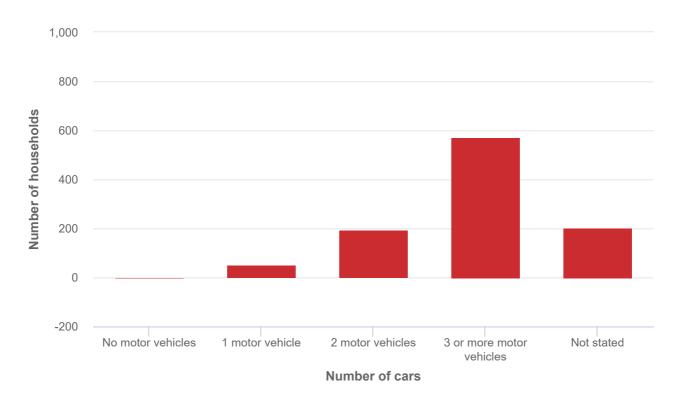
#### Car ownership, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in car ownership, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the car ownership of the households in Warnbro (2021) in 2016 compared to Greater Perth shows that 90.4% of the households owned at least one car, while 2.2% did not, compared with 87.8% and 4.7% respectively in Greater Perth.

Of those that owned at least one vehicle, there was a smaller proportion who owned just one car; a larger proportion who owned two cars; and a larger proportion who owned three cars or more.

Overall, 25.5% of the households owned one car; 40.9% owned two cars; and 24.0% owned three cars or more, compared with 30.7%; 37.3% and 19.7% respectively for Greater Perth.

## **Emerging groups**

The largest changes in the household car ownership in Warnbro (2021) between 2011 and 2016 were:

- 3 or more motor vehicles (+783 households)
- 2 motor vehicles (+266 households)
- 1 motor vehicle (+68 households)

# Warnbro (2021)

## Housing tenure

Warnbro (2021)'s Housing Tenure data provides insights into its socio-economic status as well as the role it plays in the housing market. For example, a high concentration of private renters may indicate a transient area attractive to young singles and couples, while a concentration of home owners indicates a more settled area with mature families and empty-nesters (Household Summary). Tenure can also reflect built form (Dwelling Type), with a significantly higher share of renters in high density housing and a substantially larger proportion of home-owners in separate houses, although this is not always the case.

In conjunction with other socio-economic status indicators in Warnbro (2021), Tenure data is useful for analysing housing markets, housing affordability and identifying public housing areas.

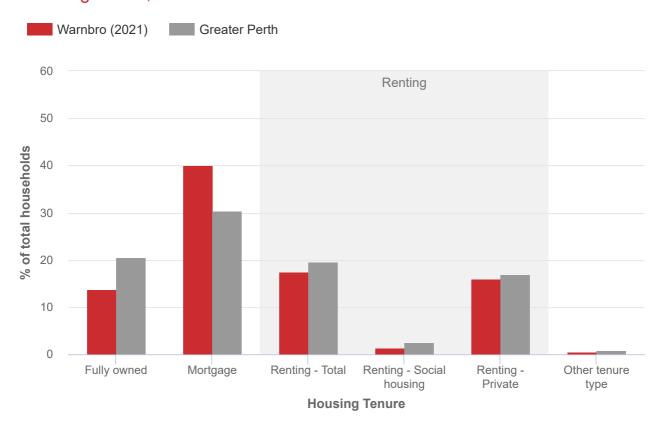
#### Housing tenure

Warnbro (2021) - Households (Enumerated)	2016				Change		
Tenure type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Fully owned	2,704	17.7	26.7	2,474	17.9	28.1	+229
Mortgage	7,935	52.0	39.7	6,883	49.8	38.0	+1,052
Renting - Total	3,447	22.6	25.5	3,599	26.1	26.7	-153
Renting - Social housing	260	1.7	3.1	280	2.0	3.6	-21
Renting - Private	3,156	20.7	22.0	3,281	23.8	22.6	-126
Renting - Not stated	31	0.2	0.4	37	0.3	0.5	-6
Other tenure type	107	0.7	1.0	102	0.7	1.1	+5
Not stated	1,070	7.0	7.1	757	5.5	6.1	+313
Total households	15,263	100.0	100.0	13,817	100.0	100.0	+1,446

