# Western Australia Parliamentary Library

2021 Census Results Wanneroo

Comparison year: 2016

Benchmark area: Western Australia



# community profile





## **Table of Contents**

Home	1
Population highlights	3
About the profile areas	6
Population, dwellings and ethnicity	7
Estimated Resident Population	9
Service age groups	13
Five year age groups	17
Age-sex pyramid	21
Ancestry	23
Birthplace	27
Overseas arrivals	31
Proficiency in English	33
Language spoken at home	36
Religion	41
Qualifications	45
Highest level of schooling	48
Education institution attending	51
Need for assistance	55
Health type	58
Employment status	61
Industries	65
Occupations	70
Method of travel to work	74
Disengagement by age	77
Volunteering	81
Unpaid domestic work	84
Unpaid care	88
Unpaid childcare	91
Individual income	94
Individual income quartiles	96
Household income	99
Household income quartiles	102
Equivalised household income	105
Household type	108
Households with children	111
Households without children	114
Household size	
Family blending	120
Dwelling type	123
Number of bedrooms per dwelling	126
Number of cars per household	132
Housing tenure	135
Housing loan repayments	138
Housing loan quartiles	140
Housing rental payments	143
Housing rental quartiles	145
Building approvals	148
About the community profile	150

# Welcome to the Western Australia Parliamentary Library Electorate Profiles

This site provides Census data based on the electoral boundaries current in Western Australia for the March 2021 state election.

#### New information from the 2021 Census is being progressively rolled out across this site.

The ABS has released two batches of data from the Australian 2021 Census since June 2022. Most Census-based topics on this community profile include 2021 data. The remaining topics are being updated progressively. Look for the orange indicators in the menu to see which topics have been updated. Read more about the Census.

Sign up for regular alerts on updates to this site. >>

The Western Australia Parliamentary Library Electorate Profiles provides demographic analysis for the State and smaller areas within it based on results from the 2021, 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** 

2,749,864

**ABS ERP 2021** 

Land area

2,531,514

square km

Population density

1.09

persons per square km



Compiled and presented in profile.id by .id (informed decisions).

News more >

#### Census insight: Working from home

What does the Census tell us about our changing work habits?

27 October 2022

#### eBook: Understanding liveability

Key considerations for policy makers.

20 September 2022

#### Health of a nation

How long-term health conditions data can inform local government decisions.

11 August 2022

#### 'Vacant' dwellings - keep calm and dig deeper

The nuances of unoccupied dwellings are sometimes overlooked by media reports.

3 August 2022

## Population highlights

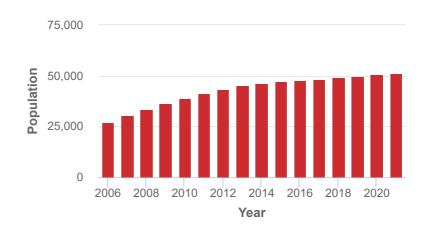
**Population** 

51,178

ERP, 2021

▲ Grown by 555 from the previous year.

# Estimated Resident Population Wanneroo



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

2021 data with change from 2016 unless otherwise stated.

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

Median age	
<b>35</b> •(2)	
Greater Perth	37 🛦
WA	38 ▲
Australia	38 ↔

Aboriginal and Torres Strait Islander population								
1.4% (0.3%)								
Cua stan Danth	0.00/							
Greater Perth WA	2.0% <b>•</b>							
Australia	3.2%							

# Couples with children 40% ▼ (-1.2%) Greater Perth WA Australia 30% ▼



#### Lone person households

19% (2.6%)

Greater Perth 24% ▲
WA 24% ▲
Australia 24% ▲

#### Medium and high density Housing

**7%** ▼(-0.9%)

Greater Perth 24% ▼
WA 21% ▼
Australia 28% ▲

#### Median weekly household income

\$1,933 (\$151)

Greater Perth \$1,866 ▲ WA \$1,834 ▲ Australia \$1,740 ▲

#### Median weekly mortgage repayment

\$447 •(\$-40)

Greater Perth \$440 ▼
WA \$425 ▼
Australia \$432 ▲

#### Median weekly rent

\$380 •(\$-27)

Greater Perth \$350 ▼
WA \$340 ▼
Australia \$380 ▲

#### Households renting

19% (1.1%)

Greater Perth 26% ▲
WA 26% ▲
Australia 30% ▲

#### Households with a mortgage

**54% ▼**(-0.5%)

Greater Perth 40% ▲ 38% ▲ Australia 33% ▲

#### Overseas born

40% (-1.6%)

Greater Perth 36% ↔ WA 32% ↔ Australia 28% ▲

#### Language at home other than English

15% (-0.3%)

Greater Perth 21% ▲
WA 18% ▲
Australia 22% ▲

#### **University attendance**

4% (0.1%)

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

#### University qualification

17% (1.6%)

Greater Perth 26% ▲
WA 24% ▲
Australia 26% ▲

#### **Trade qualification (certificate)**

26% (1%)

Greater Perth 20% ▲
WA 21% ▲
Australia 19% ◆

#### **Unemployment rate**

4.9% (-2.7%)

Greater Perth 5.3% ▼
WA 5.1% ▼
Australia 5.1% ▼

## Participation rate (population in labour force)

70% <sub>(0.4%)</sub>

Greater Perth 65% ▲
WA 64% ▲
Australia 61% ▲

#### Worked at home

**7%** (3.3%)

Greater Perth 8% ▲
WA 8% ▲
Australia 21% ▲

#### SEIFA index of disadvantage 2016

1039

Greater Perth 1026 ▲
WA 1015 ▲
Australia 1002 ▲



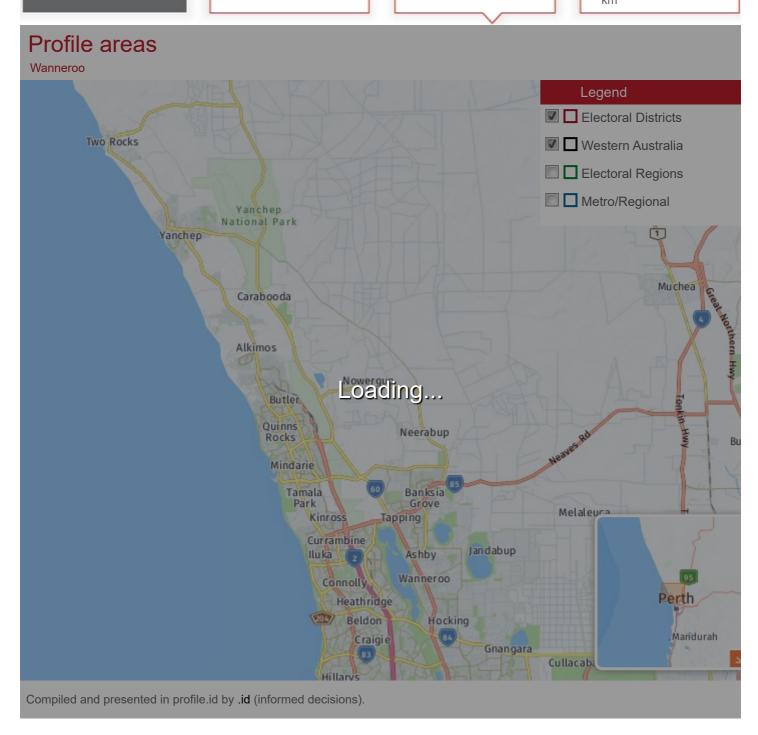
Important **Statistics** 

Population 51,178 2021 ABS ERP

social atlas

Land area 454.1 square km

Population density 112.7 persons per square



## 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 Wanneroo at the last Census, with comparisons to previous Census years for the Census counts only. The current estimate for Wanneroo 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 Wanneroo 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**

Wanneroo - Total persons	2021				Change		
Population	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Estimated Resident Population	51,178			48,047			+3,131
Enumerated Population	48,157			45,446			+2,711
Usual Resident Population	49,470			46,601			+2,869

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented in profile.id by <u>.id</u> (informed decisions).

Please refer to specific data notes for more information

## Selected subpopulation categories

Wanneroo - Total people (Usual residence)	2021			2016			Change
Population group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Males	24,317	49.2	49.7	22,998	49.3	50.0	+1,319
Females	25,149	50.8	50.3	23,605	50.7	50.0	+1,544
Aboriginal and Torres Strait Islander population	709	1.4	3.3	505	1.1	3.1	+204
Australian citizens	42,394	85.7	82.8	36,979	79.3	79.0	+5,415
Eligible voters (citizens aged 18+)	30,424	61.5	62.7	26,252	56.3	59.5	+4,172
Population over 15	38,352	77.5	81.0	35,853	76.9	80.7	+2,499
Employed Population	25,378	95.1	94.9	22,910	92.5	92.2	+2,468
Overseas visitors (enumerated)	74			389			-315

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021 (Usual residence). Compiled and presented in profile.id by .id (informed decisions).

Please refer to specific data notes for more information

## **Dwellings**

Wanneroo - Households (Enumerated)	2021				Change		
Dwellings	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Total dwellings	18,347	100.0	100.0	17,254	100.0	100.0	+1,093
Occupied private dwellings	17,385	94.8	89.5	16,039	93.0	87.4	+1,346
Population in non-private dwellings	240			234			+6
Average household size (persons per dwelling)	2.76		2.48	2.84		2.52	-0.09

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021 (Enumerated). Compiled and presented in profile.id by .id (informed decisions).

Please refer to specific data notes for more information

\*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 2021 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.

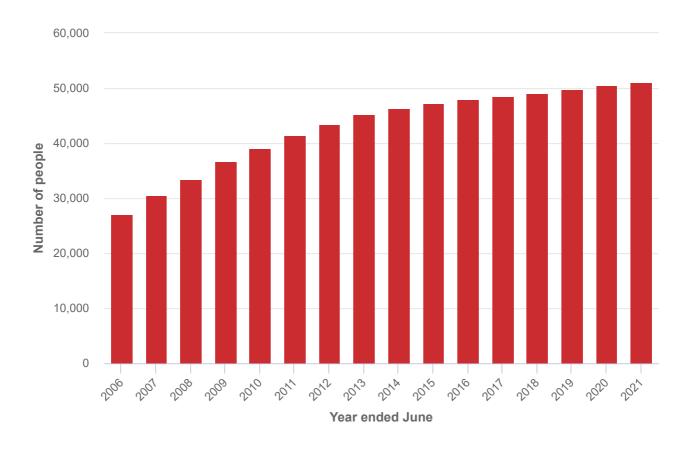
## **Estimated Resident Population (ERP)**

Year (ending June 30)	Number	Change in number	Change in percent	Western Australia change in percent
2006	27,055			
2007	30,472	+3,417	+12.63	+2.71
2008	33,514	+3,042	+9.98	+3.11
2009	36,749	+3,235	+9.65	+3.16
2010	39,005	+2,256	+6.14	+2.26
2011	41,454	+2,449	+6.28	+2.73
2012	43,475	+2,021	+4.88	+3.06
2013	45,225	+1,750	+4.03	+2.53
2014	46,426	+1,201	+2.66	+1.23
2015	47,361	+935	+2.01	+0.92
2016	48,047	+686	+1.45	+0.60
2017	48,519	+472	+0.98	+1.24
2018	49,139	+620	+1.28	+1.29
2019	49,874	+735	+1.50	+1.63
2020	50,623	+749	+1.50	+2.05
2021	51,178	+555	+1.10	+1.16

Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented in profile.id by .id (informed

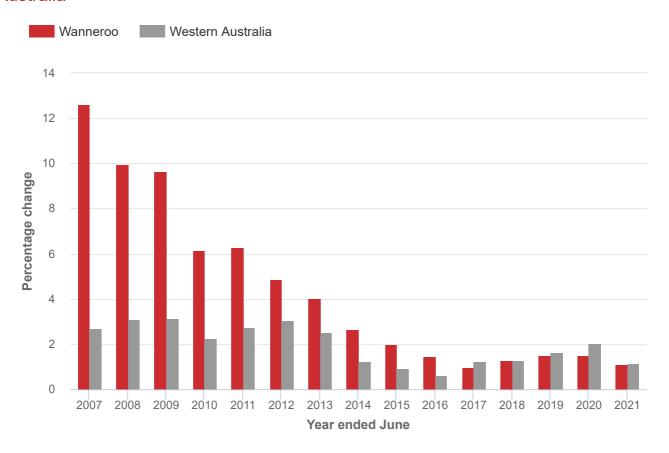
## Estimated Resident Population (ERP)

Wanneroo



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

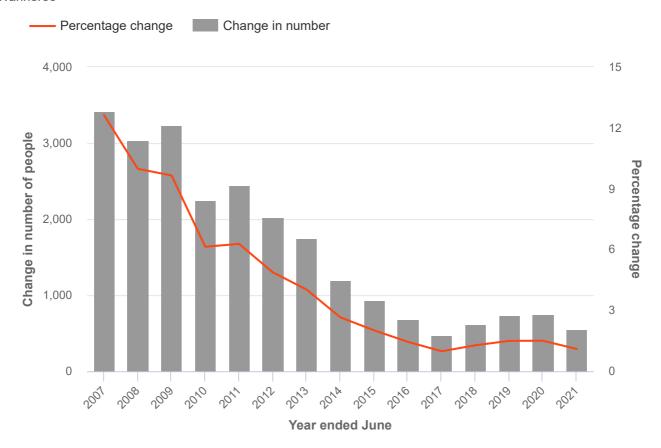
# Percentage change in ERP - Wanneroo compared to Western Australia



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

#### Annual change in Estimated Resident Population (ERP)

Wanneroo



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

## Service age groups

The Age Structure of Wanneroo provides key insights into the level of demand for age based services and facilities such as child care. It is an indicator of Wanneroo'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 Wanneroo's Age Structure should be viewed in conjunction with **Household Types** and **Dwelling Types**.

## Age structure - Service age groups

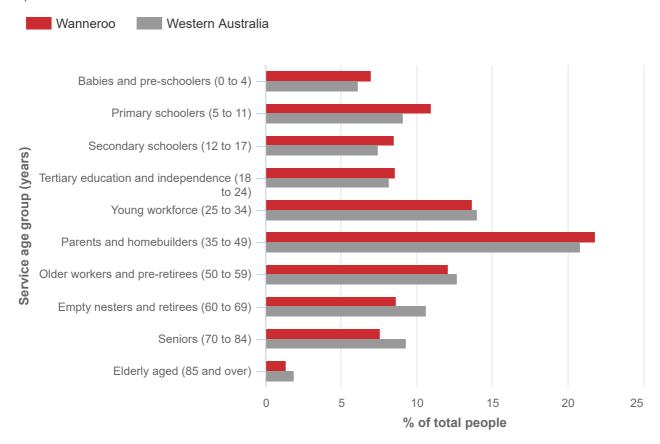
Wanneroo - Total persons (Usual residence)		2021			Change		
Service age group (years)	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Babies and pre-schoolers (0 to 4)	3,457	7.0	6.1	3,840	8.2	6.5	-383
Primary schoolers (5 to 11)	5,407	10.9	9.1	5,076	10.9	9.1	+331
Secondary schoolers (12 to 17)	4,192	8.5	7.4	3,708	8.0	7.2	+484
Tertiary education and independence (18 to 24)	4,231	8.6	8.2	4,292	9.2	8.9	-61
Young workforce (25 to 34)	6,743	13.6	14.0	7,604	16.3	15.3	-861
Parents and homebuilders (35 to 49)	10,797	21.8	20.8	10,225	21.9	20.9	+572
Older workers and pre-retirees (50 to 59)	5,967	12.1	12.6	5,102	10.9	12.6	+865
Empty nesters and retirees (60 to 69)	4,277	8.6	10.6	3,624	7.8	10.1	+653
Seniors (70 to 84)	3,755	7.6	9.3	2,604	5.6	7.6	+1,151
Elderly aged (85 and over)	643	1.3	1.9	529	1.1	1.7	+114
Total	49,469	100.0	100.0	46,604	100.0	100.0	+2,865

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

Please refer to specific data notes for more information

## Age structure - service age groups, 2021

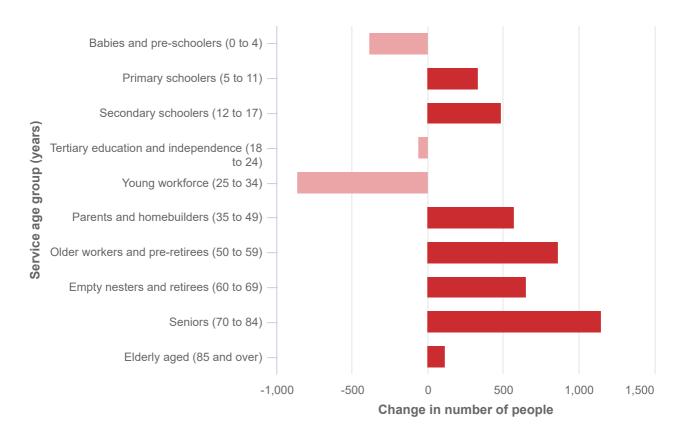
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in age structure - service age groups, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the service age groups of Wanneroo in 2021 compared to Western Australia 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, 26.4% of the population was aged between 0 and 17, and 17.5% were aged 60 years and over, compared with 22.6% and 21.8% respectively for Western Australia.

#### The major differences between the age structure of Wanneroo and Western Australia were:

- A *larger* percentage of 'Primary schoolers' (10.9% compared to 9.1%)
- A *larger* percentage of 'Secondary schoolers' (8.5% compared to 7.4%)
- A *smaller* percentage of 'Empty nesters and retirees' (8.6% compared to 10.6%)
- A *smaller* percentage of 'Seniors' (7.6% compared to 9.3%)

## **Emerging groups**

From 2016 to 2021, Wanneroo's population increased by 2,865 people (6.1%). This represents an average annual population change of 1.2% per year over the period.

The largest changes in the age structure in this area between 2016 and 2021 were in the age groups:

- Seniors (70 to 84) (+1,151 people)
- Older workers and pre-retirees (50 to 59) (+865 people)
- Young workforce (25 to 34) (-861 people)
- Empty nesters and retirees (60 to 69) (+653 people)

## Five year age groups

The Age Structure of Wanneroo provides key insights into the level of demand for age based services and facilities such as child care. It is also an indicator of Wanneroo'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 Wanneroo's Age Structure should be viewed in conjunction with **Household Types** and **Dwelling Types**.

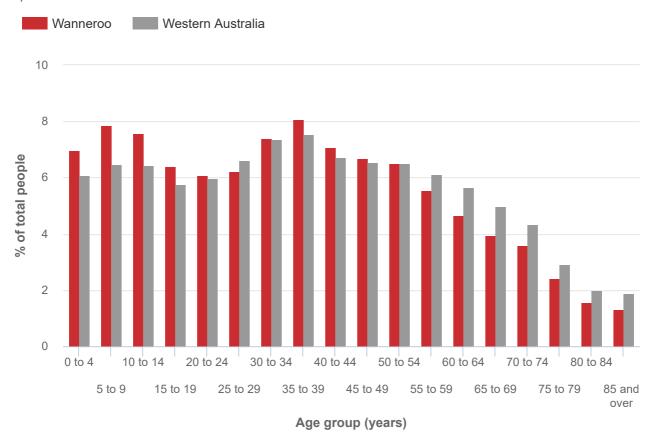
## Age structure - Five year age groups

Wanneroo - Total persons (Usual residence)		2021			2016		Change
Five year age groups (years)	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
0 to 4	3,457	7.0	6.1	3,840	8.2	6.5	-383
5 to 9	3,898	7.9	6.5	3,771	8.1	6.6	+127
10 to 14	3,755	7.6	6.4	3,153	6.8	6.1	+602
15 to 19	3,169	6.4	5.8	3,116	6.7	6.1	+53
20 to 24	3,006	6.1	6.0	3,036	6.5	6.5	-30
25 to 29	3,076	6.2	6.6	3,624	7.8	7.5	-548
30 to 34	3,666	7.4	7.4	3,980	8.5	7.9	-314
35 to 39	3,987	8.1	7.6	3,545	7.6	7.0	+442
40 to 44	3,503	7.1	6.7	3,398	7.3	7.0	+105
45 to 49	3,309	6.7	6.6	3,284	7.0	7.0	+25
50 to 54	3,218	6.5	6.5	2,747	5.9	6.6	+471
55 to 59	2,748	5.6	6.1	2,355	5.1	6.1	+393
60 to 64	2,313	4.7	5.7	1,898	4.1	5.3	+415
65 to 69	1,961	4.0	5.0	1,733	3.7	4.7	+228
70 to 74	1,776	3.6	4.3	1,181	2.5	3.4	+595
75 to 79	1,200	2.4	2.9	871	1.9	2.5	+329
80 to 84	777	1.6	2.0	556	1.2	1.7	+221
85 and over	643	1.3	1.9	529	1.1	1.7	+114
Total population	49,462	100.0	100.0	46,617	100.0	100.0	+2,845

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

## Age structure - five year age groups, 2021

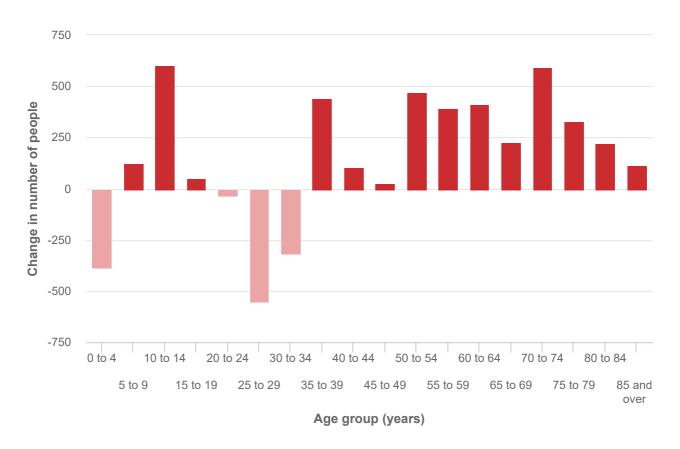
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in age structure - five year age groups, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## **Dominant groups**

Analysis of the five year age groups of Wanneroo in 2021 compared to Western Australia 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, 22.5% of the population was aged between 0 and 15, and 12.9% were aged 65 years and over, compared with 19.0% and 16.1% respectively for Western Australia.