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

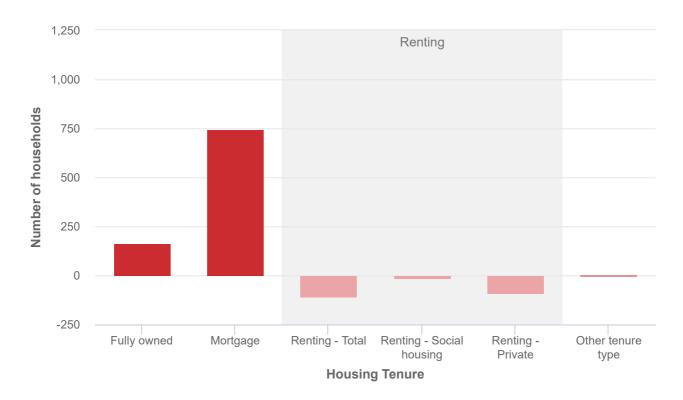
#### Housing tenure, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

#### Change in housing tenure, 2011 to 2016

Warnbro (2021)



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

## **Dominant groups**

Analysis of the housing tenure of households of Warnbro (2021) in 2016 compared to Greater Perth shows that there was a smaller proportion of households who owned their dwelling; a larger proportion purchasing their dwelling; and a smaller proportion who were renters.

Overall, 17.7% of households owned their dwelling; 52.0% were purchasing, and 22.6% were renting, compared with 26.7%, 39.7% and 25.5% respectively for Greater Perth.

## **Emerging groups**

The largest changes in housing tenure categories for the households in Warnbro (2021) between 2011 and 2016 were:

- Mortgage (+1,052 households)
- Fully owned (+229 households)
- Renting Private (-126 households)

The total number of households in Warnbro (2021) increased by 1,446 between 2011 and 2016.

# Warnbro (2021)

## Housing loan repayments

Mortgage repayments are directly related to house prices in Warnbro (2021), length of occupancy and the level of equity of home owners. When viewed with Household Income data it may also indicate the level of housing stress households in the community are under. In mortgage belt areas it is expected that households will be paying a higher proportion of their income on their housing compared to well-established areas. First home buyer areas are also likely to have larger mortgages than upgrader areas where households move in with equity from elsewhere.

Mortgage payment levels are not directly comparable over time because of inflation. For comparison of mortgage payments over time, go to Housing Loan Quartiles.

#### Monthly housing loan repayments

Warnbro (2021) - Households (Enumerated)	2016		
Monthly repayment amount	Number	%	Greater Perth %
\$299 or less	266	3.4	4.6
\$300 - \$599	220	2.8	3.3
\$600 - \$999	417	5.3	6.3
\$1,000 - \$1,199	361	4.5	4.8
\$1,200 - \$1,399	541	6.8	6.0
\$1,400 - \$1,599	589	7.4	6.4
\$1,600 - \$1,799	795	10.0	8.0
\$1,800 - \$1,999	711	9.0	6.8
\$2,000 - \$2,199	1,160	14.6	12.1
\$2,200 - \$2,399	511	6.4	5.9
\$2,400 - \$2,599	375	4.7	4.8
\$2,600 - \$2,999	709	8.9	9.2
\$3,000 - \$3,999	712	9.0	11.1
\$4,000 - \$4,999	189	2.4	4.0
\$5,000 and over	90	1.1	3.2
Not stated	289	3.6	3.7
Total	7,935	100.0	100.0

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in profile.id by id, the population experts.

Please refer to specific data notes for more information

#### Monthly housing loan repayments, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

### **Dominant groups**

Analysis of the monthly housing loan repayments of households in Warnbro (2021) compared to Greater Perth shows that there was a smaller proportion of households paying high mortgage repayments (\$2,600 per month) or more), as well as a smaller proportion of households with low mortgage repayments (less than \$1,200 per month).

Overall, 21.4% of households were paying high mortgage repayments, and 15.9% were paying low repayments, compared with 27.5% and 18.9% respectively in Greater Perth.

The major differences between the household loan repayments of Warnbro (2021) and Greater Perth were:

- A larger percentage of \$2,000 \$2,199 (14.6% compared to 12.1%)
- A *larger* percentage of \$1,800 \$1,999 (9.0% compared to 6.8%)
- A smaller percentage of \$3,000 \$3,999 (9.0% compared to 11.1%)
- A smaller percentage of \$5,000 and over (1.1% compared to 3.2%)

# Warnbro (2021) Housing loan quartiles

Mortgage repayments in Warnbro (2021) are directly related to house prices, length of occupancy and the level of equity of home owners. When viewed with <a href="Household Income">Household Income</a> data it may also indicate the level of housing stress in the community.