#### The major differences between the age structure of Wanneroo and Western Australia were:

- A *larger* percentage of persons aged 5 to 9 (7.9% compared to 6.5%)
- A *larger* percentage of persons aged 10 to 14 (7.6% compared to 6.4%)
- A *smaller* percentage of persons aged 65 to 69 (4.0% compared to 5.0%)
- A smaller percentage of persons aged 60 to 64 (4.7% compared to 5.7%)

## **Emerging groups**

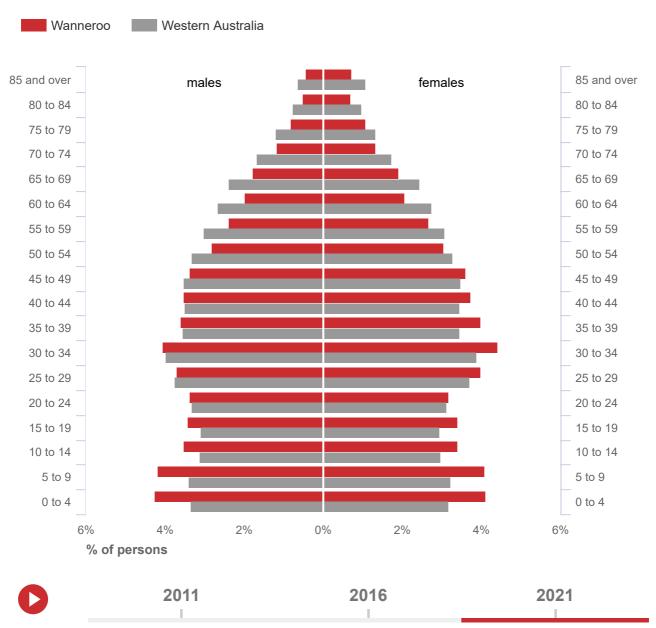
From 2016 to 2021, Wanneroo's population increased by 2,845 people (6.1%). This represents an average annual population change of 1.19% per year over the period.

The largest changes in age structure in this area between 2016 and 2021 were in the age groups:

- 10 to 14 (+602 persons)
- 70 to 74 (+595 persons)
- 25 to 29 (-548 persons)
- 50 to 54 (+471 persons)

## Age-sex pyramid

#### Age-sex pyramid, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, selected years between 1991-2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

The age-sex pyramid is a demographic tool which shows patterns of change in the age structure and sex ratio of an area over time. Its name comes from the traditional pyramid shape of an area which indicates a lot of children in large families, with a lower life expectancy and relatively few elderly. This shape is quite rare in developed nations like Australia. As nations and areas transition over time this shape turns into a column where there are less children a mix of ages including many elderly. Older areas with a lot of retirees or relatively few births may have a "reverse" pyramid formation where the largest proportion of the population is at the top of the chart. The sex ratio of males to females can also be seen - young areas are likely to have more males, while elderly areas generally have more females due to longer life expectancy.

The age-sex pyramid should be used in conjunction with **Household Types** and **Dwelling Types** information to build up a picture of who is living in the area and how it is changing over time.

Further reading: Using demographics to inform gender equality

## 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 Wanneroo 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 Wanneroo's ethnic characteristics.

Please note that the "Australian Aboriginal" and "Torres Strait Islander" categories in this topic are not directly comparable from 2021 to previous years, due to a change in the wording of the question. In 2021, these options were marked boxes on the question rather than write-in options. The "Aboriginal and Torres Strait Islander Origin" question is still considered a more reliable count for this group, and can be found on the **Population summary** page.

Please note: Due to changes in ABS rules around perturbation and additivity of data to protect the confidentiality of individuals, 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

Wanneroo - Total persons (Usual residence)	2021				Change		
Ancestry	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
English	21,803	44.1	37.6	20,450	43.9	37.6	+1,353
Australian	14,029	28.4	29.7	12,977	27.8	30.7	+1,052
Scottish	4,865	9.8	8.7	4,455	9.6	8.7	+410
Irish	4,861	9.8	8.8	4,350	9.3	9.1	+511
Italian	2,147	4.3	5.2	1,971	4.2	5.0	+176
Indian	1,765	3.6	2.9	1,776	3.8	2.8	-11
German	1,336	2.7	2.9	1,221	2.6	3.0	+115
South African	1,220	2.5	1.3	1,065	2.3	1.2	+155
Chinese	950	1.9	4.4	902	1.9	4.2	+48
Filipino	933	1.9	1.8	773	1.7	1.4	+160

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

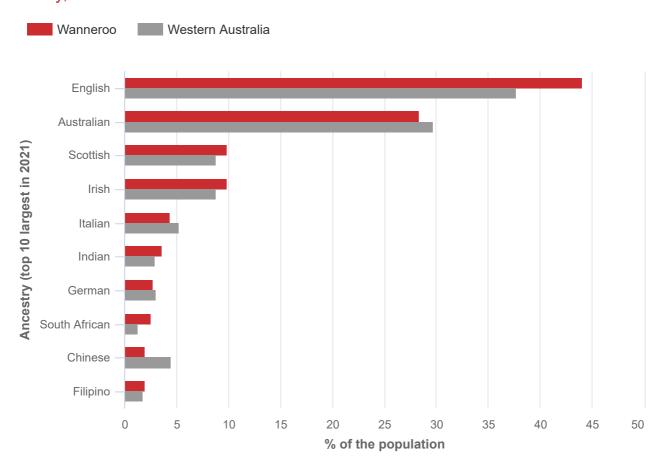
## **Ancestry - Totals**

Wanneroo - Total persons (Usual residence)	2021				Change		
Ancestry totals	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Not stated	2,227	3.3	5.0	2,393	4.0	6.0	-166
Total responses	66,594			60,549			+6,045
Total people	49,469			46,604			+2,865

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

Please refer to specific data notes for more information

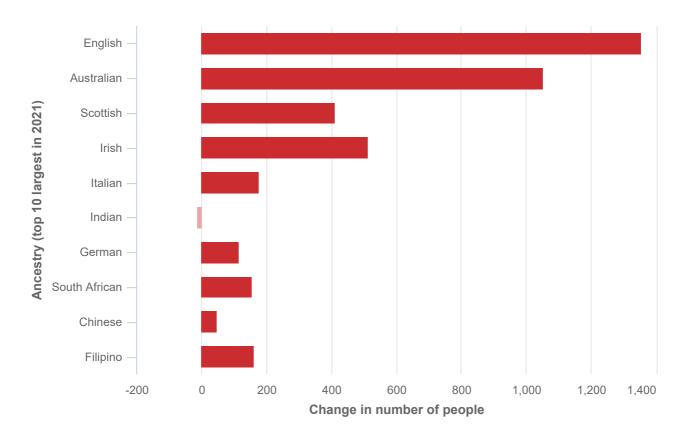
#### Ancestry, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by <u>id</u> (informed decisions).

#### Change in ancestry, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the ancestry responses of the population in Wanneroo in 2021 shows that the top five ancestries nominated were:

- English (21,803 people or 44.1%)
- Australian (14,029 people or 28.4%)
- Scottish (4,865 people or 9.8%)
- Irish (4,861 people or 9.8%)
- Italian (2,147 people or 4.3%)

In combination these five ancestries account for 47,705 responses in total, or 96.43% of all responses.

#### The major differences between the ancestries of the population in Wanneroo and Western Australia were:

- A larger percentage of people with English ancestry (44.1% compared to 37.6%)
- A smaller percentage of people with Chinese ancestry (1.9% compared to 4.4%)
- A smaller percentage of people with Australian Aboriginal ancestry (1.4% compared to 3.0%)
- A *smaller* percentage of people with Australian ancestry (28.4% compared to 29.7%)

## **Emerging groups**

The largest changes in the reported ancestries of the population in this area between 2016 and 2021 were:

- English (+1,353 persons)
- Australian (+1,052 persons)
- Australian Aboriginal (+627 persons)
- Irish (+511 persons)

## Birthplace

Country of Birth data identifies where people were born and is indicative of the level of cultural diversity in Wanneroo. 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, Wanneroo'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, 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

Wanneroo - Total persons (Usual residence)	2021			2016			Change
Birthplace	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Total overseas born	19,663	39.7	32.2	19,258	41.3	32.2	+405
Australia	27,997	56.6	62.0	24,848	53.3	60.3	+3,149
Not stated	1,814	3.7	5.8	2,499	5.4	7.5	-685
Total Population	49,474	100.0	100.0	46,605	100.0	100.0	+2,869

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

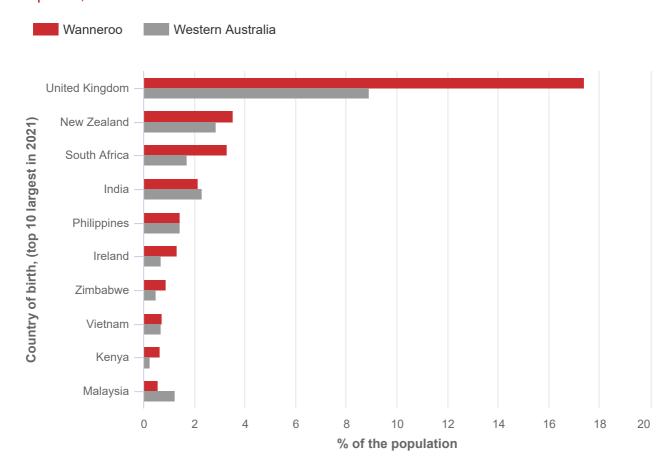
Please refer to specific data notes for more information

## Birthplace - Ranked by size

Wanneroo - Overseas born (Usual residence)		2021			2016		Change
Birthplace	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
United Kingdom	8,604	17.4	8.9	8,786	18.9	9.4	-182
New Zealand	1,735	3.5	2.8	1,829	3.9	3.2	-94
South Africa	1,617	3.3	1.7	1,465	3.1	1.7	+152
India	1,056	2.1	2.3	1,013	2.2	2.0	+43
Philippines	702	1.4	1.4	628	1.3	1.2	+74
Ireland	641	1.3	0.7	517	1.1	0.7	+124
Zimbabwe	436	0.9	0.5	484	1.0	0.5	-48
Vietnam	350	0.7	0.7	318	0.7	0.6	+32
Kenya	310	0.6	0.2	292	0.6	0.2	+18
Malaysia	274	0.6	1.2	225	0.5	1.2	+49

Excludes countries of birth with fewer than 10 people.

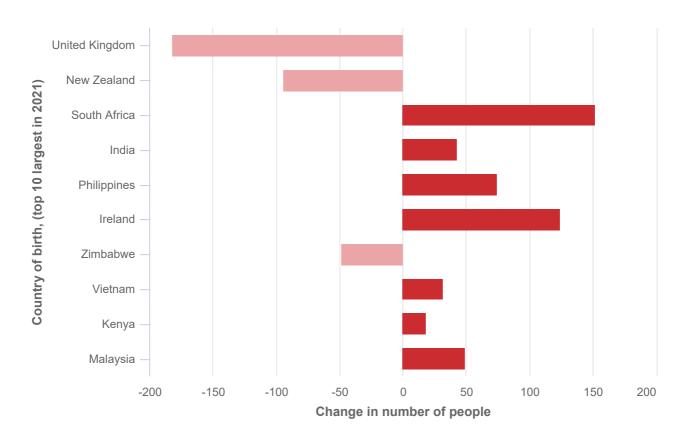
#### Birthplace, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in birthplace, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the country of birth of the population in Wanneroo in 2021 compared to Western Australia shows that there was a larger proportion of people born overseas.

Overall, 39.7% of the population was born overseas, compared with 32.2% for Western Australia.

The largest non-English speaking country of birth in Wanneroo was India, where 2.1% of the population, or 1,056 people, were born.

The major differences between the countries of birth of the population in Wanneroo and Western Australia were:

- A larger percentage of people born in United Kingdom (17.4% compared to 8.9%)
- A *larger* percentage of people born in South Africa (3.3% compared to 1.7%)

## **Emerging groups**

Between 2016 and 2021, the number of people born overseas increased by 405 or 2.1%.

The largest changes in birthplace countries of the population in this area between 2016 and 2021 were for those born in:

- United Kingdom (-182 persons)
- South Africa (+152 persons)
- Ireland (+124 persons)
- New Zealand (-94 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 Wanneroo 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.

Wanneroo'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.

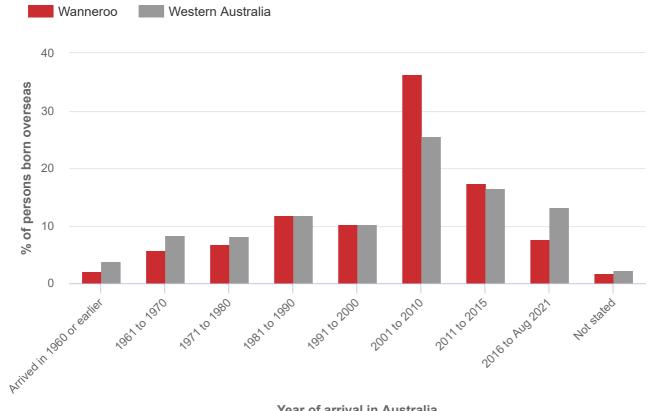
#### Overseas arrivals

Wanneroo - Overseas born (Usual residence)		2021	
Year of arrival in Australia	Number	%	Western Australia %
Arrived in 1960 or earlier	411	2.1	3.8
1961 to 1970	1,136	5.8	8.4
1971 to 1980	1,347	6.9	8.1
1981 to 1990	2,320	11.8	11.9
1991 to 2000	2,030	10.3	10.2
2001 to 2010	7,148	36.4	25.5
2011 to 2015	3,420	17.4	16.6
2016 to Aug 2021	1,514	7.7	13.2
Not stated	337	1.7	2.3
Total	19,663	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2021. Compiled and presented by <u>.id</u> (informed decisions). Please refer to specific data notes for more information

#### Overseas arrivals, 2021

Total persons



Year of arrival in Australia

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the year of arrival for the overseas born population of Wanneroo in 2021 compared to Western Australia 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 2016 to Aug 2021).

Overall, 36.8% of the overseas born population arrived before 2001, and 8% arrived during or after 2016, compared with 42.4% and 13.2% respectively for Western Australia.

The major differences in year of arrival data in the population between Wanneroo and Western Australia are:

- A larger percentage of arrivals between 2001 to 2010 (36.4% compared to 25.5%)
- A smaller percentage of arrivals between 2016 to Aug 2021 (7.7% compared to 13.2%)
- A *smaller* percentage of arrivals between 1961 to 1970 (5.8% compared to 8.4%)
- A *smaller* percentage of arrivals between Arrived in 1960 or earlier (2.1% compared to 3.8%)

## 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 Wanneroo'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

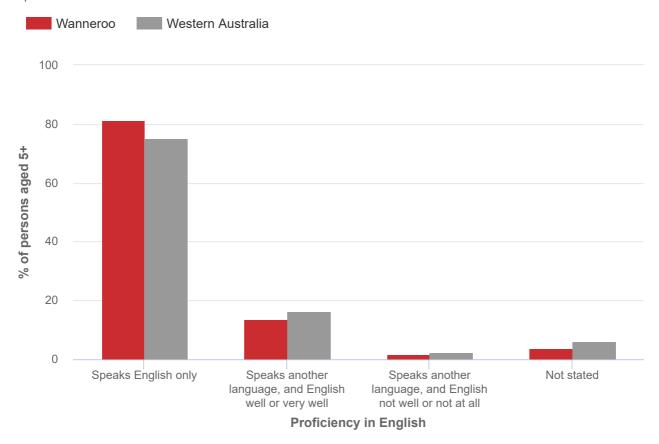
Wanneroo - Total persons (Usual residence)	2021			2016			Change
English proficiency	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Speaks English only	40,155	81.2	75.3	37,310	80.1	75.2	+2,845
Speaks another language, and English well or very well	6,783	13.7	16.4	6,293	13.5	15.2	+490
Speaks another language, and English not well or not at all	766	1.5	2.3	840	1.8	2.5	-74
Not stated	1,769	3.6	6.0	2,162	4.6	7.1	-393
Total population	49,473	100.0	100.0	46,605	100.0	100.0	+2,868

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

Please refer to specific data notes for more information

## Proficiency in English, 2021

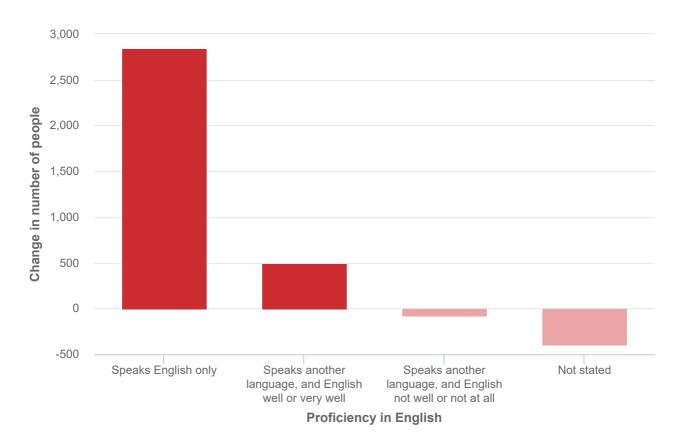
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in Proficiency in English, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the proficiency in English data of the population in Wanneroo in 2021 compared to Western Australia 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, 81.2% of people spoke English only, and 1.5% spoke another language and English not well or not at all, compared with 75.3% and 2.3% respectively for Western Australia.

# **Emerging groups**

The most significant changes in the proficiency in English of the population in this area between 2016 and 2021 were in those speaking:

- Speaks English only (+2,845 persons)
- Speaks another language, and English well or very well (+490 persons)
- Speaks another language, and English not well or not at all (-74 persons)

### Language spoken at home

Wanneroo'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.

Wanneroo'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 ABS rules regarding perturbation of data to protect the confidentiality of individuals, counts of individual language groups and totals derived from them may differ slightly from those published by the ABS.

# Language spoken at home - Summary

Wanneroo - Total persons (Usual residence)	2021				Change		
Language summary	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Speaks English only	40,155	81.2	75.3	37,310	80.1	75.2	+2,845
Non-English total	7,377	14.9	18.4	7,077	15.2	17.5	+300
Not stated	1,938	3.9	6.3	2,215	4.8	7.3	-277
Total Population	49,470	100.0	100.0	46,602	100.0	100.0	+2,868

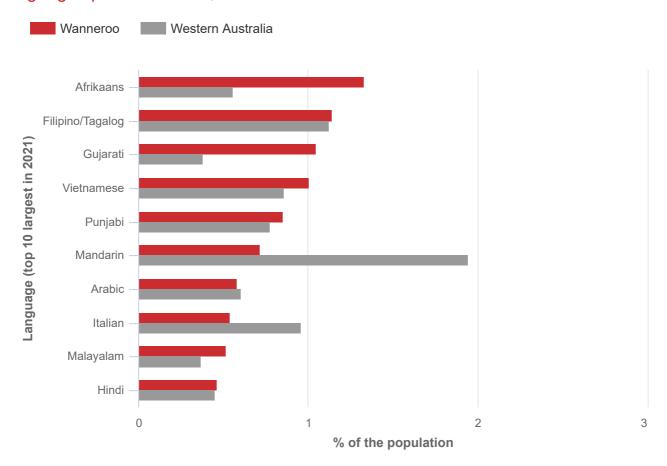
Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

# Language spoken at home - Ranked by size

Wanneroo - Total persons (Usual residence)		2021			2016			
Language (excludes English)	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021	
Afrikaans	657	1.3	0.6	607	1.3	0.6	+50	
Filipino/Tagalog	563	1.1	1.1	519	1.1	1.0	+44	
Gujarati	516	1.0	0.4	451	1.0	0.3	+65	
Vietnamese	498	1.0	0.9	460	1.0	0.8	+38	
Punjabi	420	0.8	0.8	320	0.7	0.5	+100	
Mandarin	353	0.7	1.9	425	0.9	1.9	-72	
Arabic	287	0.6	0.6	251	0.5	0.6	+36	
Italian	265	0.5	1.0	319	0.7	1.2	-54	
Malayalam	253	0.5	0.4	274	0.6	0.3	-21	
Hindi	229	0.5	0.4	251	0.5	0.4	-22	

Excludes languages spoken at home by fewer than 10 people.

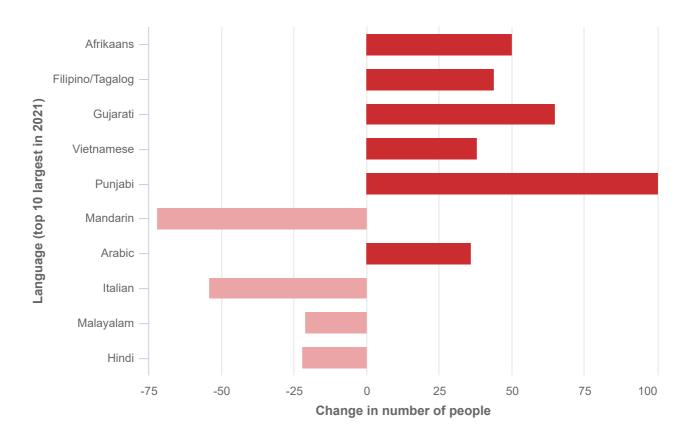
#### Language spoken at home, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in language spoken at home, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the language spoken at home by the population of Wanneroo in 2021 compared to Western Australia 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, 81.2% of the population spoke English only, and 14.9% spoke a non-English language, compared with 75.3% and 18.4% respectively for Western Australia.

The dominant language spoken at home, other than English, in Wanneroo was Afrikaans, with 1.3% of the population, or 657 people speaking this language at home.

The major difference between the languages spoken at home for the population of Wanneroo and Western Australia in 2021 was:

• A *smaller* percentage speaking Mandarin at home (0.7% compared to 1.9%)

# **Emerging groups**

Between 2016 and 2021, the number of people who spoke a language other than English at home increased by 300 or 4.2%, and the number of people who spoke English only increased by 2,845 or 7.6%.

The largest changes in the spoken languages of the population in Wanneroo between 2016 and 2021 were for those speaking:

- Punjabi (+100 persons)
- Mandarin (-72 persons)
- Gujarati (+65 persons)
- Italian (-54 persons)

## Religion

Wanneroo'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.

Wanneroo'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, counts of individual religion groups and totals derived from them may differ slightly from those published by the ABS.

## Religion - Summary

Wanneroo - Total persons (Usual residence)	2021				Change		
Religion totals	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Christian total	21,312	43.1	41.1	24,108	51.7	49.8	-2,796
Non Christian total	3,123	6.3	8.0	2,770	5.9	6.9	+353
Non-classifiable religious belief	272	0.5	0.6	269	0.6	0.7	+3
No Religion/secular beliefs	22,281	45.0	42.8	16,061	34.5	32.8	+6,220
Not stated	2,487	5.0	7.5	3,394	7.3	9.9	-907
Total Population	49,475	100.0	100.0	46,602	100.0	100.0	+2,873

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

# Religion - Ranked by size

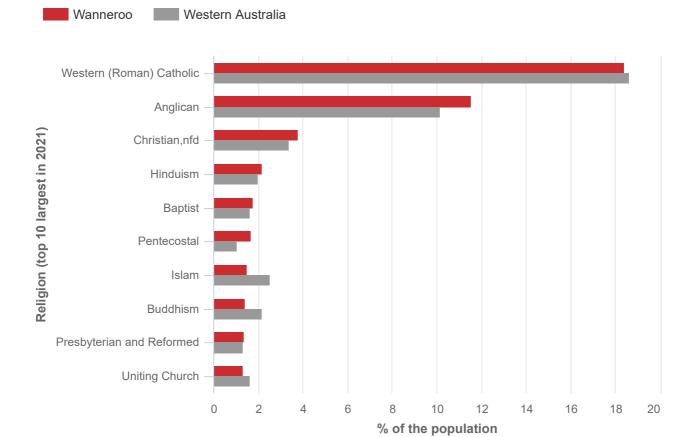
Wanneroo - Total persons (Usual residence)		2021			2016		Change
Religion	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Western (Roman) Catholic	9,098	18.4	18.6	9,815	21.1	21.4	-717
Anglican	5,711	11.5	10.1	7,405	15.9	14.3	-1,694
Christian,nfd	1,861	3.8	3.4	1,765	3.8	3.4	+96
Hinduism	1,070	2.2	2.0	929	2.0	1.6	+141
Baptist	873	1.8	1.6	939	2.0	1.7	-66
Pentecostal	816	1.6	1.0	811	1.7	1.1	+5
Islam	727	1.5	2.5	545	1.2	2.0	+182
Buddhism	696	1.4	2.2	680	1.5	2.1	+16
Presbyterian and Reformed	658	1.3	1.3	822	1.8	1.8	-164
Uniting Church	644	1.3	1.6	871	1.9	2.3	-227

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

Please refer to specific data notes for more information

Excludes religions with fewer than 10 adherents.

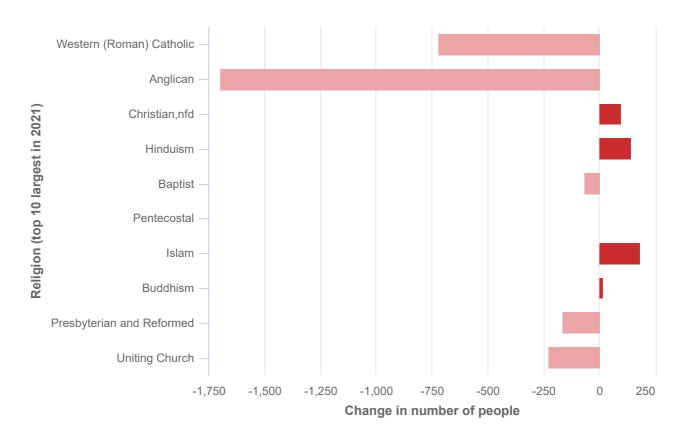
#### Religion, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in religion, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the religious affiliation of the population of Wanneroo in 2021 compared to Western Australia shows that there was a similar proportion of people who professed a religion and a higher proportion who stated they had no religion.

Overall, 49.4% of the population nominated a religion, and 45.0% said they had no religion, compared with 49.1% and 42.8% respectively for Western Australia.

The largest single religion in Wanneroo was Western (Roman) Catholic, with 18.4% of the population or 9,098 people as adherents.

The major differences between the religious affiliation for the population of Wanneroo and Western Australia were:

- A larger percentage who nominated Anglican (11.5% compared to 10.1%)
- A *smaller* percentage who nominated Islam (1.5% compared to 2.5%)

## **Emerging groups**

The largest changes in the religious affiliation of the population in Wanneroo between 2016 and 2021 were for those who nominated:

- Anglican (-1,694 persons)
- Western (Roman) Catholic (-717 persons)
- Uniting Church (-227 persons)
- Islam (+182 persons)

#### 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**, Wanneroo'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.

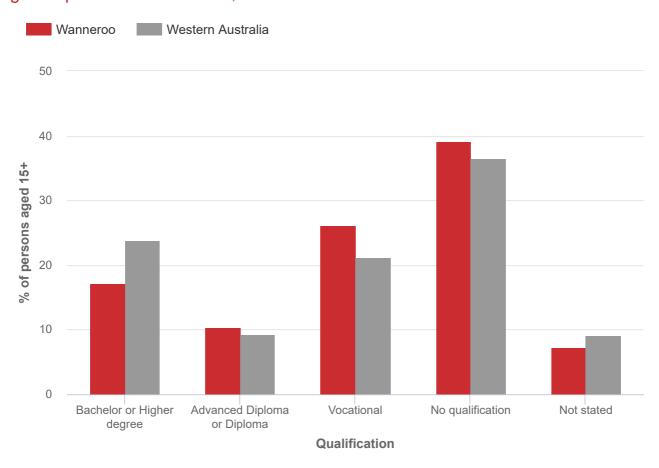
## Highest qualification achieved

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Qualification level	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Bachelor or Higher degree	6,593	17.2	23.8	5,597	15.6	20.5	+996
Advanced Diploma or Diploma	3,976	10.4	9.3	3,562	9.9	8.9	+414
Vocational	10,033	26.2	21.1	9,029	25.2	20.4	+1,004
No qualification	14,993	39.1	36.5	14,654	40.9	38.9	+339
Not stated	2,763	7.2	9.2	2,993	8.4	11.2	-230
Total persons aged 15+	38,358	100.0	100.0	35,835	100.0	100.0	+2,523

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions)

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

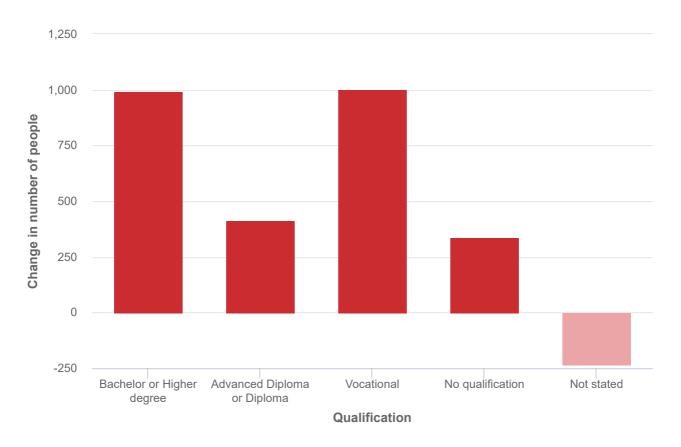
### Highest qualification achieved, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in highest qualification achieved, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the qualifications of the population in Wanneroo in 2021 compared to Western Australia 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, 53.7% of the population aged 15 and over held educational qualifications, and 39.1% had no qualifications, compared with 54.3% and 36.5% respectively for Western Australia.

The major differences between qualifications held by the population of Wanneroo and Western Australia were:

- A *larger* percentage of persons with Vocational qualifications (26.2% compared to 21.1%)
- A *larger* percentage of persons with No qualifications (39.1% compared to 36.5%)
- A larger percentage of persons with Advanced Diploma or Diplomas (10.4% compared to 9.3%)
- A *smaller* percentage of persons with Bachelor or Higher degrees (17.2% compared to 23.8%)

## **Emerging groups**

The largest changes in the qualifications of the population in Wanneroo between 2016 and 2021 were in those with:

- Vocational qualifications (+1,004 persons)
- Bachelor or Higher degrees (+996 persons)
- Advanced Diploma or Diplomas (+414 persons)
- No qualifications (+339 persons)

# Highest level of schooling

Wanneroo'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

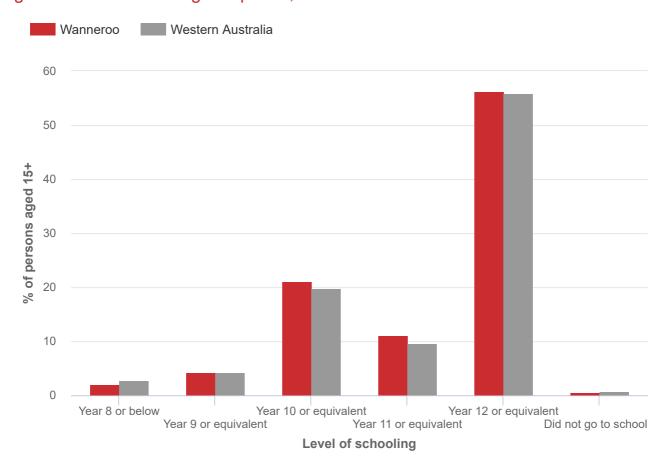
Wanneroo - Total persons (Usual residence)		2021			2016			
Level of schooling	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021	
Year 8 or below	759	2.0	2.7	858	2.4	3.2	-99	
Year 9 or equivalent	1,649	4.3	4.2	1,521	4.2	4.5	+128	
Year 10 or equivalent	8,069	21.0	19.7	7,801	21.8	20.6	+268	
Year 11 or equivalent	4,241	11.1	9.6	4,205	11.7	10.0	+36	
Year 12 or equivalent	21,580	56.2	56.0	18,968	52.9	51.7	+2,612	
Did not go to school	210	0.5	0.7	192	0.5	0.6	+18	
Not stated	1,858	4.8	7.1	2,297	6.4	9.4	-439	
Total persons aged 15+	38,366	100.0	100.0	35,842	100.0	100.0	+2,524	

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

Please refer to specific data notes for more information

People with below Year 11 schooling

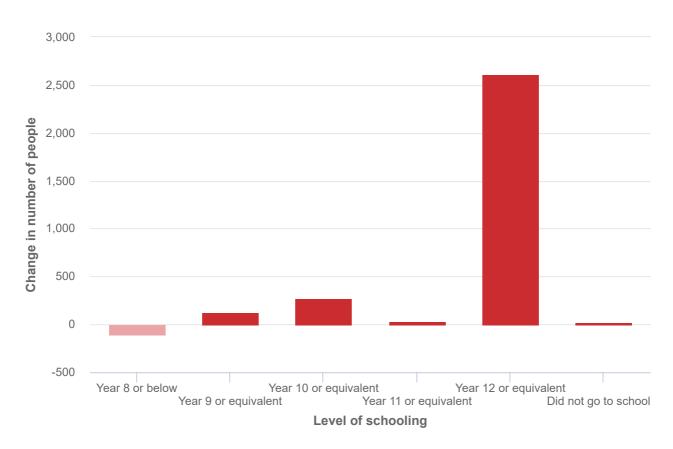
### Highest level of schooling completed, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in highest level of schooling completed, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

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

Overall, 27.9% of the population left school at Year 10 or below, and 56.2% went on to complete Year 12 or equivalent, compared with 27.3% and 56.0% respectively for Western Australia.

The major differences between the level of schooling attained by the population in Wanneroo and Western Australia were:

- A *larger* percentage of persons who completed year 11 or equivalent (11.1% compared to 9.6%)
- A *larger* percentage of persons who completed year 10 or equivalent (21.0% compared to 19.7%)

### **Emerging groups**

The largest changes in the level of schooling attained by the population in Wanneroo, between 2016 and 2021 were:

- Year 12 or equivalent (+2,612 persons)
- Year 10 or equivalent (+268 persons)
- Year 9 or equivalent (+128 persons)
- Year 8 or below (-99 persons)

## Education institution attending

The share of Wanneroo'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.

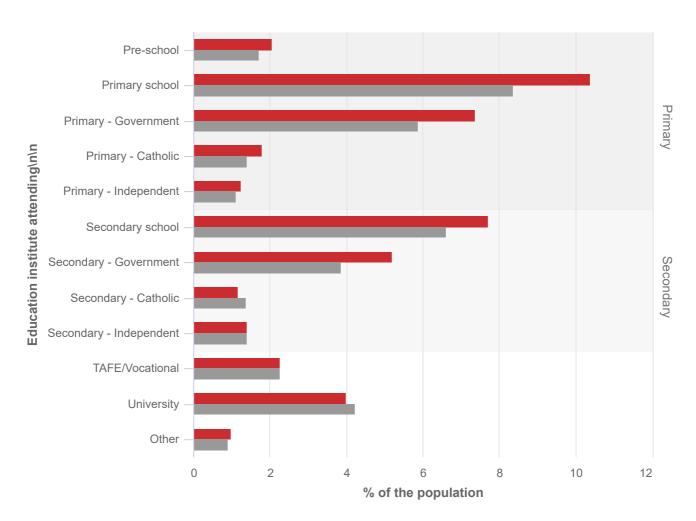
### **Education institution attending**

Wanneroo - Total persons (Usual residence)		2021			2016		Change
Type of institution	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Pre-school	1,013	2.0	1.7	648	1.4	1.2	+365
Primary school	5,130	10.4	8.4	4,886	10.8	8.5	+244
Primary - Government	3,645	7.4	5.9	3,455	7.6	5.9	+190
Primary - Catholic	877	1.8	1.4	887	2.0	1.5	-10
Primary - Independent	608	1.2	1.1	544	1.2	1.1	+64
Secondary school	3,814	7.7	6.6	3,205	7.1	6.3	+609
Secondary - Government	2,563	5.2	3.8	1,917	4.2	3.6	+646
Secondary - Catholic	569	1.2	1.4	571	1.3	1.4	-2
Secondary - Independent	682	1.4	1.4	717	1.6	1.4	-35
TAFE/Vocational	1,111	2.2	2.3	902	2.0	1.9	+209
University	1,975	4.0	4.2	1,771	3.9	4.3	+204
Other	476	1.0	0.9	375	0.8	0.7	+101
Not attending	33,945	68.6	69.7	31,452	69.2	69.0	+2,493
Not stated	1,998	4.0	6.3	2,201	4.8	8.0	-203
Total	49,462	100.0	100.0	45,440	100.0	100.0	+4,022

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

### Education institution attending, 2021

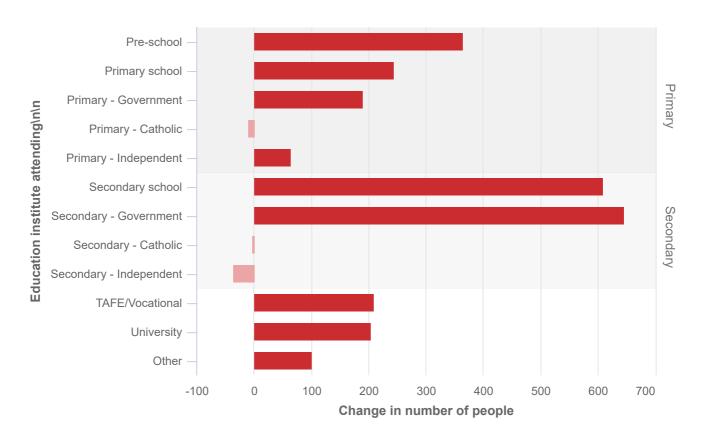




Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in education institution attending, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the share of the population attending educational institutions in Wanneroo in 2021 compared to Western Australia shows that there was a higher proportion attending primary school, a higher proportion attending secondary school, and a similar proportion engaged in tertiary level education.

Overall, 10.4% of the population were attending primary school, 7.7% of the population were attending secondary institutions, and 6.2% were learning at a tertiary level, compared with 8.4%, 6.6% and 6.5% respectively for Western Australia.

The major differences between the share of the population attending learning institutions in Wanneroo and Western Australia were:

- A *larger* percentage of persons attending a primary school (any type) (10.4% compared to 8.4%)
- A *larger* percentage of persons attending a Government primary school (7.4% compared to 5.9%)
- A *larger* percentage of persons attending a Government secondary school (5.2% compared to 3.8%)
- A larger percentage of persons attending a secondary school (any type) (7.7% compared to 6.6%)

# **Emerging groups**

From 2016 to 2021, Wanneroo's population increased by 4,022 people (+8.9%). This represents an average annual change of 1.71% per year over the period.

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

- Secondary Government (+646 persons)
- Secondary school (+609 persons)
- Pre-school (+365 persons)
- Primary school (+244 persons)

#### Need for assistance

Wanneroo'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. Wanneroo'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.

# Need for assistance with core activities by age

Wanneroo - Persons (Usual residence)		2021			2016		Change
Assistance needed by age group (years)	Number	% of total age group	Western Australia %	Number	% of total age group	Western Australia %	2016 to 2021
0 to 4	48	1.4	1.2	51	1.3	1.0	-3
5 to 9	197	5.1	3.6	96	2.5	2.5	+101
10 to 19	257	3.7	3.4	143	2.3	2.4	+114
20 to 59	510	1.9	2.1	402	1.5	1.9	+108
60 to 64	112	4.8	4.9	97	5.1	4.8	+15
65 to 69	125	6.4	6.1	101	5.8	6.2	+24
70 to 74	172	9.7	8.9	110	9.3	8.7	+62
75 to 79	161	13.4	14.3	111	12.8	13.9	+50
80 to 84	152	19.4	24.4	140	25.0	23.3	+12
85 and over	270	42.9	45.6	265	49.9	42.7	+5
Total persons needing assistance	2,019	4.1	4.6	1,515	3.3	3.9	+504

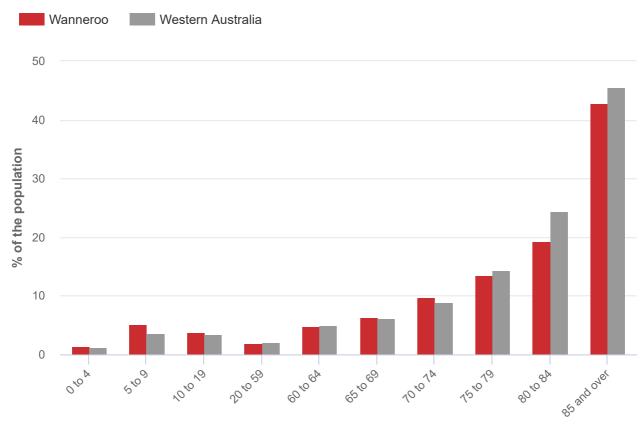
## Need for assistance with core activities summary

Wanneroo - Total persons (Usual residence)	2021				Change		
Assistance needed by age group (years)	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Total persons needing assistance	2,019	4.1	4.6	1,515	3.3	3.9	+504
Total persons not needing assistance	45,395	91.8	89.0	42,620	91.5	88.3	+2,775
Not stated	2,059	4.2	6.4	2,465	5.3	7.8	-406
Total Population	49,473	100.0	100.0	46,600	100.0	100.0	+2,873

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions)

Please refer to specific data notes for more information

#### Need for assistance with core activities, 2021

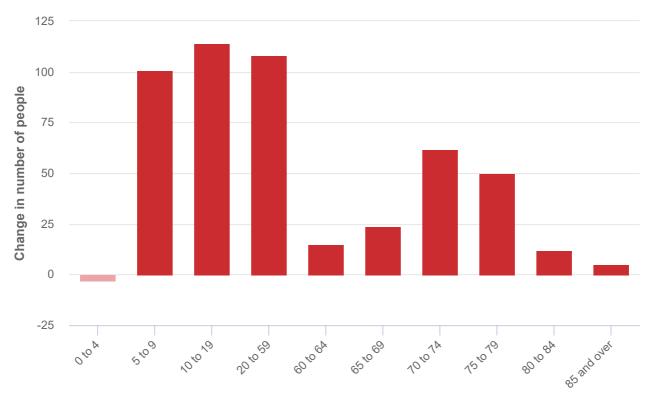


Persons who need assistance by age group (years)

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in need for assistance with core activities, 2016 to 2021

Wanneroo - Total persons



Persons who need assistance by age group (years)

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the need for assistance of people in Wanneroo compared to Western Australia shows that there was a lower proportion of people who reported needing assistance with core activities.

Overall, 4.1% of the population reported needing assistance with core activities, compared with 4.6% for Western Australia.

The major differences in the age groups reporting a need for assistance in Wanneroo and Western Australia were:

- A *larger* percentage of persons aged 5 to 9 (5.1% compared to 3.6%)
- A *smaller* percentage of persons aged 80 to 84 (19.4% compared to 24.4%)
- A *smaller* percentage of persons aged 85 and over (42.9% compared to 45.6%)

## **Emerging groups**

The major differences in the age groups reporting a need for assistance between 2016 and 2021 in Wanneroo were in the age groups:

- 10 to 19 (+114 persons)
- 20 to 59 (+108 persons)
- 5 to 9 (+101 persons)
- 70 to 74 (+62 persons)

The 2021 Census looked for the first time at the level of incidence of selected long-term health conditions in the community. The Census question asked respondents if they have been diagnosed with a specific condition (or other condition) from a list of ten conditions plus "other". Combined, these ten conditions comprise approximately 60% of Australia's deaths, and even those which are not deadly contribute substantially to the burden of disease.

It is well known that socio-economic factors also contribute to morbidity and health outcomes, with lower-socio economic characteristics correlated with higher incidence of some health conditions. The inclusion of this topic in the Census enables these factors to be explored in more detail.

Also, in society, health conditions tend to increase with age. For these reasons, it is recommended that long-term health conditions data for be viewed at in conjunction with age structure, household income, educational qualifications, and need for assistance datasets, along with the SEIFA index of disadvantage.