The quartile method is the most objective method of comparing change in the mortgage payment profile of a community over time.

A detailed explanation of how Housing Loan Repayment quartiles are calculated and interpreted is available in <u>specific</u> data notes.

#### Housing loan quartiles

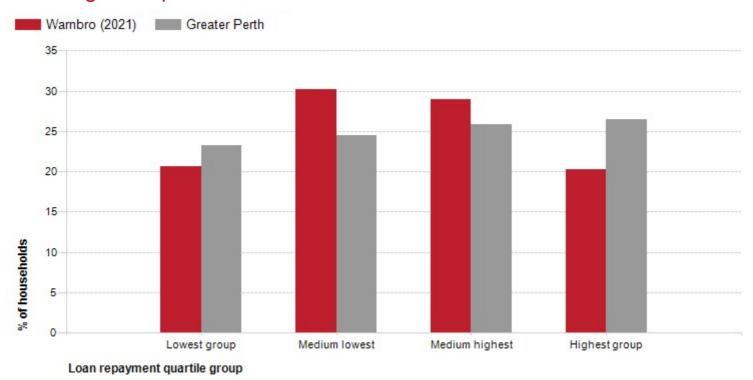
Warnbro (2021) - Households (Enumerated)		2016			2011		Change
	Number	0/	Greater Perth	Number	0/	Greater Perth %	2044 4- 2040
Loan repayment quartile group	Number	%	%	Number	%	70	2011 to 2016
Lowest group	1,575	20.6	23.2	1,221	18.6	23.2	+354
Medium lowest	2,311	30.2	24.5	1,790	27.3	24.5	+521
Medium highest	2,211	28.9	25.9	1,968	30.1	25.8	+243
Highest group	1,548	20.2	26.5	1,568	24.0	26.5	-21
Total households with stated mortgage repayments	7,646	100.0	100.0	6,548	100.0	100.0	+1,097

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

## Housing loan - Quartile group dollar ranges

Calculated from loan repayment data for WA	Monthly housing loan repayments by Census year					
Housing loan repayment ranges	2016	2011	2006	2001	1996	
Lowest group	\$0 to \$1,314	\$0 to \$1,221	\$0 to \$826	\$0 to \$605	\$0 to \$505	
Medium lowest	\$1,315 to \$1,995	\$1,222 to \$1,969	\$827 to \$1,241	\$606 to \$855	\$506 to \$752	
Medium highest	\$1,996 to \$2,685	\$1,970 to \$2,786	\$1,242 to \$1,791	\$856 to \$1,161	\$753 to \$1,019	
Highest group	\$2,686 and over	\$2,787 and over	\$1,792 and over	\$1,162 and over	\$1,020 and over	

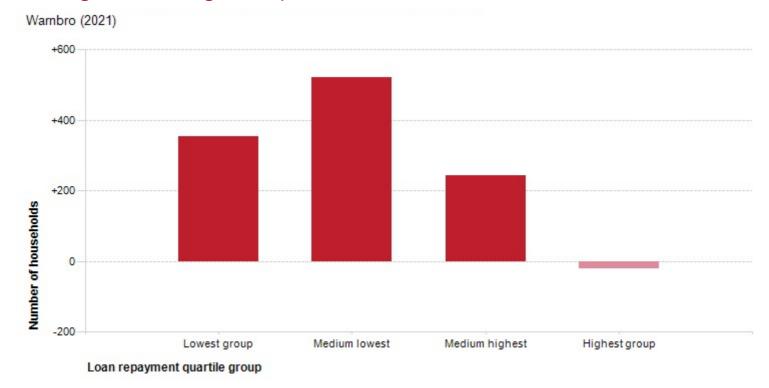
## Housing loan quartiles, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



## Change in housing loan quartiles, 2011 to 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



## **Dominant groups**

Housing loan repayment quartiles allow us to compare relative repayment liabilities across time. Analysis of the distribution of households by housing loan repayment quartiles in Warnbro (2021) compared to Greater Perth shows that there was a smaller proportion of households in the highest repayment quartile, as well as a smaller proportion in the lowest repayment quartile.

## **Emerging groups**

The total number of households with a mortgage in Warnbro (2021) increased by 1,098 between 2011 and 2016. The most significant change in Warnbro (2021) during this period was in the medium lowest quartile which showed an increase of 521 households.

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# **Warnbro** (2021)

## Housing rental payments

Rental payments can be a better measure of the cost of housing in Warnbro (2021) than mortgage repayments because they are not contingent on length of occupancy or equity in the dwelling.

High rental payments may indicate desirable areas with mobile populations who prefer to rent, or a housing shortage, or gentrification. Low rental payments may indicate public housing (check **Tenure Type**), or areas where low income households move by necessity for a lower cost of living.

Rental payments are not directly comparable over time because of inflation. For comparison of rental payments over time, go to Housing Rental Quartiles.

## Weekly housing rental payments

Warnbro (2021) - Households (Enumerated)	2016		
Weekly rental amount	Number	%	Greater Perth %
\$99 or less	87	2.5	4.7
\$100 - \$149	103	3.0	5.6
\$150 - \$199	103	3.0	4.4
\$200 - \$249	131	3.8	4.5
\$250 - \$299	216	6.3	7.5
\$300 - \$349	588	17.1	13.9
\$350 - \$399	1,032	30.0	18.0
\$400 - \$449	643	18.7	14.6
\$450 - \$549	343	10.0	14.5
\$550 - \$649	65	1.9	4.8
\$650 - \$749	11	0.3	2.0
\$750 - \$849	9	0.3	1.1
\$850+	15	0.4	1.6
Not stated	94	2.7	2.8
Total households renting	3,440	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016. Compiled and presented in profile.id by <u>id</u>, the population experts.

Please refer to specific data notes for more information

- a Households renting social housing
- a Households renting privately
- a Median weekly rental payments
- a High rental payments (more than \$450 per week)

#### Weekly housing rental payments, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

### Dominant groups

Analysis of the weekly housing rental payments of households in Warnbro (2021) compared to Greater Perth shows that there was a smaller proportion of households paying high rental payments (\$450 per week or more), as well as a smaller proportion of households with low rental payments (less than \$250 per week).

Overall, 12.9% of households were paying high rental payments, and 12.3% were paying low payments, compared with 24.0% and 19.1% respectively in Greater Perth.

The major differences between the housing rental payments of Warnbro (2021) and Greater Perth were:

- A larger percentage of \$350 \$399 (30.0% compared to 18.0%)
- A larger percentage of \$400 \$449 (18.7% compared to 14.6%)
- A *larger* percentage of \$300 \$349 (17.1% compared to 13.9%)
- A *smaller* percentage of \$450 \$549 (10.0% compared to 14.5%)

# Warnbro (2021) Housing rental quartiles

Rental payments in Warnbro (2021) are indicative of its residential role and function and are directly related to the value of residential property. When viewed with <a href="Household Income">Household Income</a> data they may also indicate the level of 'housing stress' in the community.

The quartile method is the most objective method of comparing change in the rental costs of a community over time. A detailed explanation of how Housing Rental Payment quartiles are calculated and interpreted is available in <a href="mailto:specific data">specific data notes</a>.

#### Housing rental quartiles

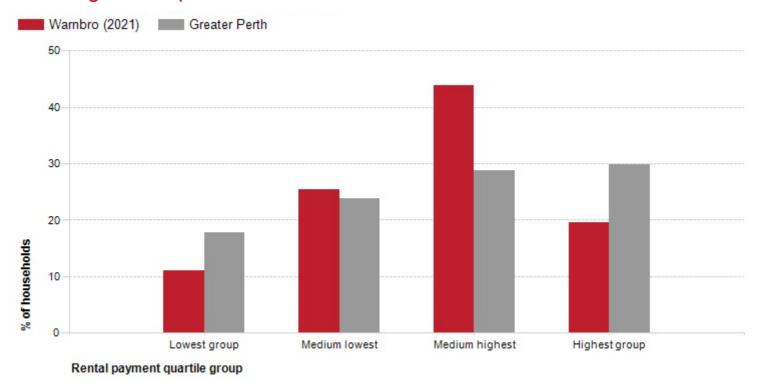
Warnbro (2021) - Households (Enumerated)		2016			2011		Change
			Greater Perth			Greater Perth	
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	369	11.0	17.7	346	9.9	17.6	+23
Medium lowest	851	25.4	23.8	985	28.1	23.4	-134
Medium highest	1,469	43.9	28.8	1,622	46.2	29.1	-153
Highest group	656	19.6	29.7	556	15.9	29.8	+99
Total households with stated rent	3,346	100.0	100.0	3,511	100.0	100.0	-165

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by id, the population experts.