### Long term health conditions

Wanneroo - Persons (Usual residence)	2021			
Long-term health conditions	Number	%	Western Australia %	
Arthritis	3,525	7.1	7.6	
Asthma	3,796	7.7	7.3	
Cancer (including remission)	1,160	2.3	2.7	
Dementia (including Alzheimer's)	252	0.5	0.7	
Diabetes	2,063	4.2	4.4	
Heart disease	1,550	3.1	3.6	
Kidney disease	350	0.7	0.8	
Lung condition	731	1.5	1.6	
Mental health condition	4,091	8.3	8.3	
Stroke	336	0.7	0.8	
Other long-term health condition	3,695	7.5	7.4	

Source: Australian Bureau of Statistics, Census of Population and Housing 2021. Compiled and presented by id (informed decisions).

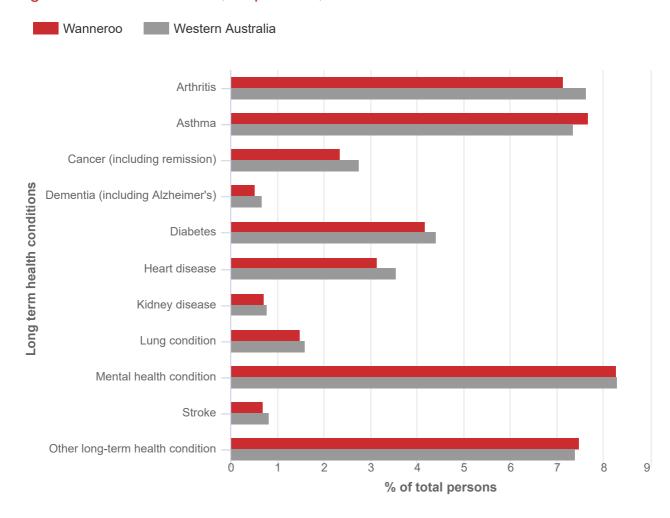
## Long term health conditions - Summary

Wanneroo - Persons (Usual residence)		2021	
Long-term health conditions - Summary	Number	%	Western Australia %
Population with at least one long-term health condition	14,526	29.4	29.9
No long-term health conditions	31,574	63.8	61.2
Not stated	3,367	6.8	8.9
Total persons	49,467	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2021. Compiled and presented by <u>.id</u> (informed decisions).

Please refer to specific data notes for more information

#### Long term health conditions, all persons, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by <u>.id</u> (informed decisions).

# **Dominant groups**

Analysis of the long term health conditions of Wanneroo in 2021 compared to Western Australia shows that there was a lower proportion of people with a long-term health condition 29.4% compared to 29.9% in Western Australia.

There were no major differences in the long-term health conditions between Wanneroo and Western Australia in 2021.

## **Employment status**

Wanneroo'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

Please note that in the 2021 Census, due to the COVID pandemic and lockdowns in many areas, the proportion of people who were employed but away from work in the week before Census has increased. We have no information on whether these people were normally employed full or part time so this is shown separately.

#### Labour force status

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Labour force status	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Total labour force (Participation rate)	26,676	69.5	63.9	24,779	69.1	62.9	+1,897
Not in the labour force	10,059	26.2	29.8	9,257	25.8	29.8	+802
Labour force status not stated	1,626	4.2	6.3	1,810	5.1	7.3	-184
Total persons aged 15+	38,361	100.0	100.0	35,838	100.0	100.0	+2,523

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

## **Employment status**

Wanneroo - Persons in the labour force (Usual residence)	2021			2016			Change
Employment status	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Employed	25,378	95.1	94.9	22,910	92.5	92.2	+2,468
Employed full-time	15,182	56.9	57.1	14,220	57.4	57.0	+962
Employed part-time	8,615	32.3	32.0	7,404	29.9	30.0	+1,211
Employed, away from work	1,581	5.9	5.8	1,286	5.2	5.2	+295
Unemployed (Unemployment rate)	1,298	4.9	5.1	1,869	7.5	7.8	-571
Looking for full-time work	654	2.5	2.7	1,118	4.5	4.7	-464
Looking for part-time work	644	2.4	2.4	751	3.0	3.1	-107
Total labour force	26,676	100.0	100.0	24,779	100.0	100.0	+1,897

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

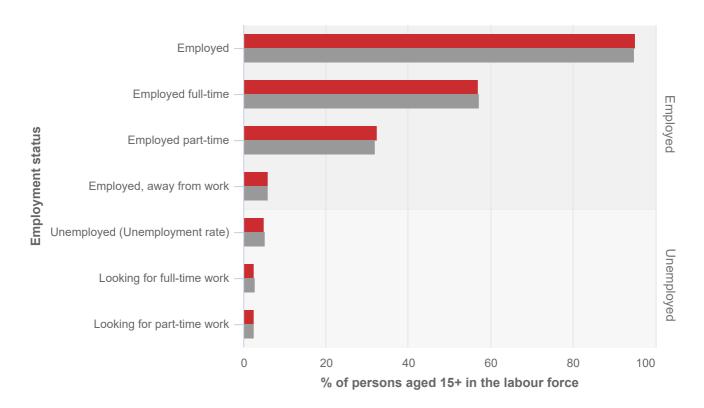
Please refer to specific data notes for more information

- a 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

#### Employment status, 2021

Total persons in the labour force

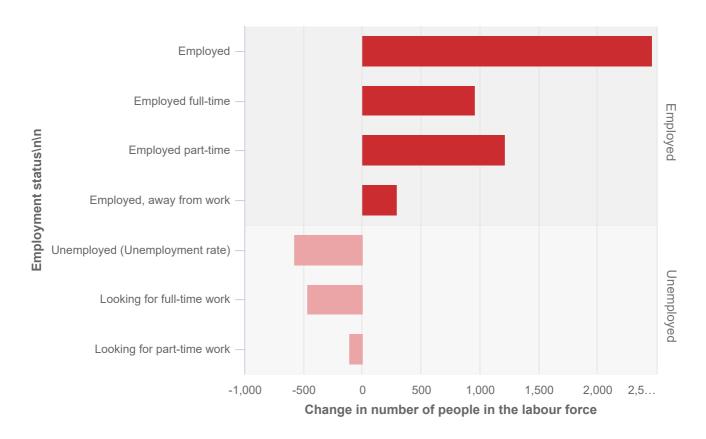




Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in employment status, 2016 to 2021

Wanneroo - Total persons in the labour force



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

The size of Wanneroo's labour force in 2021 was 26,676, of which 8,615 were employed part-time and 15,182 were full time workers.

Analysis of the employment status (as a percentage of the labour force) in Wanneroo in 2021 compared to Western Australia shows that there was a similar proportion in employment, as well as a similar proportion unemployed. Overall, 95.1% of the labour force was employed, and 4.9% unemployed, compared with 94.9% and 5.1% respectively for Western Australia.

Analysis of the labour force participation rate of the population in Wanneroo in 2021 shows that there was a higher proportion in the labour force (69.5%) compared with Western Australia (63.9%).

## **Emerging groups**

Between 2016 and 2021, the number of people employed in Wanneroo showed an increase of 2,468, and the number unemployed showed a decrease of 571. In the same period, the number of people in the labour force showed an increase of 1,897 or 7.7%.

# Industry sector of employment

Wanneroo'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.

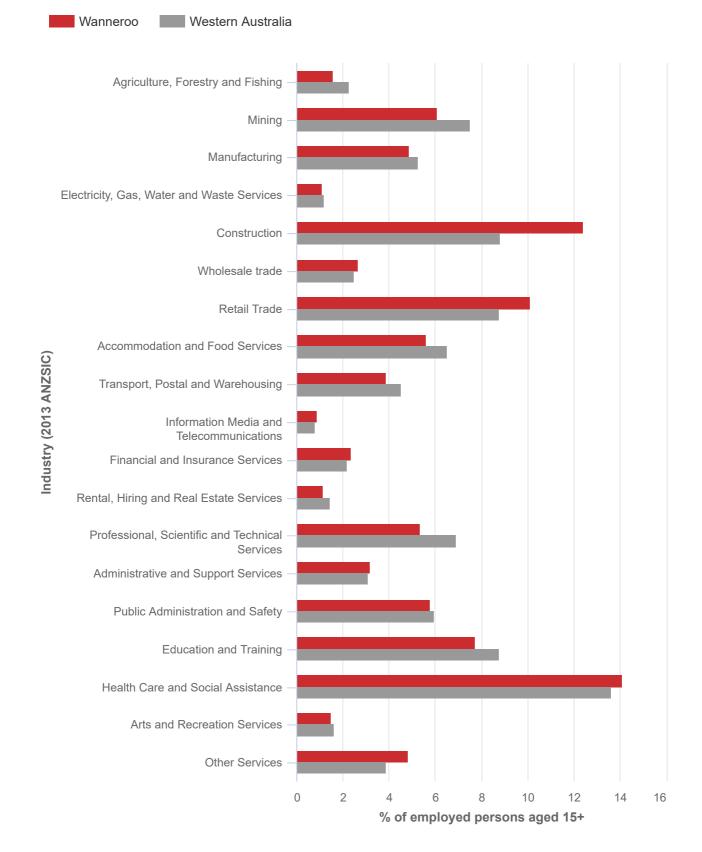
## Industry sector of employment

Wanneroo - Employed persons (Usual residence)		2021			2016		Change
Industry sector	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Agriculture, Forestry and Fishing	391	1.5	2.3	372	1.6	2.5	+19
Mining	1,537	6.1	7.5	1,023	4.5	6.3	+514
Manufacturing	1,238	4.9	5.3	1,288	5.6	5.6	-50
Electricity, Gas, Water and Waste Services	275	1.1	1.2	259	1.1	1.2	+16
Construction	3,143	12.4	8.8	3,136	13.7	9.8	+7
Wholesale trade	667	2.6	2.5	592	2.6	2.5	+75
Retail Trade	2,570	10.1	8.8	2,459	10.7	9.5	+111
Accommodation and Food Services	1,418	5.6	6.5	1,225	5.3	6.4	+193
Transport, Postal and Warehousing	981	3.9	4.5	882	3.9	4.6	+99
Information Media and Telecommunications	216	0.9	0.8	236	1.0	1.0	-20
Financial and Insurance Services	592	2.3	2.2	604	2.6	2.4	-12
Rental, Hiring and Real Estate Services	289	1.1	1.4	329	1.4	1.7	-40
Professional, Scientific and Technical Services	1,351	5.3	6.9	1,137	5.0	6.4	+214
Administrative and Support Services	803	3.2	3.1	787	3.4	3.3	+16
Public Administration and Safety	1,461	5.8	5.9	1,439	6.3	6.2	+22
Education and Training	1,963	7.7	8.8	1,631	7.1	8.7	+332
Health Care and Social Assistance	3,581	14.1	13.6	2,930	12.8	11.7	+651
Arts and Recreation Services	375	1.5	1.6	319	1.4	1.6	+56
Other Services	1,226	4.8	3.9	1,179	5.1	4.0	+47
Inadequately described or not stated	1,311	5.2	4.6	1,072	4.7	4.6	+239
Total employed persons aged 15+	25,388	100.0	100.0	22,898	100.0	100.0	+2,490

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

#### Industry sector of employment, 2021

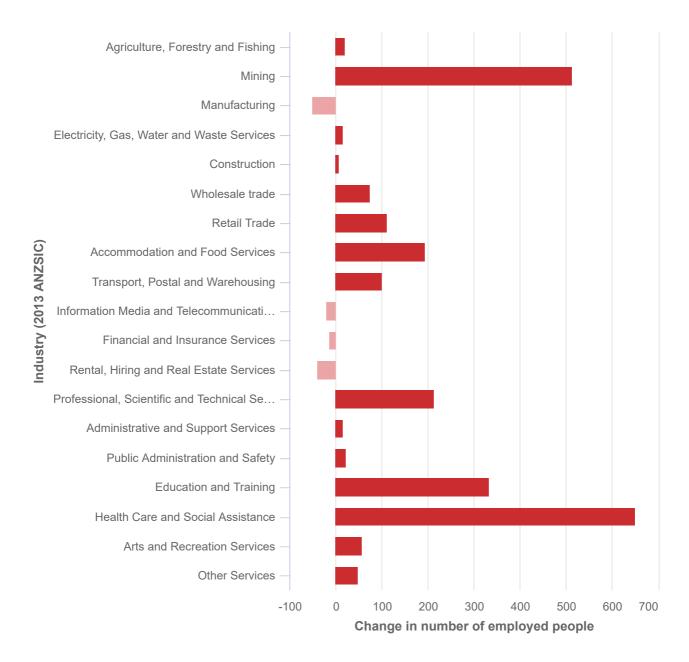
Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in industry sector of employment, 2016 to 2021

Wanneroo - Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

## **Dominant groups**

An analysis of the jobs held by the resident population in Wanneroo in 2021 shows the three most popular industry sectors were:

- Health Care and Social Assistance (3,581 people or 14.1%)
- Construction (3,143 people or 12.4%)
- Retail Trade (2,570 people or 10.1%)

In combination, these three industries employed 9,294 people in total or 36.6% of the total employed resident population.

In comparison, Western Australia employed 13.6% in Health Care and Social Assistance; 8.8% in Construction; and 8.8% in Retail Trade.

The major differences between the jobs held by the population of Wanneroo and Western Australia were:

- A *larger* percentage of persons employed in construction (12.4% compared to 8.8%)
- A larger percentage of persons employed in retail trade (10.1% compared to 8.8%)
- A *smaller* percentage of persons employed in professional, scientific and technical services (5.3% compared to 6.9%)
- A *smaller* percentage of persons employed in mining (6.1% compared to 7.5%)

## **Emerging groups**

The number of employed people in Wanneroo increased by 2,490 between 2016 and 2021.

The largest changes in the jobs held by the resident population between 2016 and 2021 in Wanneroo were for those employed in:

- Health Care and Social Assistance (+651 persons)
- Mining (+514 persons)
- Education and Training (+332 persons)
- Professional, Scientific and Technical Services (+214 persons)

# Occupation of employment

Wanneroo'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 Wanneroo's socio-economic status and skill base.

### Occupation of employment

Wanneroo - Employed persons (Usual residence)		2021			2016		Change
Occupation	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Managers	2,733	10.8	12.3	2,382	10.4	12.0	+351
Professionals	4,207	16.6	22.0	3,640	15.9	20.5	+567
Technicians and Trades Workers	4,622	18.2	15.3	4,396	19.2	16.2	+226
Community and Personal Service Workers	3,229	12.7	11.8	2,611	11.4	10.6	+618
Clerical and Administrative Workers	3,449	13.6	12.1	3,408	14.9	13.0	+41
Sales Workers	2,204	8.7	7.8	2,156	9.4	8.8	+48
Machinery Operators And Drivers	1,901	7.5	7.7	1,598	7.0	7.5	+303
Labourers	2,577	10.2	9.4	2,307	10.1	9.7	+270
Not stated or inadequately described	457	1.8	1.7	396	1.7	1.7	+61
Total employed persons aged 15+	25,381	100.0	100.0	22,898	100.0	100.0	+2,483

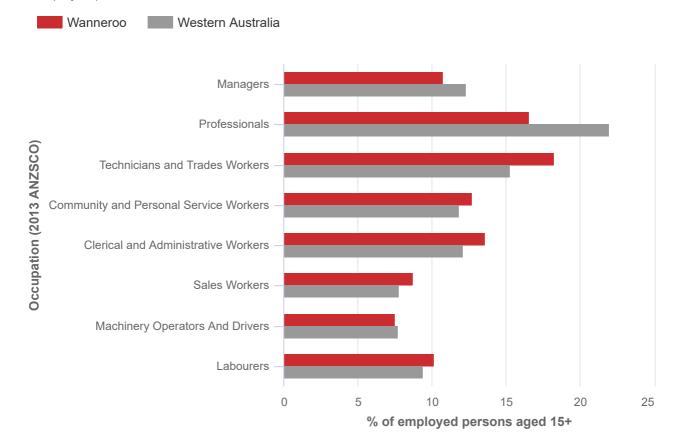
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

Please refer to specific data notes for more information

People employed as Managers or Professionals

#### Occupation of employment, 2021

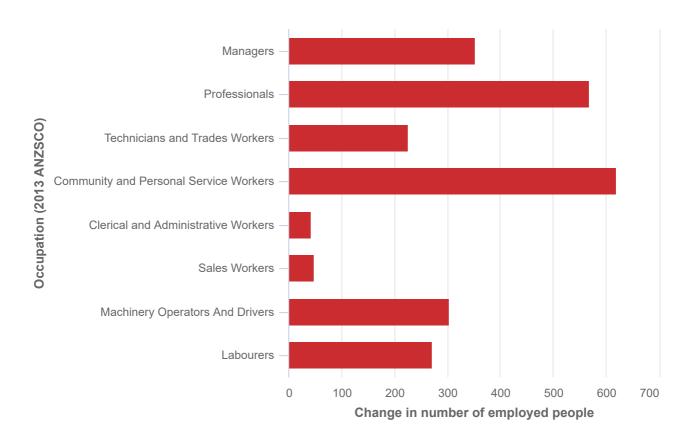
Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in occupation of employment, 2016 to 2021

Wanneroo - Total employed persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

An analysis of the jobs held by the resident population in Wanneroo in 2021 shows the three most popular occupations were:

- Technicians and Trades Workers (4,622 people or 18.2%)
- Professionals (4,207 people or 16.6%)
- Clerical and Administrative Workers (3,449 people or 13.6%)

In combination these three occupations accounted for 12,278 people in total or 48.4% of the employed resident population.

In comparison, Western Australia employed 15.3% in Technicians and Trades Workers; 22.0% in Professionals; and 12.1% in Clerical and Administrative Workers.

#### The major differences between the jobs held by the population of Wanneroo and Western Australia were:

- A *larger* percentage of persons employed as Technicians and Trades Workers (18.2% compared to 15.3%)
- A *larger* percentage of persons employed as Clerical and Administrative Workers (13.6% compared to 12.1%)
- A *smaller* percentage of persons employed as Professionals (16.6% compared to 22.0%)
- A *smaller* percentage of persons employed as Managers (10.8% compared to 12.3%)

# **Emerging groups**

The number of employed people in Wanneroo increased by 2,483 between 2016 and 2021.

The largest changes in the occupations of residents between 2016 and 2021 in Wanneroo were for those employed as:

- Community and Personal Service Workers (+618 persons)
- Professionals (+567 persons)
- Managers (+351 persons)
- Machinery Operators And Drivers (+303 persons)

#### Method of travel to work

Wanneroo'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.

WARNING: Method of travel to work relates to Census day, which for the 2021 Census occurred during COVID-19 lockdowns for large parts of Australia. In lockdown, many occupations were required to work from home if possible, and some industries were closed, so people did not go to work. For this reason, these categories may have increased, with corresponding declines in other methods of travel. Use the data with caution when comparing over time. For more details, please refer to the data notes.

#### Method of travel to work

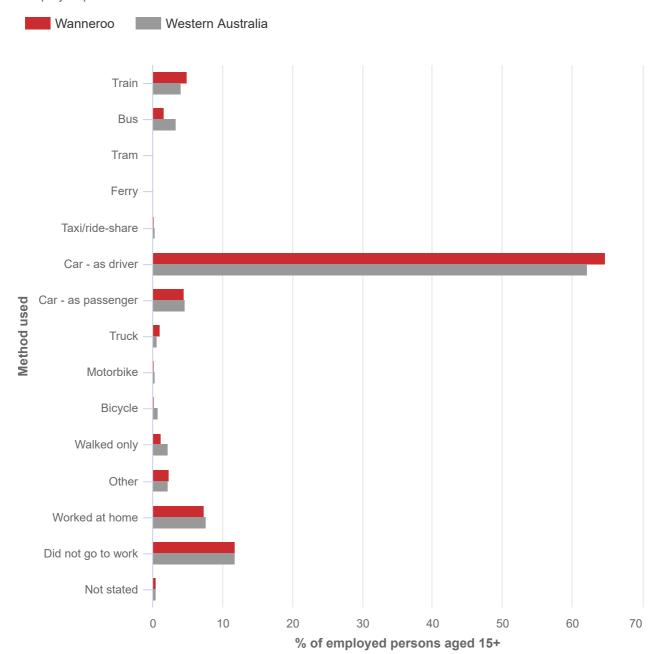
Wanneroo - Employed persons (Usual residence)		2021			2016		Change
Main method of travel	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Train	1,227	4.8	4.0	1,822	8.0	4.9	-595
Bus	409	1.6	3.3	534	2.3	4.3	-125
Tram	0		0.0	0		0.0	0
Ferry	13	0.1	0.0	6	0.0	0.0	+7
Taxi/ride-share	52	0.2	0.3	36	0.2	0.2	+16
Car - as driver	16,405	64.6	62.1	15,282	66.8	63.3	+1,123
Car - as passenger	1,132	4.5	4.6	1,112	4.9	4.9	+20
Truck	248	1.0	0.6	277	1.2	0.7	-29
Motorbike	54	0.2	0.3	88	0.4	0.5	-34
Bicycle	33	0.1	0.7	64	0.3	1.0	-31
Walked only	280	1.1	2.2	276	1.2	2.8	+4
Other	586	2.3	2.2	0		2.0	+586
Worked at home	1,863	7.3	7.5	934	4.1	4.3	+929
Did not go to work	2,964	11.7	11.7	2,241	9.8	10.1	+723
Not stated	111	0.4	0.5	222	1.0	1.1	-111
Total employed persons aged 15+	25,377	100.0	100.0	22,894	100.0	100.0	+2,483

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

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

#### Method of travel to work, 2021

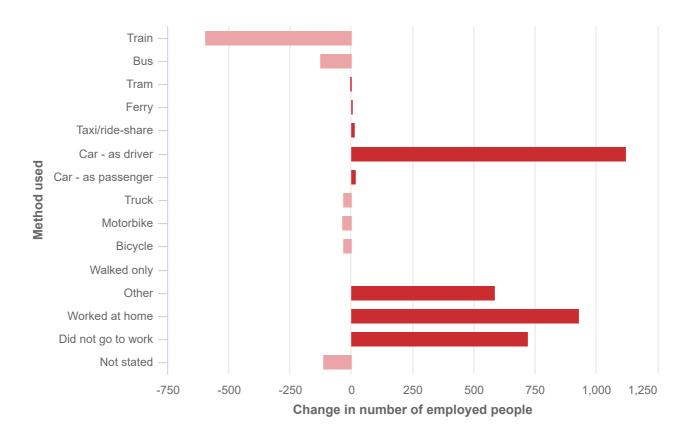
Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by <u>.id</u> (informed decisions).

#### Change in method of travel to work, 2016 to 2021

Wanneroo - Total employed persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

In 2021, there were 1,649 people who caught public transport to work (train, bus, tram or ferry) in Wanneroo, compared with 17,839 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 Wanneroo in 2021, compared to Western Australia, shows that 6.5% used public transport, while 69.1% used a private vehicle, compared with 7.4% and 66.7% respectively in Western Australia.

The major differences in persons between the method of travel to work of Wanneroo and Western Australia were:

- A *larger* percentage of persons who travelled by car (as driver) (64.6% compared to 62.1%)
- A *smaller* percentage of persons who travelled by bus (1.6% compared to 3.3%)
- A *smaller* percentage of persons who walked only (1.1% compared to 2.2%)

#### **Emerging groups**

The number of employed people in Wanneroo increased by 2,483 between 2016 and 2021.

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

- Car as driver (+1,123 persons)
- Worked at home (+929 persons)
- Did not go to work (+723 persons)
- Train (-595 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.

Further reading: Using demographics to inform gender equality

# Workforce and educational engagement by age

Wanneroo - Pe (Usual residenc	rsons aged 15+ ce)		2021			2016		Change
Age group	Engagement status	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
15 to 24 years	Fully engaged	4,548	73.7	72.5	4,394	71.5	70.7	+154
15 to 24 years	Partially engaged	922	14.9	13.0	856	13.9	12.3	+66
15 to 24 years	Disengaged	499	8.1	8.8	614	10.0	10.5	-115
15 to 24 years	Undetermined/Not stated	203	3.3	5.7	282	4.6	6.5	-79
15 to 24 years	Total	6,172	100.0	100.0	6,146	100.0	100.0	+26
25 to 54 years	Fully engaged	11,928	57.5	55.6	11,488	55.9	53.7	+440
25 to 54 years	Partially engaged	5,413	26.1	23.6	4,969	24.2	22.1	+444
25 to 54 years	Disengaged	2,550	12.3	13.6	3,113	15.1	16.4	-563
25 to 54 years	Undetermined/Not stated	868	4.2	7.2	995	4.8	7.9	-127
25 to 54 years	Total	20,759	100.0	100.0	20,565	100.0	100.0	+194
55 to 64 years	Fully engaged	2,227	44.0	41.0	1,696	40.0	37.9	+531
55 to 64 years	Partially engaged	1,353	26.8	25.2	1,031	24.3	23.9	+322
55 to 64 years	Disengaged	1,259	24.9	27.8	1,285	30.3	30.9	-26
55 to 64 years	Undetermined/Not stated	217	4.3	5.9	229	5.4	7.3	-12
55 to 64 years	Total	5,056	100.0	100.0	4,241	100.0	100.0	+815
65 years and over	Fully engaged	404	6.3	6.5	238	4.9	5.7	+166
65 years and over	Partially engaged	584	9.2	9.4	420	8.6	8.6	+164
65 years and over	Disengaged	4,938	77.5	76.2	3,775	77.5	74.4	+1,163
65 years and over	Undetermined/Not stated	442	6.9	7.9	436	9.0	11.2	+6
65 years and over	Total	6,368	100.0	100.0	4,869	100.0	100.0	+1,499
Total aged 15+	Fully engaged	19,107	49.8	46.2	17,816	49.7	45.8	+1,291
Total aged 15+	Partially engaged	8,272	21.6	19.5	7,276	20.3	18.5	+996

# Workforce and educational engagement by age

Wanneroo - Pe (Usual residen	ersons aged 15+ ce)		2021			2021 2016				2016		
Age group	Engagement status	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021				
Total aged 15+	Disengaged	9,246	24.1	27.4	8,787	24.5	27.6	+459				
Total aged 15+	Undetermined/Not stated	1,730	4.5	6.9	1,942	5.4	8.2	-212				
Total aged 15+	Total	38,355	100.0	100.0	35,821	100.0	100.0	+2,534				

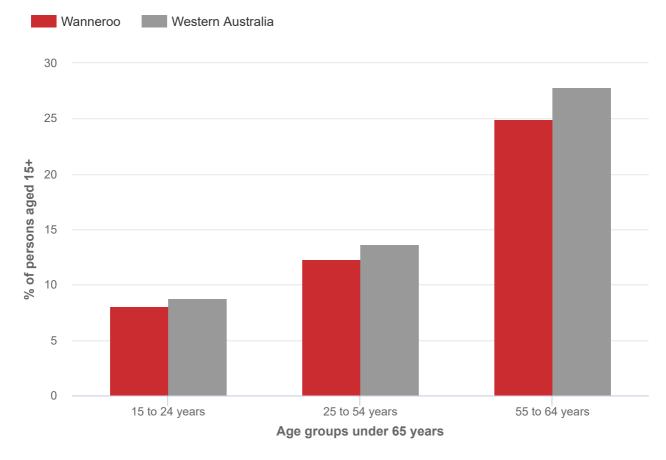
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

Please refer to specific data notes for more information

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

#### Disengaged persons by age, 2021

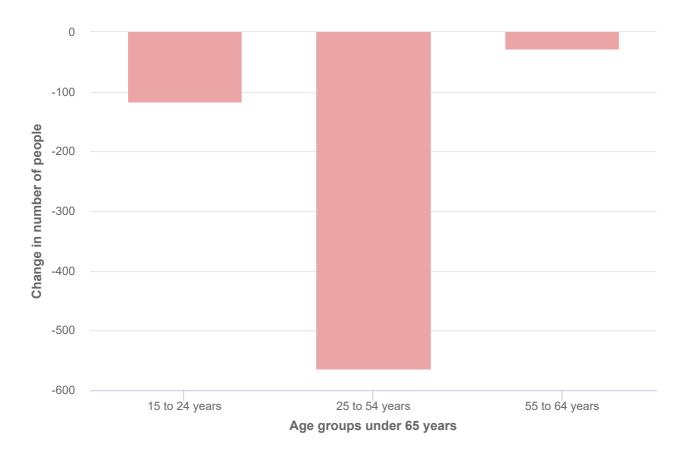
Total disengaged persons under 65 years



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by <u>.id</u> (informed decisions).

#### Change in disengaged persons by age, 2016 to 2021

Wanneroo - Total disengaged persons under 65 years



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### **Dominant groups**

The number of people aged 15 to 24 years in Wanneroo in 2016 was 6,172, of this, 8.1% were disengaged and 14.9% were partially engaged, compared to 8.8% and 13.0% respectively for Western Australia.

# **Emerging groups**

Between 2016 and 2021, the number of people 15 to 24 years in Wanneroo showed an increase of 26.

The number of disengaged people aged 15 to 24 years showed a decrease of 115 or 18.7%.

#### 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 Wanneroo include the Age Structure of the population, the level of Proficiency in English, Income and Education levels.

Volunteer numbers for the 2021 Census declined in many parts of Australia due to lockdowns and COVID-19 distancing measures.

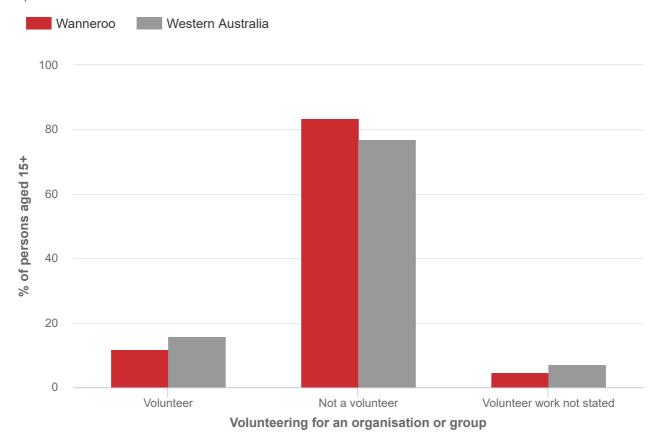
#### Volunteer work

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Volunteer status	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Volunteer	4,523	11.8	15.9	5,179	14.5	19.0	-656
Not a volunteer	32,014	83.5	77.0	28,435	79.4	72.1	+3,579
Volunteer work not stated	1,820	4.7	7.1	2,218	6.2	8.9	-398
Total persons aged 15+	38,357	100.0	100.0	35,832	100.0	100.0	+2,525

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

#### Volunteer work, 2021

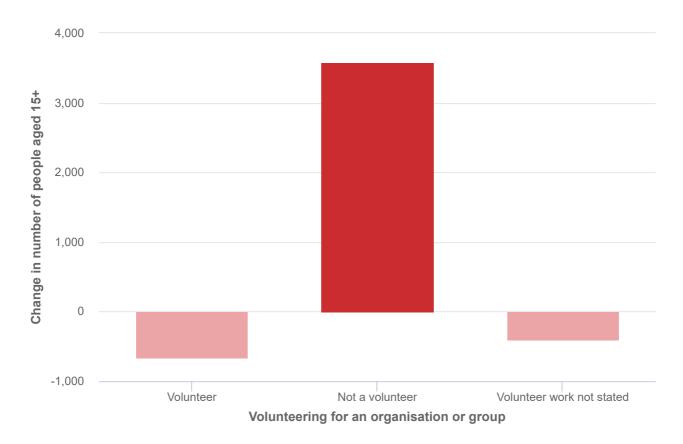
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in volunteer work, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

### **Dominant groups**

Analysis of the voluntary work performed by the population in Wanneroo in 2021 compared to Western Australia shows that there was a lower proportion of people who volunteered for an organisation or group.

Overall, 11.8% of the population reported performing voluntary work, compared with 15.9% for Western Australia.

# **Emerging groups**

The number of volunteers in Wanneroo decreased by 656 people between 2016 and 2021.

# 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 Wanneroo may also be related to Household Income, as higher income households are able to outsource some of these tasks.

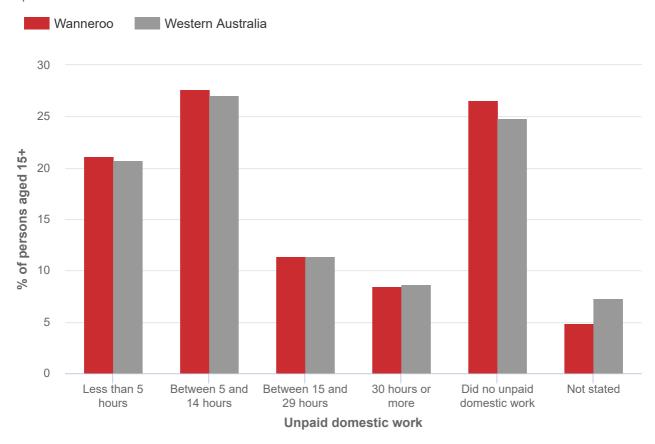
# Unpaid domestic work

Wanneroo - Persons aged 15+ (Usual residence)		2021			2016			
Hours spent on unpaid domestic work	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021	
Did unpaid domestic work	26,311	68.6	67.9	25,699	71.7	69.4	+612	
Less than 5 hours	8,107	21.1	20.8	8,332	23.2	22.4	-225	
Between 5 and 14 hours	10,593	27.6	27.1	9,783	27.3	26.1	+810	
Between 15 and 29 hours	4,371	11.4	11.4	4,142	11.6	11.4	+229	
30 hours or more	3,240	8.4	8.7	3,442	9.6	9.5	-202	
Did no unpaid domestic work	10,187	26.6	24.8	7,752	21.6	21.2	+2,435	
Not stated	1,863	4.9	7.3	2,389	6.7	9.4	-526	
Total persons aged 15+	38,361	100.0	100.0	35,840	100.0	100.0	+2,521	

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

#### Unpaid domestic work, 2021

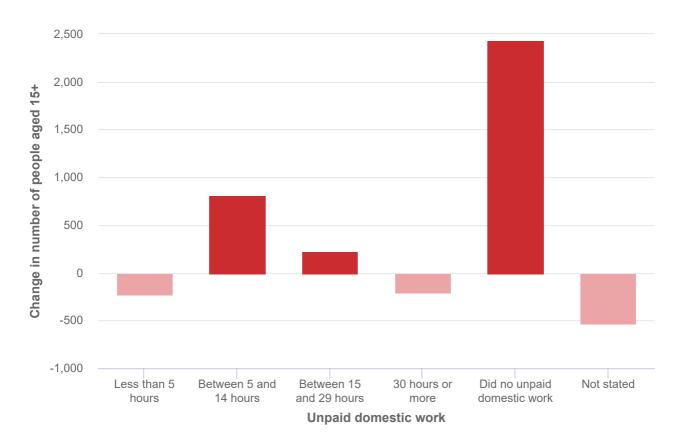
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in unpaid domestic work, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

Analysis of the unpaid domestic work performed by the population in Wanneroo in 2021 compared to Western Australia shows that there was a similar proportion of persons who performed 15 hours or more of unpaid domestic work per week.

Overall, 20% of the population reported performing 15 hours or more of unpaid domestic work, compared with 20.1% for Western Australia.

The major differences between the share of the population performing unpaid domestic work in Wanneroo and Western Australia were:

- A *larger* percentage of persons who did no unpaid domestic work (26.6% compared to 24.8%)
- A *larger* percentage of persons who did unpaid domestic work (total) (68.6% compared to 67.9%)
- A *larger* percentage of persons who did between 5 and 14 hours of domestic work (27.6% compared to 27.1%)

# **Emerging groups**

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

- Did no unpaid domestic work (+2,435 persons)
- Between 5 and 14 hours (+810 persons)
- Did unpaid domestic work (+612 persons)
- Between 15 and 29 hours (+229 persons)

# Unpaid care

The proportion of people providing unpaid care for the aged and disabled in Wanneroo 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.

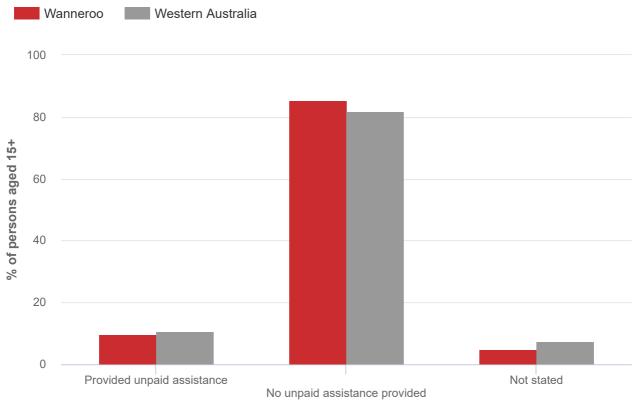
# Unpaid care

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Assistance to a person with a disability, long term illness or old age	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Provided unpaid assistance	3,681	9.6	10.7	2,978	8.3	9.8	+703
No unpaid assistance provided	32,772	85.4	81.9	30,463	85.0	80.7	+2,309
Not stated	1,909	5.0	7.3	2,400	6.7	9.5	-491
Total persons aged 15+	38,362	100.0	100.0	35,841	100.0	100.0	+2,521

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

#### Unpaid care, 2021

Total persons

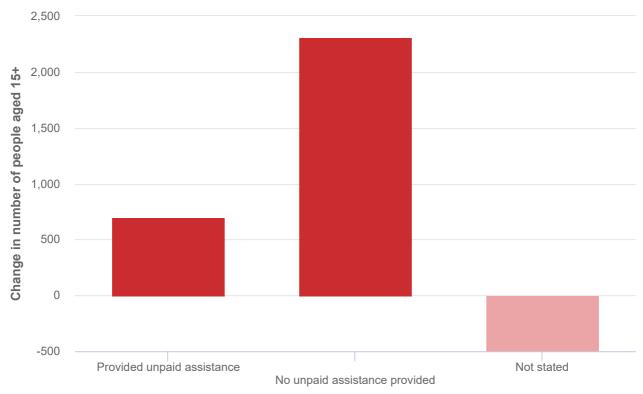


Unpaid assistance to a person with a disability, long term illness or old age

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in unpaid care, 2016 to 2021

Wanneroo - 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 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

### **Dominant groups**

Analysis of the unpaid care provided by the population in Wanneroo in 2021 compared to Western Australia shows that there was a lower proportion of people who provided unpaid care either to family members or others.

Overall, 9.6% of the population provided unpaid care, compared with 10.7% for Western Australia.

# **Emerging groups**

The number of people who provided unpaid assistance to a person with a disability, long term illness or old age in Wanneroo increased by 703 between 2016 and 2021.

# Unpaid childcare

The role of unpaid childcare in Wanneroo 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.

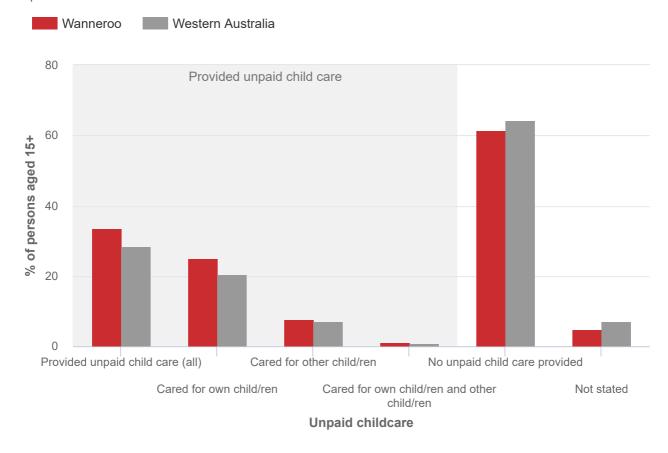
#### Unpaid childcare

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Unpaid child care	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Provided unpaid child care (all)	12,908	33.7	28.5	12,382	34.5	28.5	+526
Cared for own child/ren	9,581	25.0	20.5	9,468	26.4	20.6	+113
Cared for other child/ren	2,898	7.6	7.1	2,589	7.2	7.0	+309
Cared for own child/ren and other child/ren	429	1.1	0.9	325	0.9	0.8	+104
No unpaid child care provided	23,633	61.6	64.4	21,187	59.1	62.6	+2,446
Not stated	1,815	4.7	7.1	2,270	6.3	9.0	-455
Total persons aged 15+	38,356	100.0	100.0	35,839	100.0	100.0	+2,517

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

# Unpaid childcare, 2021

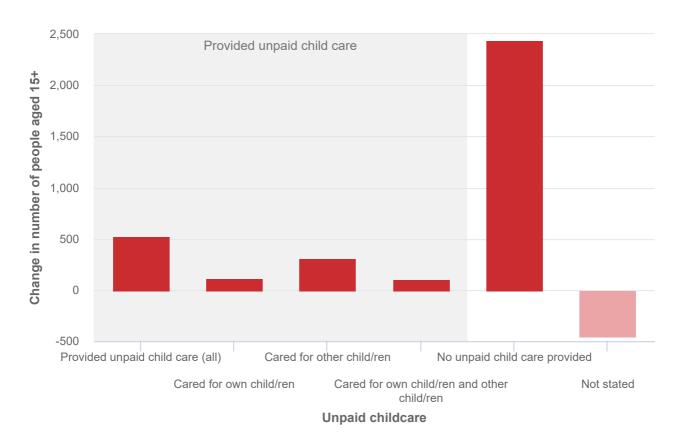
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in unpaid childcare, 2016 to 2021

Wanneroo - Total persons



Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u>, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

Analysis of the unpaid child care provided by the population in Wanneroo in 2021 compared to Western Australia shows that there was a higher proportion of people who provided unpaid child care either to their own or to other children. Overall, 33.7% of the population provided unpaid child care, compared with 28.5% for Western Australia.

The major differences between the share of the population providing unpaid child care in Wanneroo and Western Australia were:

- A larger percentage who provided unpaid childcare for own child/ren (25.0% compared to 20.5%)
- A smaller percentage who did not provide care for children (61.6% compared to 64.4%)

#### **Emerging groups**

The number of people who provided unpaid child care for their own and/or other people's children in Wanneroo increased by 526 between 2016 and 2021.

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

- No unpaid child care provided (+2,446 persons)
- Cared for other child/ren (+309 persons)
- Cared for own child/ren (+113 persons)
- Cared for own child/ren and other child/ren (+104 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 Wanneroo. 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.

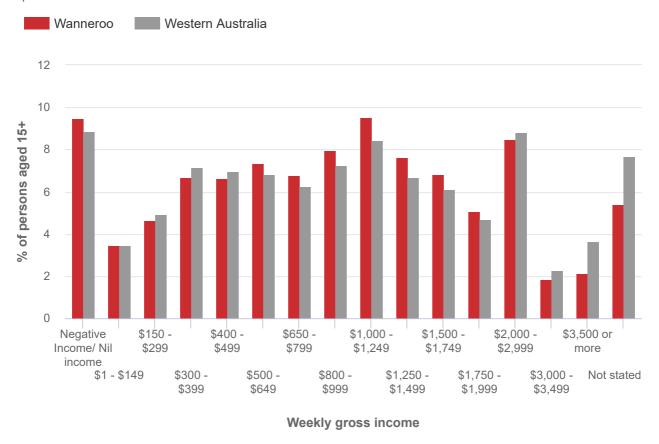
# Weekly individual income

Wanneroo - Persons aged 15+ (Usual residence)		2021	
Weekly gross income	Number	%	Western Australia %
Negative Income/ Nil income	3,633	9.5	8.8
\$1 - \$149	1,321	3.4	3.5
\$150 - \$299	1,786	4.7	4.9
\$300 - \$399	2,568	6.7	7.1
\$400 - \$499	2,553	6.7	7.0
\$500 - \$649	2,815	7.3	6.8
\$650 - \$799	2,602	6.8	6.3
\$800 - \$999	3,055	8.0	7.2
\$1,000 - \$1,249	3,663	9.5	8.5
\$1,250 - \$1,499	2,927	7.6	6.7
\$1,500 - \$1,749	2,629	6.9	6.1
\$1,750 - \$1,999	1,948	5.1	4.7
\$2,000 - \$2,999	3,259	8.5	8.8
\$3,000 - \$3,499	710	1.9	2.3
\$3,500 or more	825	2.2	3.6
Not stated	2,078	5.4	7.7
Total persons aged 15+	38,372	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2021. Compiled and presented in profile.id by <u>.id</u> (informed decisions).

#### Weekly individual income, 2021

Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

Analysis of individual income levels in Wanneroo in 2021 compared to Western Australia shows that there was a lower proportion of people earning a high income (those earning \$2,000 per week or more) and a similar proportion of low income people (those earning less than \$500 per week).