## Housing rental - Quartile group dollar ranges

Calculated from rental payment data for WA	Weekly housing	rental payments by	/ Census year	
Rental payment ranges	2016	2011	2006	2001
Lowest group	\$0 to \$228	\$0 to \$168	\$0 to \$112	\$0 to \$93
Medium lowest	\$229 to \$348	\$169 to \$302	\$113 to \$170	\$94 to \$132
Medium highest	\$349 to \$432	\$303 to \$378	\$171 to \$225	\$133 to \$177
Highest group	\$433 and over	\$379 and over	\$226 and over	\$178 and over

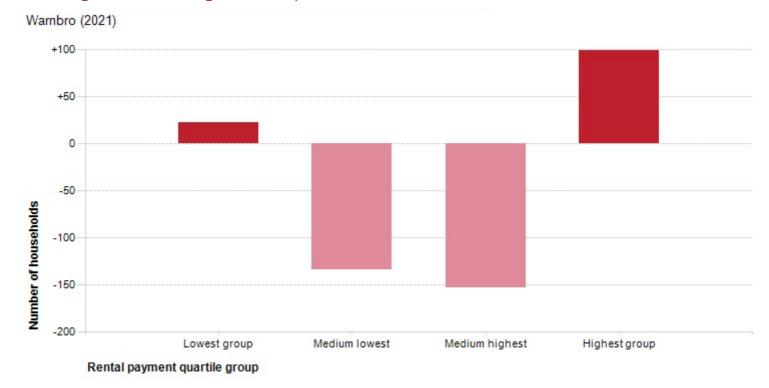
## Housing rental quartiles for 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



## Change in housing rental quartiles, 2011 to 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2016 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



#### **Dominant groups**

Rental payment quartiles allow us to compare relative rental liabilities across time. Analysis of the distribution of households by rental payment quartiles in Warnbro (2021) compared to Greater Perth shows that there was a smaller proportion of households in the highest payment quartile, as well as a smaller proportion in the lowest payment quartile.

## **Emerging groups**

The total number of households renting their dwelling in Warnbro (2021) decreased by 165 between 2011 and 2016. The most significant change during this period was in the medium highest quartile which showed a slight decrease of -153 households.

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# Western Australia Residential building approvals

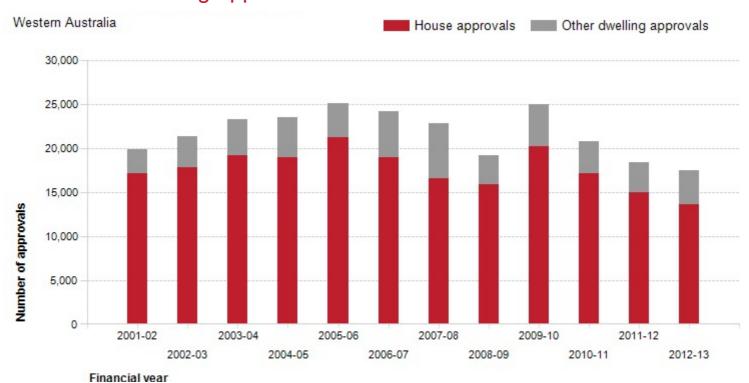
The Western Australia's building approvals are used as a leading indicator of the general level of residential development, economic activity, employment and investment. Residential building activity depends on many factors that vary with the state of the economy including interest rates, availability of mortgage funds, government spending, and business investment. Large financial changes or shocks, such as the Global Financial Crisis of 2008/09 can be observed in the data. However, the number of building approvals can fluctuate substantially from year to year simply as a result of the short-term nature of many construction projects, and the cyclical nature of the industry.