Overall, 12.5% of the population earned a high income, and 30.9% earned a low income, compared with 14.7% and 31.3% respectively for Western Australia.

The major differences between Wanneroo's individual incomes and Western Australia's individual incomes were:

- A *larger* percentage of persons who earned \$1,000 \$1,249 (9.5% compared to 8.5%)
- A *larger* percentage of persons who earned \$1,250 \$1,499 (7.6% compared to 6.7%)
- A smaller percentage of persons who earned \$3,500 or more (2.2% compared to 3.6%)

# Individual income quartiles

Wanneroo's 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 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 **specific** data notes.

# Individual income quartiles

Wanneroo - Persons aged 15+ (Usual residence)	2021				Change		
Quartile group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Lowest group	8,845	24.4	25.0	8,128	24.4	25.0	+718
Medium lowest	9,174	25.3	25.0	7,991	24.0	25.0	+1,183
Medium highest	9,958	27.4	25.0	9,374	28.1	25.0	+584
Highest group	8,315	22.9	25.0	7,841	23.5	25.0	+475
Total persons aged 15+	36,294	100.0	100.0	33,335	100.0	100.0	+2,959

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

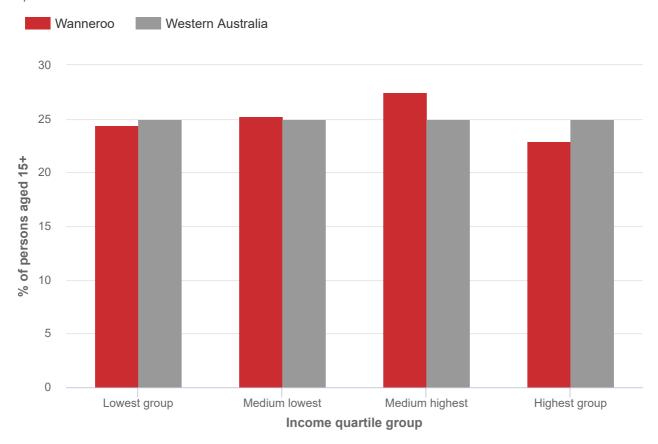
Please refer to specific data notes for more information

#### Individual income - Quartile group dollar ranges

Calculated from income data for WA - Total persons aged 15+	Weekly income by Census year							
Individual quartile ranges	2021	2016	2011	2006	2001			
Lowest group	\$0 to \$381	\$0 to \$322	\$0 to \$284	\$0 to \$219	\$0 to \$178			
Medium lowest	\$382 to \$848	\$323 to \$723	\$285 to \$661	\$220 to \$500	\$179 to \$374			
Medium highest	\$849 to \$1,599	\$724 to \$1,407	\$662 to \$1,271	\$501 to \$941	\$375 to \$692			
Highest group	\$1,600 and over	\$1,408 and over	\$1,272 and over	\$942 and over	\$693 and over			

#### Individual income quartiles, 2021

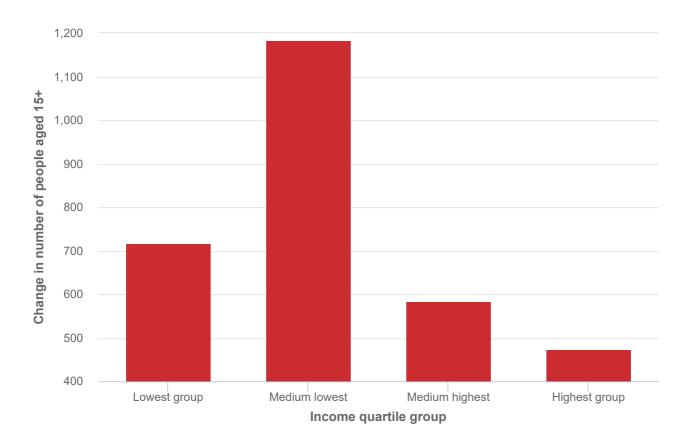
Total persons



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by id (informed decisions).

#### Change in individual income quartiles, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

### **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 Wanneroo compared to Western Australia shows that there was lesser proportion of persons in the highest income quartile as well as a lesser proportion in the lowest income quartile.

#### **Emerging groups**

The most significant change in Wanneroo in persons between 2016 and 2021 was in the medium lowest quartile which showed an increase of 1,183 persons.

#### Household income

Households form the common 'economic unit' in our society. Wanneroo'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 Wanneroo. 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.

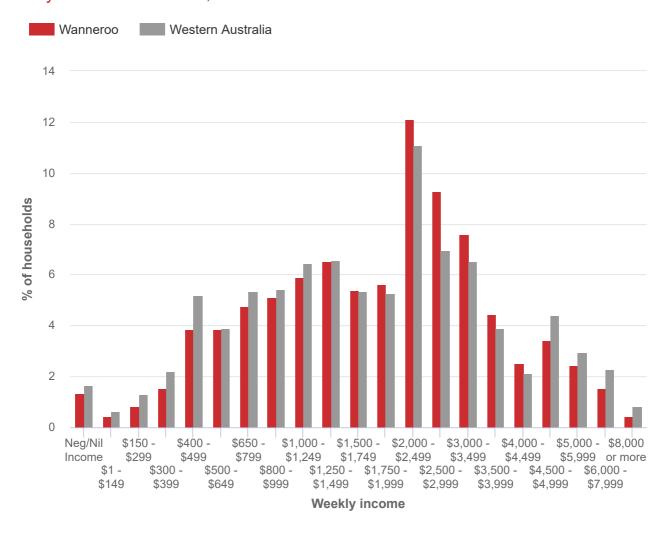
# Weekly household income

Wanneroo - Total households (Enumerated)	2021		
Weekly income	Number	%	Western Australia %
Neg/Nil Income	228	1.3	1.6
\$1 - \$149	76	0.4	0.6
\$150 - \$299	140	0.8	1.3
\$300 - \$399	261	1.5	2.2
\$400 - \$499	654	3.8	5.2
\$500 - \$649	659	3.9	3.9
\$650 - \$799	814	4.8	5.3
\$800 - \$999	872	5.1	5.4
\$1,000 - \$1,249	1,003	5.9	6.5
\$1,250 - \$1,499	1,113	6.5	6.6
\$1,500 - \$1,749	921	5.4	5.4
\$1,750 - \$1,999	960	5.6	5.3
\$2,000 - \$2,499	2,067	12.1	11.1
\$2,500 - \$2,999	1,580	9.3	7.0
\$3,000 - \$3,499	1,295	7.6	6.5
\$3,500 - \$3,999	759	4.5	3.9
\$4,000 - \$4,499	431	2.5	2.1
\$4,500 - \$4,999	585	3.4	4.4
\$5,000 - \$5,999	418	2.5	3.0
\$6,000 - \$7,999	263	1.5	2.3
\$8,000 or more	74	0.4	0.8
Not stated	1,869	11.0	9.6
Total households	17,042	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2021. Compiled and presented in profile.id by <u>.id</u> (informed decisions).

- Low income households (less than \$800 per week)
- a High income households (more than \$3,000 per week)
- a Median household income

#### Weekly household income, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Dominant groups

Analysis of household income levels in Wanneroo in 2021 compared to Western Australia shows that there was a smaller proportion of high income households (those earning \$3,000 per week or more) and a lower proportion of low income households (those earning less than \$800 per week).

Overall, 22.4% of the households earned a high income and 16.6% were low income households, compared with 23.0% and 20.2% respectively for Western Australia.

#### The major differences between the household incomes of Wanneroo and Western Australia were:

- A larger percentage of households who earned \$2,500 \$2,999 (9.3% compared to 7.0%)
- A larger percentage of households who earned Not stated (11.0% compared to 9.6%)
- A larger percentage of households who earned \$3,000 \$3,499 (7.6% compared to 6.5%)
- A smaller percentage of households who earned \$400 \$499 (3.8% compared to 5.2%)

# 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 Qualifications and Occupation, it helps to reveal Wanneroo'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 **specific** data notes.

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

### Household income quartiles

Wanneroo - Households (Enumerated)	2021				Change		
Quartile group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Lowest group	3,217	21.2	25.0	2,647	19.5	25.0	+570
Medium lowest	3,733	24.6	25.0	3,358	24.7	25.0	+375
Medium highest	4,481	29.5	25.0	4,073	29.9	25.0	+408
Highest group	3,740	24.6	25.0	3,528	25.9	25.0	+211
Total Households	15,173	100.0	100.0	13,608	100.0	100.0	+1,565

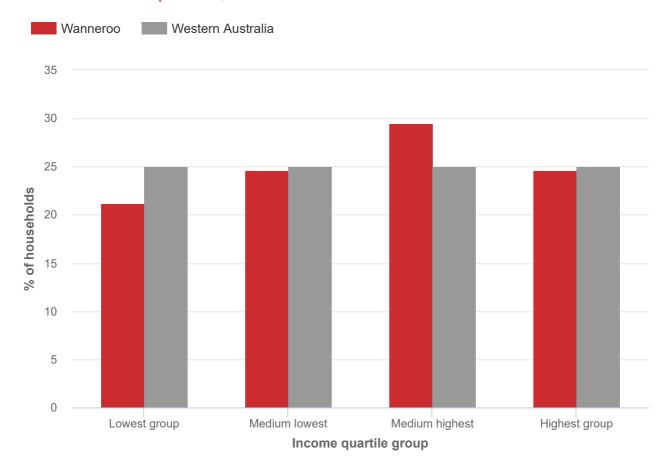
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

# Household income - Quartile group dollar ranges

Calculated from income data for WA	Weekly income by Census year						
Household income ranges	2021	2016	2011	2006	2001	1996	1991
Lowest group	\$0 to \$888	\$0 to \$790	\$0 to \$693	\$0 to \$565	\$0 to \$416	\$0 to \$348	\$0 to \$305
Medium lowest	\$889 to \$1,804	\$791 to \$1,582	\$694 to \$1,405	\$566 to \$1,062	\$417 to \$783	\$349 to \$651	\$306 to \$556
Medium highest	\$1,805 to \$3,032	\$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	\$3,033 and over	\$2,615 and over	\$2,508 and over	\$1,775 and over	\$1,312 and over	\$1,095 and over	\$911 and over

- <u>Low income households (less than \$800 per week)</u>
- a High income households (more than \$3,000 per week)
- a Median household income

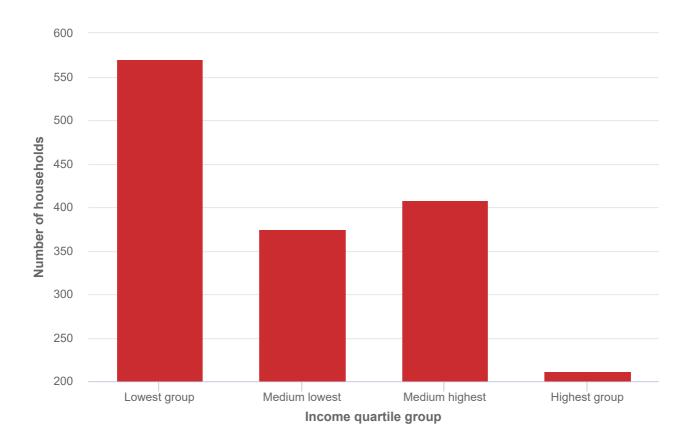
#### Household income quartiles, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in household income quartile, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

### **Dominant groups**

Income quartiles allow us to compare relative income-earning capabilities across time. Analysis of the distribution of households by income quartile in Wanneroo compared to Western Australia 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 Wanneroo between 2016 and 2021 was in the lowest quartile which showed an increase of 570 households.

# Equivalised household income

While **Household Income** 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 Wanneroo.

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

Wanneroo - Households (Enumerated)	2021				Change		
Quartile group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Lowest group	3,334	22.1	25.0	2,829	20.9	25.0	+505
Medium lowest	4,233	28.0	25.0	3,715	27.4	25.0	+518
Medium highest	4,402	29.1	25.0	4,070	30.1	25.0	+332
Highest group	3,133	20.7	25.0	2,922	21.6	25.0	+211
Total Households	15,104	100.0	100.0	13,538	100.0	100.0	+1,566

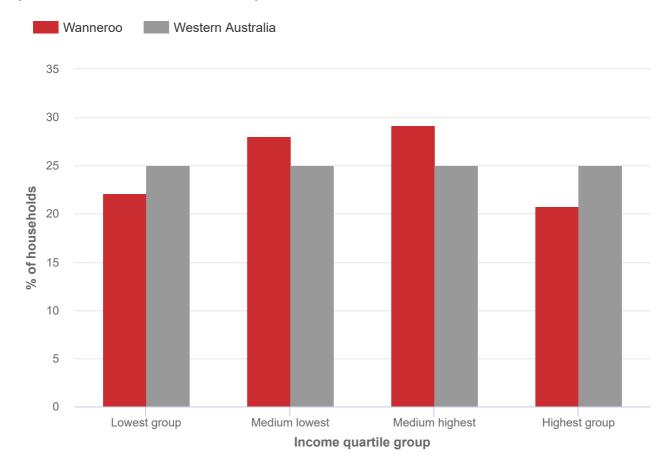
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

# Equivalised household income - Quartile group dollar ranges

Calculated from income data for WA	Weekly income by Census year							
Equivalised household income ranges	2021	2016	2011	2006	2001			
Lowest group	\$0 to \$616	\$0 to \$538	\$0 to \$485	\$0 to \$374	\$0 to \$285			
Medium lowest	\$617 to \$1,121	\$539 to \$971	\$486 to \$878	\$375 to \$654	\$286 to \$487			
Medium highest	\$1,122 to \$1,774	\$972 to \$1,559	\$879 to \$1,383	\$655 to \$1,039	\$488 to \$766			
Highest group	\$1,775 and over	\$1,560 and over	\$1,384 and over	\$1,040 and over	\$767 and over			

- a Low income households (less than \$800 per week)
- a High income households (more than \$3,000 per week)
- a Median household income

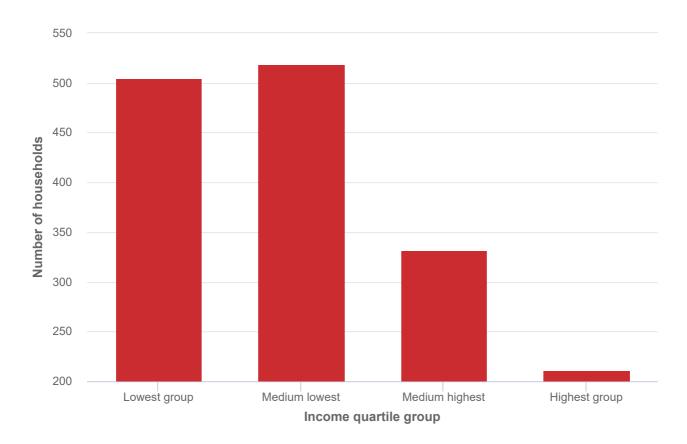
#### Equivalised household income quartiles, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in equivalised household income quartiles, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

# **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 Wanneroo compared to Western Australia 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 Wanneroo between 2016 and 2021 was in the medium lowest quartile which showed an increase of 518 households.

## Household type

Wanneroo'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, Wanneroo's Household Summary should be viewed in conjunction with Households with Children, Households without Children, Household Size, Age Structure and Dwelling Type.

If you're looking at this data to prepare a housing strategy, learn more here.

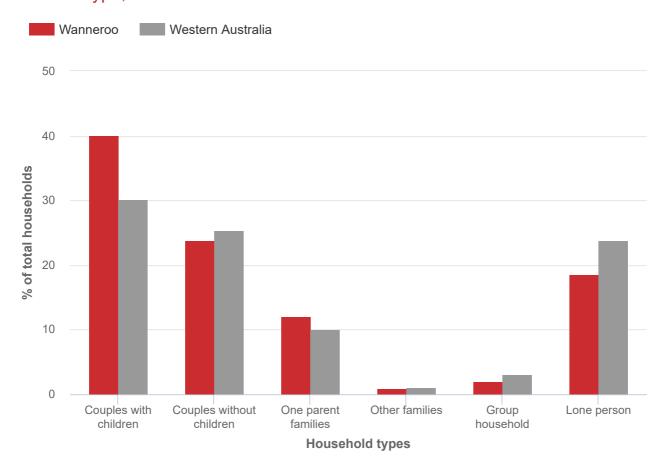
### Household type

Wanneroo - Total households (Enumerated)	2021				2016			
Households by type	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021	
Couples with children	6,981	40.2	30.2	6,642	41.4	30.9	+339	
Couples without children	4,152	23.9	25.4	3,938	24.5	25.6	+214	
One parent families	2,100	12.1	10.0	1,702	10.6	9.6	+398	
Other families	150	0.9	1.1	158	1.0	1.2	-8	
Group household	357	2.1	3.2	423	2.6	3.5	-66	
Lone person	3,216	18.5	23.8	2,548	15.9	21.8	+668	
Other not classifiable household	347	2.0	3.6	563	3.5	5.2	-216	
Visitor only households	77	0.4	2.7	70	0.4	2.4	+7	
Total households	17,380	100.0	100.0	16,044	100.0	100.0	+1,336	

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

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

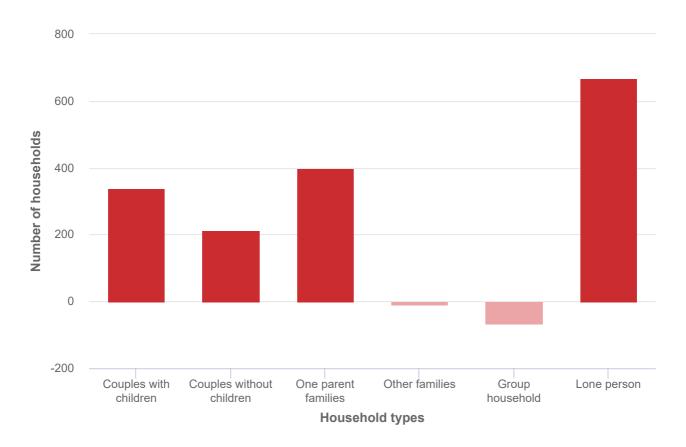
### Household type, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in household type, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the household/family types in Wanneroo in 2021 compared to Western Australia shows that there was a higher proportion of couple families with child(ren) as well as a higher proportion of one-parent families. Overall, 40.2% of total families were couple families with child(ren), and 12.1% were one-parent families, compared with 30.2% and 10.0% respectively for Western Australia.

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 18.5% compared to 23.8% in Western Australia while the proportion of couples without children was 23.9% compared to 25.4% in Western Australia.

## **Emerging groups**

The number of households in Wanneroo increased by 1,336 between 2016 and 2021.

The largest changes in family/household types in Wanneroo between 2016 and 2021 were:

- Lone person (+668 households)
- One parent families (+398 households)
- Couples with children (+339 households)
- · Couples without children (+214 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 Wanneroo, 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, Wanneroo's Household data should be viewed in conjunction with Household Size, Age Structure and Dwelling Type.

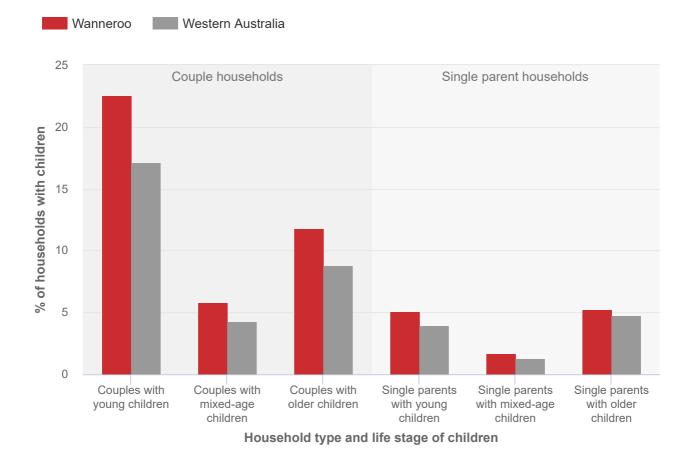
## Households with children by life stage

Wanneroo - Households (Enumerated)		2021			2016		Change
Households with children	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Couples with children	6,981	40.2	30.2	6,642	41.4	30.9	+339
Couples with young children	3,917	22.5	17.1	3,861	24.1	17.5	+56
Couples with mixed-age children	1,015	5.8	4.3	1,001	6.2	4.3	+14
Couples with older children	2,049	11.8	8.8	1,780	11.1	9.1	+269
Single parents with children	2,100	12.1	10.0	1,702	10.6	9.6	+398
Single parents with young children	886	5.1	3.9	693	4.3	3.7	+193
Single parents with mixed-age children	300	1.7	1.3	228	1.4	1.2	+72
Single parents with older children	914	5.3	4.8	781	4.9	4.7	+133
Total households with children	9,081	52.2	40.2	8,344	52.0	40.4	+737
Total households	17,380	100.0	100.0	16,044	100.0	100.0	+1,336

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

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

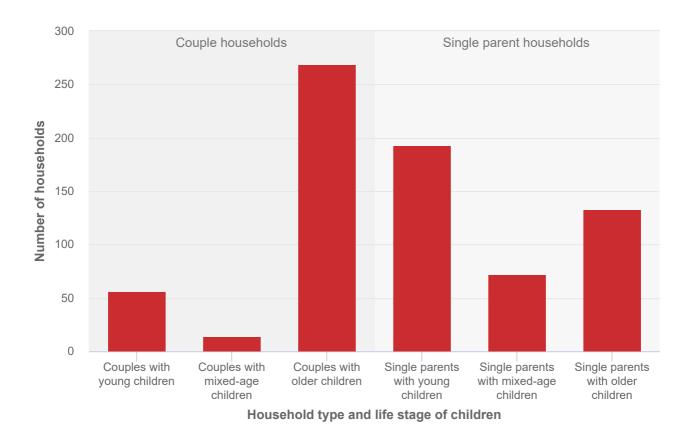
#### Households with children, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in households with children, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the families with children in Wanneroo in 2021 compared to Western Australia shows that there was a larger proportion of couples with young children, as well as a larger proportion of couples with older children.

Overall, 22.5% of total households with children were couple with young children, and 11.8% were couples with older children, compared with 17.1% and 8.8% respectively for Western Australia.