#### Residential building approvals

Western Australia	Number			Ann	ual cha	nge
Year (ending June 30)	Houses	Other	Total	Houses	Other	Total
2012-13	13,651	3,815	17,466	-1,287	+412	-875
2011-12	14,938	3,403	18,341	-2,213	-252	-2,465
2010-11	17,151	3,655	20,806	-3,033	-1,179	-4,212
2009-10	20,184	4,834	25,018	+4,343	+1,543	+5,886
2008-09	15,841	3,291	19,132	-769	-2,929	-3,698
2007-08	16,610	6,220	22,830	-2,355	+938	-1,417
2006-07	18,965	5,282	24,247	-2,271	+1,460	-811
2005-06	21,236	3,822	25,058	+2,324	-732	+1,592
2004-05	18,912	4,554	23,466	-321	+537	+216
2003-04	19,233	4,017	23,250	+1,461	+403	+1,864
2002-03	17,772	3,614	21,386	+648	+840	+1,488
2001-02	17,124	2,774	19,898			

Source: Australian Bureau of Statistics, Building Approvals, Australia (8731.0). Compiled and presented in profile.id by <u>.id</u>, the population experts

# Residential building approvals



Source: Australian Bureau of Statistics, Building Approvals, Australia (8731.0). Compiled and presented by .id, the population experts.



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# Western Australia SEIFA by Local Government Area

The Western Australia Socio-Economic Indexes for Areas (SEIFA) measure the relative level of socio-economic disadvantage and/or advantage based on a range of Census characteristics. Two of the SEIFA indexes: the Index of Relative Socio-Economic Disadvantage (IRSD) and the Index of Relative Socio-Economic Advantage and Disadvantage (IRSAD) can be selected below.

#### Index of Relative Socio-Economic Disadvantage (IRSD)

This index contains only disadvantage indicators (e.g. unemployment, low incomes or education levels, lack of internet access), so is best used to distinguish between disadvantaged areas, but doesn't differentiate between those areas which are highly advantaged, and those just lacking a lot of disadvantage. This index is most commonly used for funding allocations and advocacy.

#### Index of Index of Relative Socio-Economic Advantage and Disadvantage (IRSAD)

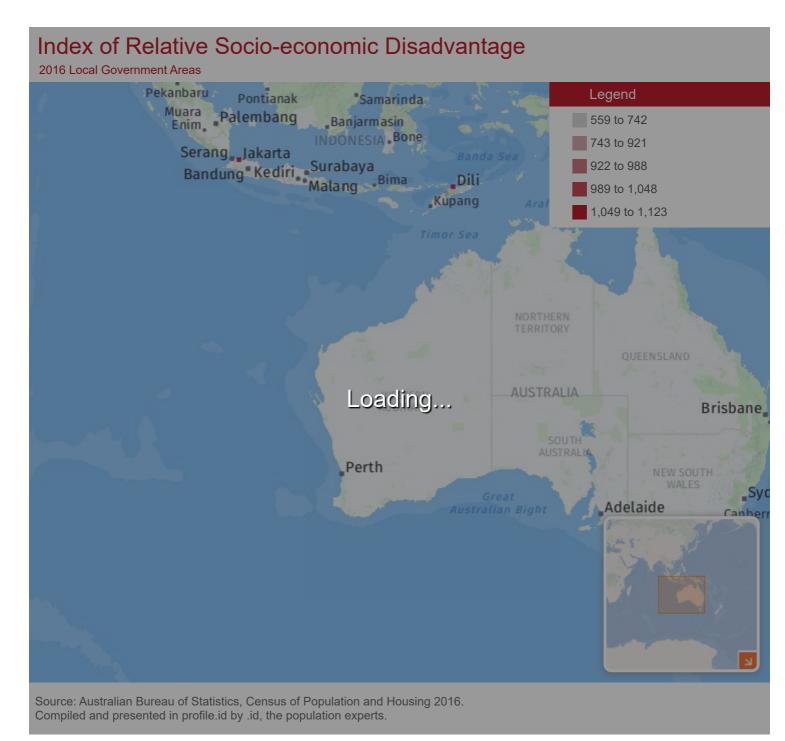
This index contains indicators of disadvantage (above) as well as additional indicators of advantage (e.g. professional occupations, high income, higher education levels, larger houses). Characteristics are also weighted differently than the IRSD, so areas do score differently on either measure.

SEIFA indexes are a good place to start to get a general view of the relative level of disadvantage in one area compared to others, but it is important to also look at these underlying characteristics as they can differ markedly between areas with similar SEIFA scores and shed light on the type of disadvantage being experienced.

A higher score on the index means a *lower* level of disadvantage. A lower score on the index means a *higher* 

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Please note that the LGAs listed here relate to the boundary which was current at the 2016 Census. Boundary changes since that time will not be reflected in the list. For recent boundary changes in the local area please see the SEIFA by profile area



#### Local Government Areas in Western Australia

2016 Local Government Area	2016 Index
Peppermint Grove	1,123
Cottesloe	1,118
Nedlands	1,117
Cambridge	1,114
Claremont	1,099
East Fremantle	1,088
Joondalup	1,078
Mosman Park	1,078
Melville	1,073
Subiaco	1,071
Vincent	1,069

#### Local Government Areas in Western Australia

2016 Local Government Area	2016 Index
South Perth	1,064
Kent	1,063
Perth	1,049
Chapman Valley	1,047
Ashburton	1,046
Mundaring	1,045
Serpentine-Jarrahdale	1,040
Kalamunda	1,039
Lake Grace	1,038

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in profile.id by <u>.id</u>, the population experts.

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# Western Australia SEIFA by profile area

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The percentile column indicates the approximate position of this small area in a ranked list of Australia's suburbs and localities. It's meant to give an indication of where the area sits within the whole nation. A higher number indicates a higher socio-economic status. For instance, a percentile of 72 indicates that approximately 72% of Australia's suburbs have a SEIFA index lower than this area (more disadvantaged), while 28% are higher.

Learn more about SEIFA and how it is used for funding and advocacy here.

#### Index of Relative Socio-economic Disadvantage

#### Western Australia's small areas and benchmark areas

Area	2016 index	Percentile
Carine (2021)	1,103.9	97
Carine	1,099.5	97
Cottesloe (2021)	1,098.7	96
Cottesloe	1,097.4	96
Churchlands	1,095.2	96
Nedlands	1,093.9	95
Bateman	1,091.6	95
Nedlands (2021)	1,091.5	95
Churchlands (2021)	1,090.4	94
Bateman (2021)	1,088.1	94
Jandakot	1,086.7	93
Jandakot (2021)	1,086.0	93
Hillarys	1,081.2	92
Kalamunda	1,074.1	89
Kingsley	1,074.1	89
Hillarys (2021)	1,072.9	88
Kingsley (2021)	1,071.9	88
Kalamunda (2021)	1,071.5	88
Bicton (2021)	1,071.2	88
Bicton	1,071.2	88
Joondalup (2021)	1,070.0	87

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#### Western Australia's small areas and benchmark areas

Scarborough (2021) Scarborough Riverton (2021)	1,068.5 1,066.9 1,066.7	86 85
·		85
Riverton (2021)	1,066.7	
	i i	85
Joondalup	1,065.1	85
Riverton	1,064.7	84
South Perth (2021)	1,064.6	84
South Perth	1,064.4	84
North Metropolitan Region (2021)	1,061.8	83
North Metropolitan Region	1,060.2	82
Perth (2021)	1,059.9	82
Perth	1,059.7	82
Burns Beach	1,058.3	81
Landsdale (2021)	1,052.1	78
Cockburn (2021)	1,049.7	76
Wanneroo	1,049.4	76
Darling Range (2021)	1,049.3	76
Darling Range	1,048.1	75
Mount Lawley	1,045.6	74
Mount Lawley (2021)	1,045.6	74
Burns Beach (2021)	1,045.4	74
Wanneroo (2021)	1,038.8	69
Cockburn	1,036.6	68
Swan Hills (2021)	1,034.3	67
Swan Hills	1,033.2	66
Maylands	1,032.3	66
Maylands (2021)	1,032.3	66
Metropolitan District	1,029.7	63
Baldivis (2021)	1,029.7	63
South Metropolitan Region (2021)	1,029.2	63
South Metropolitan Region	1,029.0	63
Greater Perth	1,026.0	61
Balcatta	1,025.7	61
Southern River	1,025.2	61
Southern River (2021)	1,025.2	61
Baldivis	1,021.2	58
Pilbara (2021)	1,019.1	57
West Swan (2021)	1,018.6	56
Vasse (2021)	1,016.8	55
Vasse	1,016.8	55
Pilbara	1,015.2	54
Western Australia	1,015.0	54
WA	1,015.0	54
West Swan	1,014.9	54