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 5.1% compared to 3.9% in Western Australia while the proportion of single parent households with older children was 5.3% compared to 4.8% in Western Australia.

## **Emerging groups**

Between 2016 and 2021, the number of households with children increased by 737 households or 8.8%.

The largest changes in households with children in this area between 2016 and 2021 were:

- Couples with older children (+269 households)
- Single parents with young children (+193 households)
- Single parents with older children (+133 households)
- Single parents with mixed-age children (+72 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 Wanneroo, 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

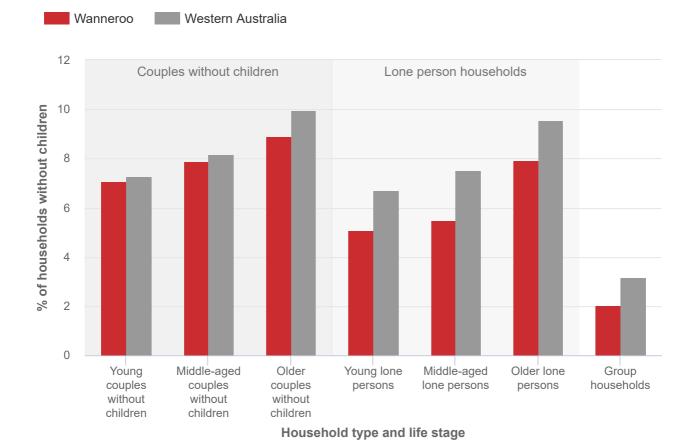
To continue building the story, Wanneroo's Household data should be viewed in conjunction with Household Size, Age Structure and Dwelling Type.

## Households without children by life stage

Wanneroo - Households (Enumerated)		2021			2016		Change
Households without children	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Couples without children	4,152	23.9	25.4	3,938	24.5	25.6	+214
Young couples without children	1,228	7.1	7.3	1,433	8.9	7.8	-205
Middle-aged couples without children	1,375	7.9	8.2	1,274	7.9	8.6	+101
Older couples without children	1,549	8.9	10.0	1,231	7.7	9.1	+318
Lone person households	3,216	18.5	23.8	2,548	15.9	21.8	+668
Young lone persons	881	5.1	6.7	743	4.6	6.1	+138
Middle-aged lone persons	957	5.5	7.5	746	4.6	7.3	+211
Older lone persons	1,378	7.9	9.6	1,059	6.6	8.3	+319
Group households	357	2.1	3.2	423	2.6	3.5	-66
Total households without children	7,725	44.4	52.4	6,909	43.1	50.8	+816
Total households	17,380	100.0	100.0	16,044	100.0	100.0	+1,336

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

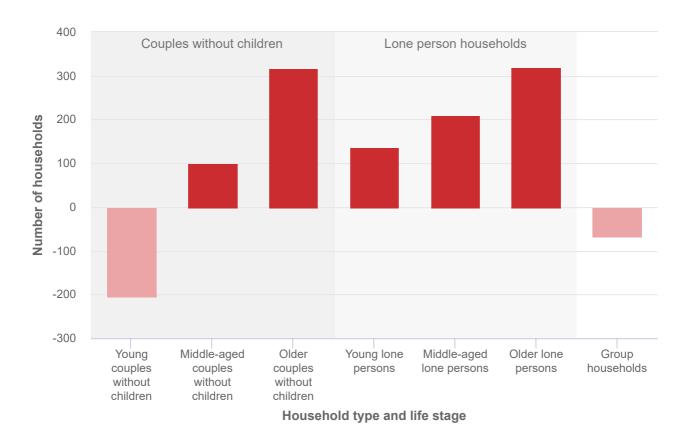
#### Households without children, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in households without children, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the households without children in Wanneroo in 2021 compared to Western Australia shows that there was a similar proportion of young couples without children, a similar 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 2016 and 2021, the number of households without children increased by 816.

The largest changes in households without children in Wanneroo, between 2016 and 2021 were:

- Older lone persons (+319 persons)
- Older couples without children (+318 persons)
- Middle-aged lone persons (+211 persons)
- Young couples without children (-205 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 generally declined since the 1970s, but the rate of decline has slowed in recent years.

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, Wanneroo'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

Wanneroo - Households (Enumerated)	2021				Change		
Number of persons usually resident	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
1 person	3,219	19.0	25.4	2,554	16.6	23.6	+665
2 persons	5,084	30.0	33.5	4,731	30.7	33.9	+353
3 persons	3,186	18.8	15.9	2,926	19.0	16.3	+260
4 persons	3,415	20.1	15.9	3,226	20.9	16.4	+189
5 persons	1,374	8.1	6.4	1,330	8.6	6.7	+44
6 or more persons	685	4.0	2.9	643	4.2	3.1	+42
Total classifiable households	16,963	100.0	100.0	15,410	100.0	100.0	+1,553

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

# Household size - Summary

Wanneroo - Enumerated	2021				Change		
Dwellings	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Occupied private dwellings	17,385			16,039			+1,346
Persons in occupied private dwellings	47,919			45,597			+2,322
Average household size (persons per dwelling)	2.76		2.48	2.84		2.52	-0.09

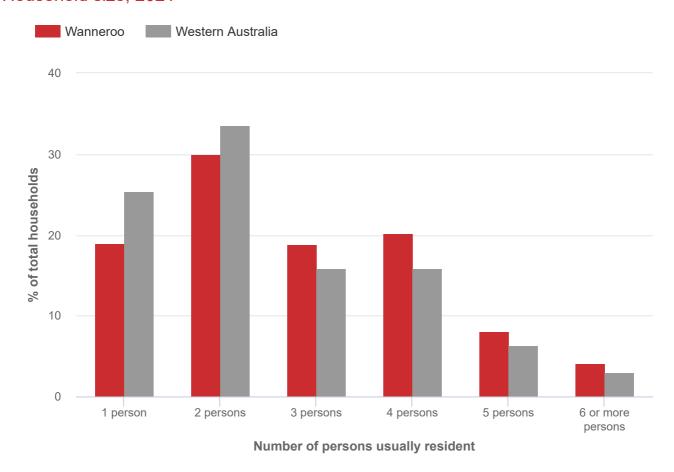
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented in profile.id by identification. identification in the compiled and presented in profile.id by identification.

Please refer to specific data notes for more information

The 'Dwellings' table is enumerated data.

#### a Average household size

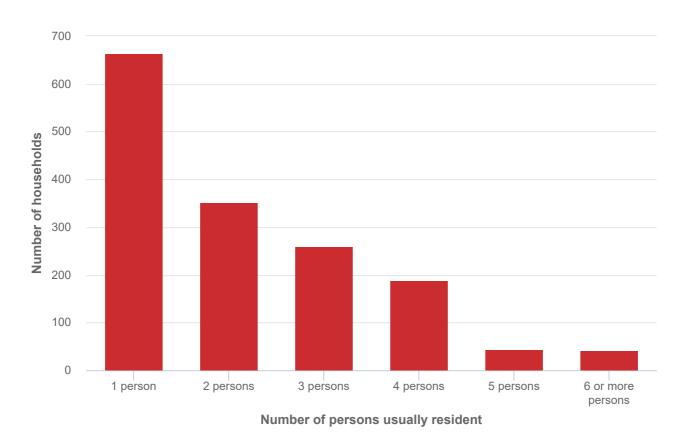
#### Household size, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in household size, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the number of persons usually resident in a household in Wanneroo compared with Western Australia 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 19.0% of lone person households, and 32.3% of larger households, compared with 25.4% and 25.2% respectively for Western Australia.

The major differences in the household size for Wanneroo and Western Australia were:

- A larger percentage of households with 4 persons usually resident (20.1% compared to 15.9%)
- A larger percentage of households with 3 persons usually resident (18.8% compared to 15.9%)
- A smaller percentage of households with 1 person usually resident (19.0% compared to 25.4%)
- A smaller percentage of households with 2 persons usually resident (30.0% compared to 33.5%)

## **Emerging groups**

The number of households in Wanneroo increased by 1,553 between 2016 and 2021.

The largest changes in the number of persons usually resident in a household in Wanneroo between 2016 and 2021 were:

- 1 person (+665 households)
- 2 persons (+353 households)
- 3 persons (+260 households)
- 4 persons (+189 households)

# Family blending

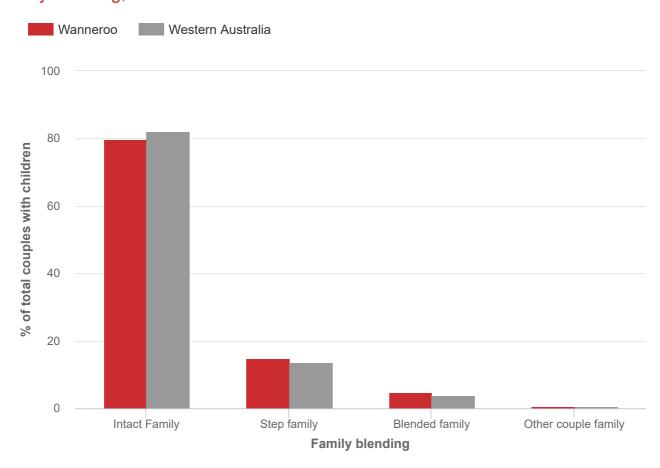
Information on blended and intact families can be an indicator of the level of family breakup and repartnering within the area, and a potential indicator of socio-economic disadvantage. Family blending only applies to couple families with children. For information more broadly about household and family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

## Family blending

Wanneroo - Total couples with children (Enumerated)	2021				Change		
Family blending by type	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Intact Family	5,627	79.8	82.2	5,882	87.8	88.9	-255
Step family	1,048	14.9	13.5	448	6.7	6.6	+600
Blended family	340	4.8	3.8	339	5.1	3.9	+1
Other couple family	35	0.5	0.6	33	0.5	0.6	+2
Total couples with children	7,050	100.0	100.0	6,702	100.0	100.0	+348

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions)

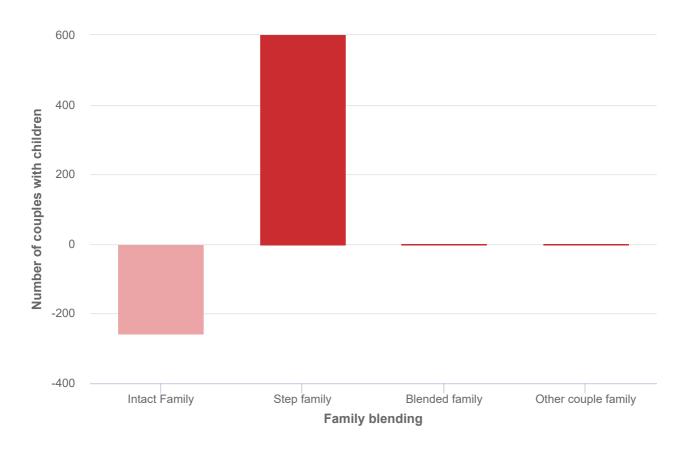
### Family blending, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in family blending, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the family blending in Wanneroo in 2021 compared to Western Australia shows that there was a higher proportion of step families as well as a higher proportion of blended families. Overall, 14.9% of total couple families with children were step families, and 4.8% were blended families, compared with 13.5% and 3.8% respectively for Western Australia.

There were a similar proportion of other families and a lower proportion of couples without children. Overall, the proportion of other families was 0.5% compared to 0.6% in Western Australia while the proportion of intact families was 79.8% compared to 82.2% in Western Australia.

## **Emerging groups**

The number of couple families with children in Wanneroo increased by 348 between 2016 and 2021.

The largest changes in family blending in Wanneroo between 2016 and 2021 were:

- Step family (+600 couples with children)
- Intact Family (-255 couples with children)

## Dwelling type

Dwelling Type is an important determinant of Wanneroo'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 Wanneroo.

If you're looking at this data to prepare a housing strategy, learn more here.

# **Dwelling structure**

Wanneroo - Dwellings (Enumerated)	2021				Change		
Dwelling type	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Separate house	16,999	92.6	77.1	15,802	91.6	76.5	+1,197
Medium density	1,162	6.3	15.9	1,291	7.5	17.3	-129
High density	38	0.2	4.8	0		4.0	+38
Caravans, cabin, houseboat	132	0.7	1.5	133	0.8	1.4	-1
Other	13	0.1	0.4	11	0.1	0.5	+2
Not stated	6	0.0	0.4	5	0.0	0.4	+1
Total Private Dwellings	18,350	100.0	100.0	17,242	100.0	100.0	+1,108

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

# **Dwelling type**

Wanneroo	2021				Change		
Dwelling type	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Occupied private dwellings	17,385	94.8	89.5	16,172	93.0	87.4	+1,213
Unoccupied private dwellings	959	5.2	10.3	1,213	7.0	12.4	-254
Non private dwellings	3	0.0	0.2	3	0.0	0.2	0
Total dwellings	18,347	100.0	100.0	17,388	100.0	100.0	+959

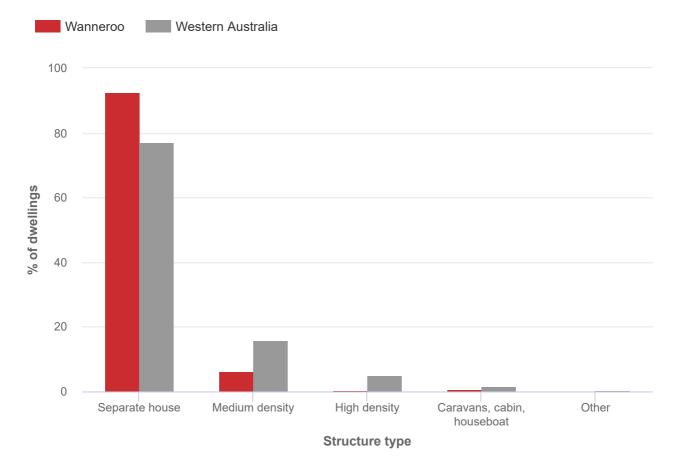
Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

Please refer to specific data notes for more information

- a People in non-private dwellings
- a <u>Unoccupied dwellings</u>

Please refer to the specific data notes for more information

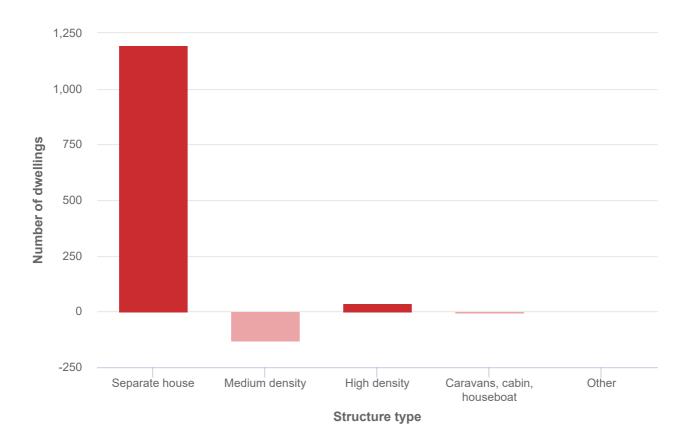
#### Dwelling structure, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in dwelling structure, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

In 2021, there were 16,999 separate houses in the area, 1,162 medium density dwellings, and 38 high density dwellings.

Analysis of the types of dwellings in Wanneroo in 2021 shows that 92.6% of all dwellings were separate houses; 6.3% were medium density dwellings, and 0.2% were in high density dwellings, compared with 77.1%, 15.9%, and 4.8% in the Western Australia respectively.

In 2021, a total of 94.8% of the dwellings in Wanneroo were occupied on Census night, compared to 89.5% in Western Australia. The proportion of unoccupied dwellings was 5.2%, which is smaller compared to that found in Western Australia (10.3%).

## **Emerging groups**

The total number of dwellings in Wanneroo increased by 959 between 2016 and 2021.

The largest changes in the type of dwellings found in Wanneroo between 2016 and 2021 were:

- Separate house (+1,197 dwellings)
- Medium density (-129 dwellings)

# 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 Wanneroo 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.

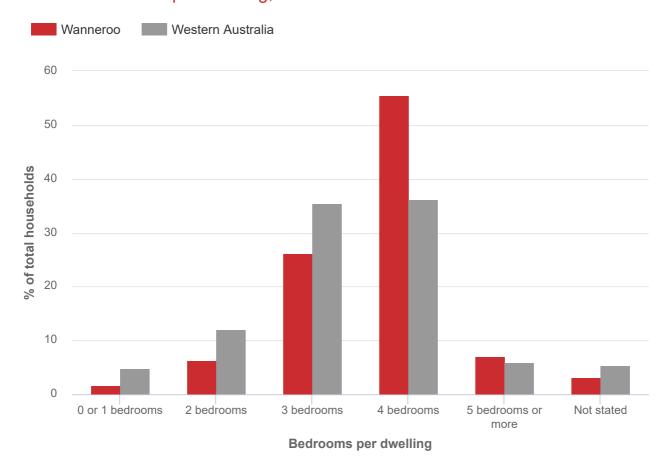
In combination with Household Type and Household Size, the Number of Bedrooms can also indicate issues around housing affordability, overcrowding and other socio-economic factors.

# Number of bedrooms per dwelling

Wanneroo - Households (Enumerated)	2021				Change		
Number of bedrooms	Number	%	Western Australia %	Number	%	Western Australia %	2011 to 2021
0 or 1 bedrooms	296	1.7	4.8	277	2.0	4.7	+18
2 bedrooms	1,105	6.4	12.1	869	6.4	12.5	+236
3 bedrooms	4,555	26.2	35.5	3,238	23.7	37.2	+1,317
4 bedrooms	9,664	55.6	36.2	7,896	57.8	34.3	+1,768
5 bedrooms or more	1,216	7.0	6.0	845	6.2	5.3	+370
Not stated	554	3.2	5.4	533	3.9	6.0	+20
Total households	17,390	100.0	100.0	13,660	100.0	100.0	+3,729

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2021. Compiled and presented by id (informed decisions).

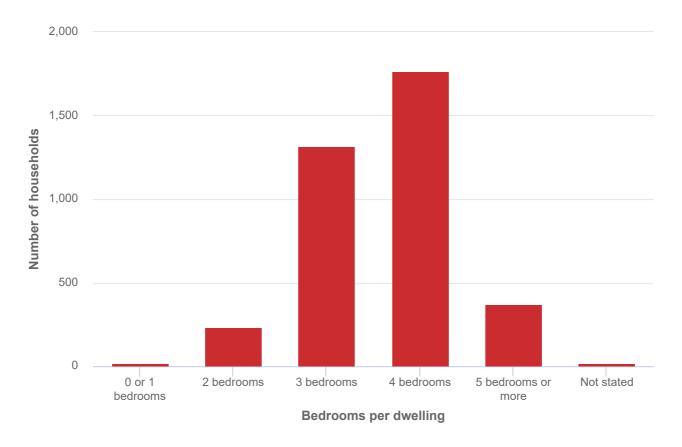
### Number of bedrooms per dwelling, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in number of bedrooms per dwelling, 2011 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the number of bedrooms in dwellings in Wanneroo in 2021 compared to Western Australia 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, 8.1% of households were in dwellings with 2 bedrooms or less, and 62.6% of 4 or more bedroom dwellings, compared with 16.9% and 42.2% for Western Australia respectively.

The major differences between the number of bedrooms per dwelling of Wanneroo and Western Australia were:

- A *larger* percentage of 4 bedroom dwellings (55.6% compared to 36.2%)
- A smaller percentage of 3 bedroom dwellings (26.2% compared to 35.5%)
- A *smaller* percentage of 2 bedroom dwellings (6.4% compared to 12.1%)
- A *smaller* percentage of dwellings with 1 or no bedrooms (includes bedsitters) (1.7% compared to 4.8%)

## **Emerging groups**

The largest changes in the number of bedrooms per dwelling in Wanneroo between 2011 and 2021 were:

- 4 bedrooms (+1,768 dwellings)
- 3 bedrooms (+1,317 dwellings)
- 5 bedrooms or more (+370 dwellings)
- 2 bedrooms (+236 dwellings)

#### Internet connection

Please note: For the 2021 Census, the ABS dropped the question regarding household internet connection. This page shows data for the 2016 and previous Censuses only.

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.

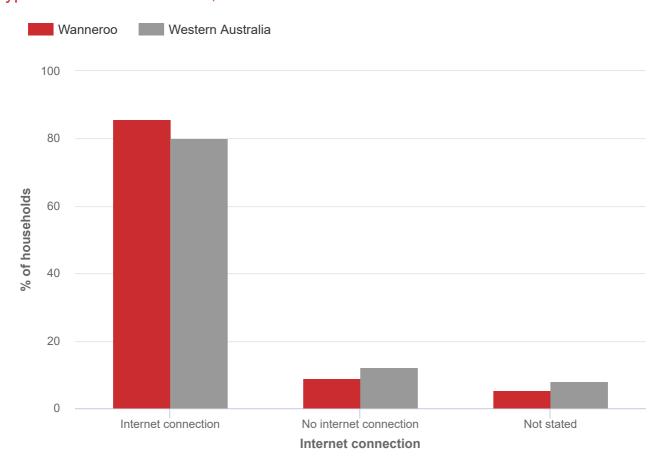
Internet connectivity in Wanneroo should be looked at in conjunction with Household Type and Age Structure, as well as Education Levels.

## Type of internet connection

Wanneroo - Households	2016				Change		
Connection type	Number	%	Western Australia %	Number	%	Western Australia %	2011 to 2016
Internet connection	13,747	85.7	80.1	11,093	81.1	75.0	+2,654
No internet connection	1,433	8.9	12.1	1,800	13.2	17.3	-368
Not stated	860	5.4	7.9	782	5.7	7.6	+78
Total households	16,040	100.0	100.0	13,675	100.0	100.0	+2,364

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by id (informed decisions)

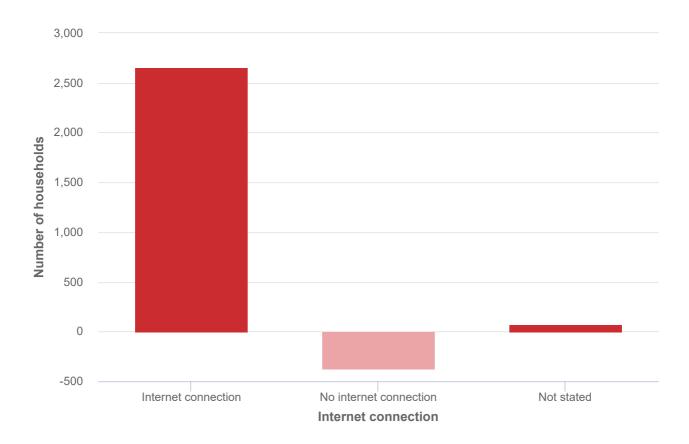
### Type of internet connection, 2016



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

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

Wanneroo



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

# **Dominant groups**

Analysis of the type of internet connection of households in Wanneroo compared to Western Australia shows that there was a higher proportion of households with an internet connection

Overall 85.7% of households had an internet connection, compared with 80.1% in Western Australia.