#### Western Australia's small areas and benchmark areas

Area Willagee	2016 index 1,013.8	Percentile 53
Warnbro	1,012.7	53
Warnbro (2021)	1,012.7	53
Morley	1,009.3	51
Butler	1,009.1	51
Balcatta (2021)	1,008.6	50
Kwinana	1,008.0	50
Forrestfield	1,008.0	50
Forrestfield (2021)	1,008.0	50
Morley (2021)	1,006.0	49
Butler (2021)	1,005.4	49
Willagee (2021)	1,005.3	49
Girrawheen	1,003.1	47
Victoria Park	1,002.6	47
Fremantle	1,002.1	47
Australia	1,001.9	46
Dawesville (2021)	1,001.5	46
East Metropolitan Region	1,001.0	46
Fremantle (2021)	999.9	45
Victoria Park (2021)	999.3	45
East Metropolitan Region (2021)	998.6	44
Dawesville	998.3	44
Collie-preston (2021)	993.3	41
Kwinana (2021)	992.4	41
Belmont (2021)	992.1	41
Collie-Preston	992.1	41
Belmont	992.1	41
Moore (2021)	992.0	41
Moore	991.6	41
Albany	990.5	40
Albany (2021)	989.2	39
Kalgoorlie	988.9	39
Kalgoorlie (2021)	988.9	39
Cannington (2021)	988.1	39
Bassendean (2021)	987.0	38
Warren-Blackwood (2021)	985.6	37
Warren-Blackwood	985.4	37
Murray-Wellington	985.1	37
Bassendean	984.9	36
Cannington	984.9	36
South West Region	984.5	36
South West Region (2021)	984.4	36
Roe	982.8	35

#### Western Australia's small areas and benchmark areas

Area	2016 index	Percentile
Midland	982.8	35
Midland (2021)	982.6	35
Roe (2021)	982.5	35
Murray-Wellington (2021)	976.8	32
Agricultural Region (2021)	976.5	32
Regional District	976.1	32
Agricultural Region	975.9	32
Regional WA	975.0	31
Bunbury (2021)	972.7	31
Geraldton (2021)	969.5	29
Geraldton	969.5	29
Bunbury	968.2	28
Rockingham	963.0	26
Central Wheatbelt (2021)	962.5	26
Rockingham (2021)	960.8	25
Central Wheatbelt	960.8	25
Mining and Pastoral Region (2021)	956.8	24
Mining and Pastoral Region	955.6	23
Thornlie	955.0	23
Thornlie (2021)	955.0	23
Mandurah	942.5	19
Mandurah (2021)	941.7	19
North West Central (2021)	936.8	17
North West Central	934.2	17
Armadale (2021)	932.1	16
Armadale	932.1	16
Mirrabooka	916.7	13
Mirrabooka (2021)	896.6	9
Kimberley	862.3	6
Kimberley (2021)	858.9	6

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in profile.id by <u>id</u>, the population experts.

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# Western Australia About the community profile

Demographic change across Australia is recorded by the Australian Bureau of Statistics (ABS) in the Census collections every five years. <u>Population experts, .id</u>, analyse and convert these raw figures into stories of place to inform council staff, community groups, investors, business, students and the general public.

The Western Australia Electorate Profiles provides demographic analysis for the State and its suburbs based on results from the 2016, 2011, 2006, 2001, 1996 and 1991 Censuses of Population and Housing. The profile is updated with population estimates when the Australian Bureau of Statistics (ABS) releases new figures such as the annual Estimated Resident Population (ERP).

Suburb boundaries and Census questions change over time, but .id manages the data to ensure that there is an accurate time series provided for the current geographic boundaries. You can read more about this in the <u>Geography</u> Notes section.

Results for the Western Australia include population, age structure, ethnicity, ancestry, religion, income, qualifications, occupations, employment, unemployment, disability, disadvantage, volunteering, childcare, family structure, household structure, housing tenure, mortgage and rental payments, and the size and type of the dwellings people live in. The Community Profile presents this information in clear maps, tables and charts with concise factual commentary to answer three important questions:

- 1. What are the characteristics of the people who live here?
- 2. How are they changing?
- 3. How do they compare to other areas?

This provides the basis for making evidence-based decisions about how to provide services for the community as it changes.

You can be confident about the quality of the information as it is derived from Australian Bureau of Statistics data, analysed and presented by population experts and funded by the Western Australia.

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