# **Emerging groups**

Between 2011 and 2016 the number of households with an internet connection increased by 2,654.

# 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 Wanneroo 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

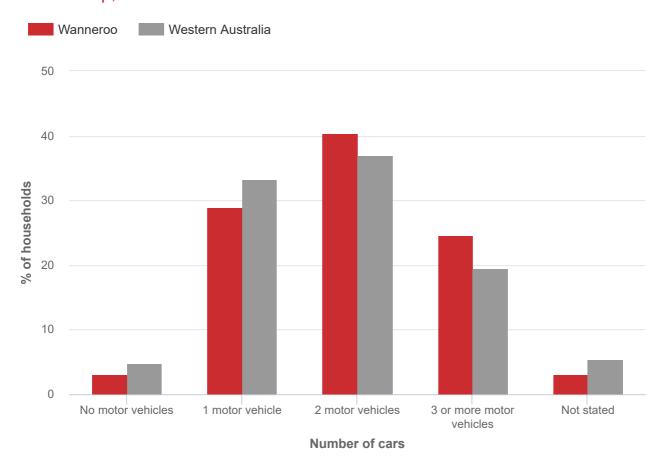
Wanneroo - Households (Enumerated)	2021				Change		
Number of cars	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
No motor vehicles	536	3.1	4.8	429	2.7	4.8	+107
1 motor vehicle	5,025	28.9	33.2	4,086	25.5	30.3	+939
2 motor vehicles	7,013	40.4	37.0	6,634	41.4	36.4	+379
3 or more motor vehicles	4,265	24.5	19.5	3,947	24.6	20.1	+318
Not stated	541	3.1	5.4	945	5.9	8.5	-404
Total households	17,380	100.0	100.0	16,041	100.0	100.0	+1,339

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>id</u> (informed decisions).

Please refer to specific data notes for more information

People who travelled to work by car

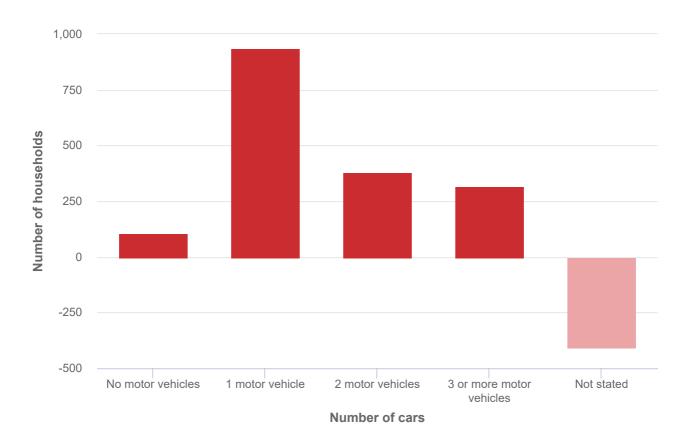
### Car ownership, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in car ownership, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the car ownership of the households in Wanneroo in 2021 compared to Western Australia shows that 93.8% of the households owned at least one car, while 3.1% did not, compared with 89.8% and 4.8% respectively in Western Australia.

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, 28.9% of the households owned one car; 40.4% owned two cars; and 24.5% owned three cars or more, compared with 33.2%; 37.0% and 19.5% respectively for Western Australia.

# **Emerging groups**

The largest changes in the household car ownership in Wanneroo between 2016 and 2021 were:

- 1 motor vehicle (+939 households)
- 2 motor vehicles (+379 households)
- 3 or more motor vehicles (+318 households)
- No motor vehicles (+107 households)

## Housing tenure

Wanneroo'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 Wanneroo, Tenure data is useful for analysing housing markets, housing affordability and identifying public housing areas.

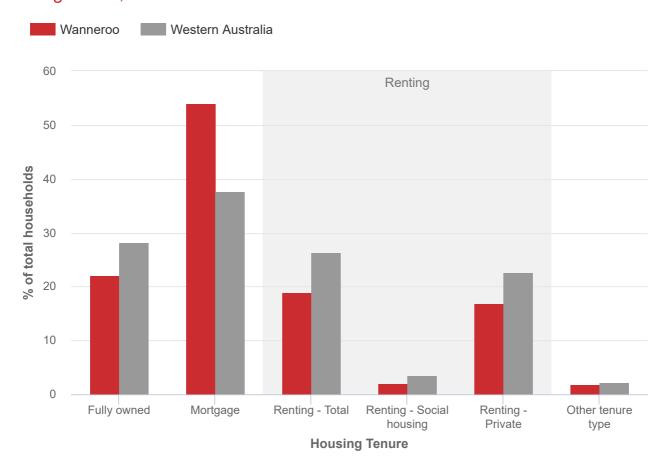
Further reading: How can Councils influence affordable housing.

### Housing tenure

Wanneroo - Households (Enumerated)		2021			2016			
Tenure type	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021	
Fully owned	3,828	22.0	28.3	3,318	20.7	27.3	+510	
Mortgage	9,395	54.0	37.6	8,741	54.5	36.9	+654	
Renting - Total	3,292	18.9	26.4	2,858	17.8	25.6	+434	
Renting - Social housing	352	2.0	3.5	288	1.8	3.8	+64	
Renting - Private	2,925	16.8	22.7	2,552	15.9	21.7	+373	
Renting - Not stated	15	0.1	0.2	18	0.1	0.2	-3	
Other tenure type	313	1.8	2.2	267	1.7	2.2	+46	
Not stated	559	3.2	5.4	852	5.3	7.9	-293	
Total households	17,387	100.0	100.0	16,036	100.0	100.0	+1,351	

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by informed decisions).

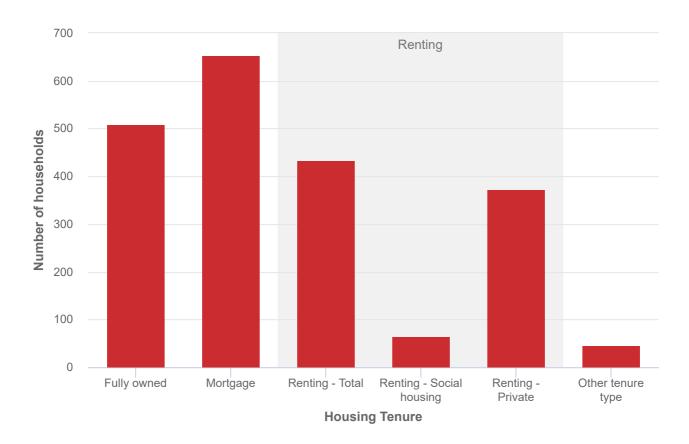
### Housing tenure, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in housing tenure, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the housing tenure of households of Wanneroo in 2021 compared to Western Australia 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, 22.0% of households owned their dwelling; 54.0% were purchasing, and 18.9% were renting, compared with 28.3%, 37.6% and 26.4% respectively for Western Australia.

# **Emerging groups**

The largest changes in housing tenure categories for the households in Wanneroo between 2016 and 2021 were:

- Mortgage (+654 households)
- Fully owned (+510 households)
- Renting Private (+373 households)
- Renting Social housing (+64 households)

The total number of households in Wanneroo increased by 1,351 between 2016 and 2021.

## Housing loan repayments

Mortgage repayments are directly related to house prices in Wanneroo, 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.

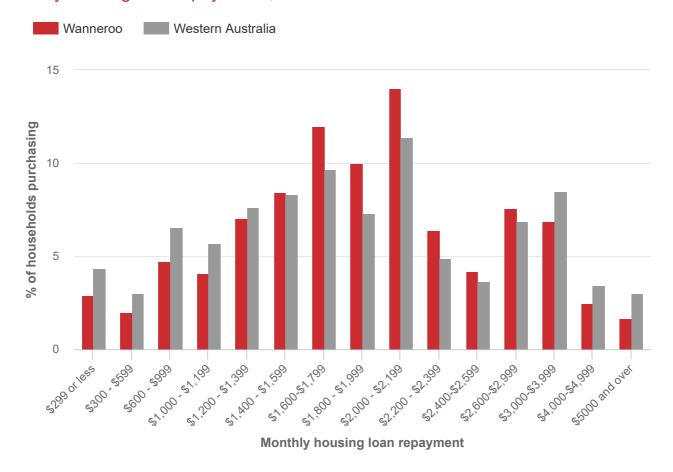
Further reading: How can Councils influence affordable housing.

# Monthly housing loan repayments

Wanneroo - Households (Enumerated)		2021	
Monthly repayment amount	Number	%	Western Australia %
\$299 or less	273	2.9	4.4
\$300 - \$599	189	2.0	3.0
\$600 - \$999	447	4.8	6.5
\$1,000 - \$1,199	384	4.1	5.7
\$1,200 - \$1,399	661	7.0	7.7
\$1,400 - \$1,599	791	8.4	8.4
\$1,600-\$1,799	1,127	12.0	9.7
\$1,800 - \$1,999	940	10.0	7.3
\$2,000 - \$2,199	1,319	14.0	11.4
\$2,200 - \$2,399	600	6.4	4.9
\$2,400-\$2,599	395	4.2	3.7
\$2,600-\$2,999	711	7.6	6.9
\$3,000-\$3,999	645	6.9	8.5
\$4,000-\$4,999	231	2.5	3.4
\$5000 and over	159	1.7	3.0
Not stated	525	5.6	5.6
Total	9,397	100.0	100.0

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2021. Compiled and presented in profile.id by <u>.id</u> (informed decisions).

#### Monthly housing loan repayments, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## Dominant groups

Analysis of the monthly housing loan repayments of households in Wanneroo compared to Western Australia 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, 18.6% of households were paying high mortgage repayments, and 13.8% were paying low repayments, compared with 21.8% and 19.6% respectively in Western Australia.

The major differences between the household loan repayments of Wanneroo and Western Australia were:

- A *larger* percentage of \$1,800 \$1,999 (10.0% compared to 7.3%)
- A *larger* percentage of \$2,000 \$2,199 (14.0% compared to 11.4%)
- A *larger* percentage of \$1,600-\$1,799 (12.0% compared to 9.7%)
- A smaller percentage of \$600 \$999 (4.8% compared to 6.5%)

# Housing loan quartiles

Mortgage repayments in Wanneroo are directly related to house prices, 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 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 specific data notes.

## Housing loan quartiles

Wanneroo - Households (Enumerated)	2021				Change		
Loan repayment quartile group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Lowest group	1,637	18.5	25.0	1,421	16.8	25.0	+216
Medium lowest	2,476	27.9	25.0	2,094	24.7	25.0	+382
Medium highest	2,817	31.8	25.0	2,831	33.4	25.0	-14
Highest group	1,939	21.9	25.0	2,121	25.0	25.0	-181
Total households with stated mortgage repayments	8,872	100.0	100.0	8,469	100.0	100.0	+403

Source: Australian Bureau of Statistics, Census of Population and Housing 2016 and 2021. Compiled and presented by id (informed decisions).

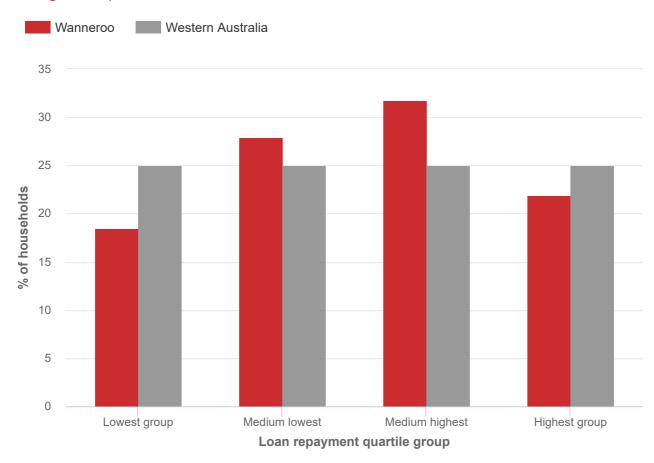
Please refer to specific data notes for more information

## Housing loan - Quartile group dollar ranges

Calculated from loan repayment data for WA	from loan repayment data  Monthly housing loan repayments by Census year							
Housing loan repayment ranges	2021	2016	2011	2006	2001			
Lowest group	\$0 to \$1,303	\$0 to \$1,314	\$0 to \$1,221	\$0 to \$826	\$0 to \$605			
Medium lowest	\$1,304 to \$1,851	\$1,315 to \$1,995	\$1,222 to \$1,969	\$827 to \$1,241	\$606 to \$855			
Medium highest	\$1,852 to \$2,501	\$1,996 to \$2,685	\$1,970 to \$2,786	\$1,242 to \$1,791	\$856 to \$1,161			
Highest group	\$2,502 and over	\$2,686 and over	\$2,787 and over	\$1,792 and over	\$1,162 and over			

- A Home owners (households who fully own their dwelling)
- a Households with a mortgage
- Median weekly mortgage repayments
- A Households paying high mortgage repayments (\$2600 or more)

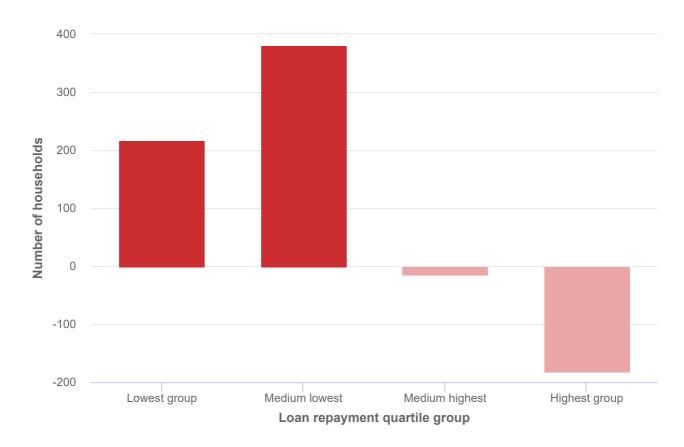
#### Housing loan quartiles, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

#### Change in housing loan quartiles, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## 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 Wanneroo compared to Western Australia 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 Wanneroo decreased by 8,469 between 2016 and 2021. The most significant change in Wanneroo during this period was in the medium lowest quartile which showed an increase of 382 households.

## Housing rental payments

Rental payments can be a better measure of the cost of housing in Wanneroo 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.

Further reading: How can Councils influence affordable housing.

## Weekly housing rental payments

Wanneroo - Households (Enumerated)		2021	
Weekly rental amount	Number	%	Western Australia %
Less than \$100	40	1.2	3.1
\$100-\$149	110	3.3	6.0
\$150-\$199	143	4.3	5.3
\$200-\$249	164	5.0	7.2
\$250-\$299	207	6.3	11.2
\$300-\$349	460	14.0	16.0
\$350-\$399	662	20.1	16.0
\$400-\$449	612	18.6	11.2
\$450-\$499	409	12.4	7.0
\$500-\$549	199	6.1	4.0
\$550-\$649	127	3.9	3.9
\$650-\$749	24	0.7	1.8
\$750-\$849	9	0.3	1.0
\$850+	12	0.4	1.7
Not stated	111	3.4	4.7
Total households renting	3,289	100.0	100.0

Source: Australian Bureau of Statistics, Census of Population and Housing 2021. Compiled and presented in profile.id by id (informed decisions).

- 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, 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## **Dominant groups**

Analysis of the weekly housing rental payments of households in Wanneroo compared to Western Australia shows that there was a larger proportion of households paying high rental payments (\$450 per week or more), and a smaller proportion of households with low rental payments (less than \$250 per week).

Overall, 23.7% of households were paying high rental payments, and 13.9% were paying low payments, compared with 19.4% and 21.6% respectively in Western Australia.

The major differences between the housing rental payments of Wanneroo and Western Australia were:

- A larger percentage of \$400-\$449 (18.6% compared to 11.2%)
- A *larger* percentage of \$450-\$499 (12.4% compared to 7.0%)
- A larger percentage of \$350-\$399 (20.1% compared to 16.0%)
- A smaller percentage of \$250-\$299 (6.3% compared to 11.2%)

## Housing rental quartiles

Rental payments in Wanneroo are indicative of its residential role and function and are directly related to the value of residential property. When viewed with **Household Income** 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 specific data notes.

## Housing rental quartiles

Wanneroo - Households (Enumerated)	2021				Change		
Quartile group	Number	%	Western Australia %	Number	%	Western Australia %	2016 to 2021
Lowest group	498	15.7	25.0	375	13.5	25.0	+123
Medium lowest	594	18.7	25.0	446	16.1	25.0	+148
Medium highest	1,064	33.5	25.0	946	34.0	25.0	+118
Highest group	1,021	32.1	25.0	1,012	36.4	25.0	+9
Total households with stated rent	3,178	100.0	100.0	2,780	100.0	100.0	+398

Source: Australian Bureau of Statistics, <u>Census of Population and Housing</u> 2016 and 2021. Compiled and presented by <u>.id</u> (informed decisions).

Please refer to specific data notes for more information

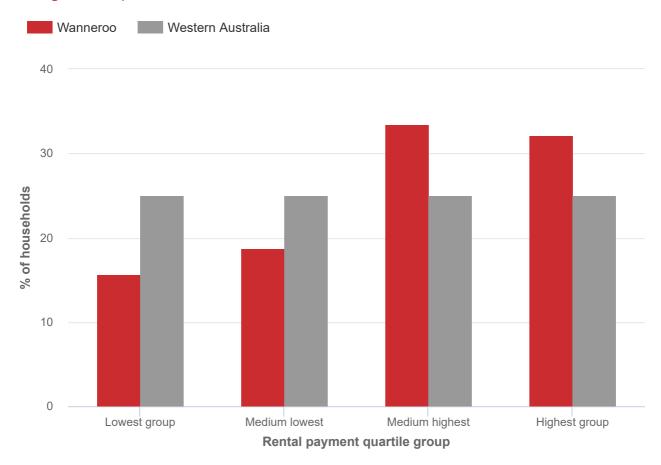
## Housing rental - Quartile group dollar ranges

Calculated from rental payment data for WA	Weekly housing rental payments by Census year						
Rental payment ranges	2021	2016	2011	2006	2001		
Lowest group	\$0 to \$259	\$0 to \$254	\$0 to \$200	\$0 to \$123	\$0 to \$93		
Medium lowest	\$260 to \$345	\$255 to \$356	\$201 to \$308	\$124 to \$176	\$94 to \$132		
Medium highest	\$346 to \$429	\$357 to \$437	\$309 to \$385	\$177 to \$230	\$133 to \$177		
Highest group	\$430 and over	\$438 and over	\$386 and over	\$231 and over	\$178 and over		

a Households renting social housinga Households renting privately

- a Median weekly rental payments
- A High rental payments (more than \$450 per week)

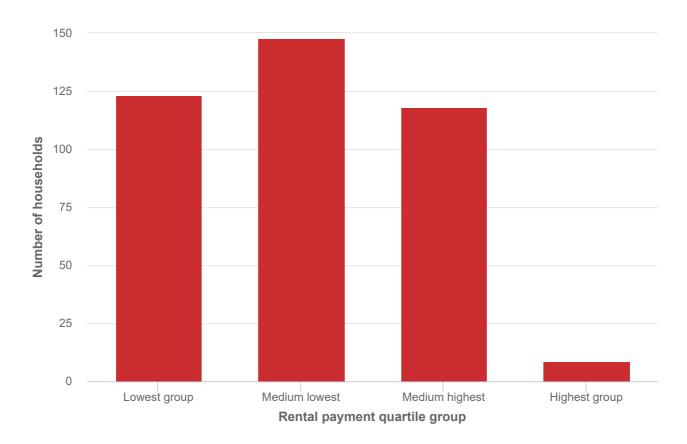
### Housing rental quartiles for 2021



Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by <a href="mailto:id">id</a> (informed decisions).

#### Change in housing rental quartiles, 2016 to 2021

Wanneroo



Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

## **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 Wanneroo compared to Western Australia shows that there was a larger proportion of households in the highest payment quartile, and a smaller proportion in the lowest payment quartile.

## **Emerging groups**

The total number of households renting their dwelling in Wanneroo increased by 398 between 2016 and 2021. The most significant change during this period was in the medium lowest quartile which showed an increase of 148 households.

# Western Australia

# Residential building approvals

The Western Australia Parliamentary Library'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.

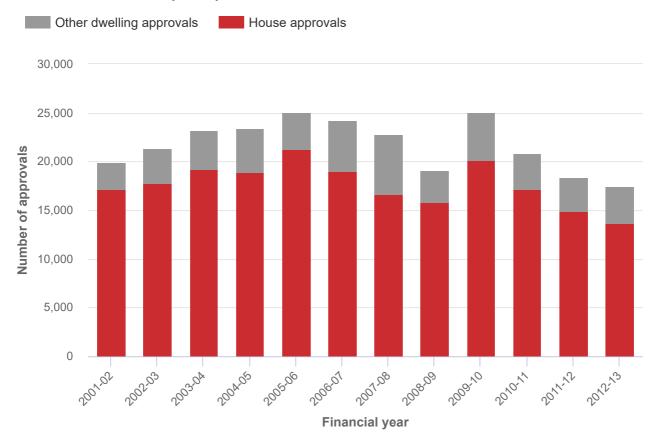
# Residential building approvals

Western Australia Parliamentary Library	Number			Annual change			
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> (informed decisions)

#### Residential building approvals

Western Australia Parliamentary Library



Source: Australian Bureau of Statistics, Building Approvals, Australia (8731.0). Compiled and presented by .id (informed decisions).

# 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. Population experts .id (informed decisions) 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 Parliamentary Library 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 Geography Notes section.

Results for the Western Australia Parliamentary Library 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 Parliamentary Library.