Western Australia Parliamentary Library 2016 Census Results

2016 Census Results Rockingham (2021)

Comparison year: 2011

Benchmark area: Greater Perth

community profile

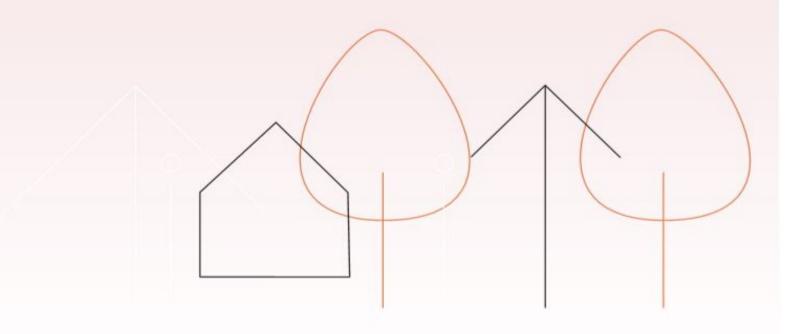






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Welcome to the Western Australia Parliamentary Library Electorate Profiles

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

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

Population

2,621,509

ABS ERP 2019

Land area

253,151,440

ha (2,531,514 Km²)

Population density

0.01

persons per hectare





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

News more >

Vulnerable communities assessment

Case study.

15 April 2020

Austalia's fastest growing areas

Insights from the latest ABS population figures.

30 March 2020

Charting vulnerabilty

Understand vulnerable communities across LGAs.

19 March 2020

Covid-19 support

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

17 March 2020

Population highlights

Population

40,003

ERP, 2019

▼ Declined by 93 from the previous year.

Estimated Resident Population Rockingham (2021)



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

Rockingham (2021) 2016

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

Aboriginal and Torres Strait Islander Population

2.1% (0.5%)

Greater Perth 1.6% ↔ WA 3.1% ↔ Australia 2.8% ↔

Couples with children

23% (-0.5%)

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

Older couples without children

13% (0.3%)

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

Lone person households

28% (-0.4%)

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

Medium and high density Housing

20% (-3.4%)

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

Median weekly household income

\$1,162 _(\$156)

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

Median weekly mortgage repayment

\$384

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

Median weekly rent

\$314

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

Households renting

28% ▼(-2.5%)

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

Households with a mortgage

31% (1%)

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

Overseas born

32% (-0.5%)

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

Language at home other than English

8% (1%)

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

University attendance

2% (0.1%)

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

University qualification

10% (2.4%)

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

Trade qualification (certificate)

26% (2.1%)

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

Unemployment rate

10.9% (3.8%)

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

Participation rate (population in labour force)

54% _(-2.4%)

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

Public transport (to work)

12% (3.4%)

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

SEIFA index of disadvantage 2016

961

Greater Perth 1026 ▲
WA 1015 ▲
Australia 1002 ▲

Median age

36 •• (0)

WA 36 •• Australia 38 •

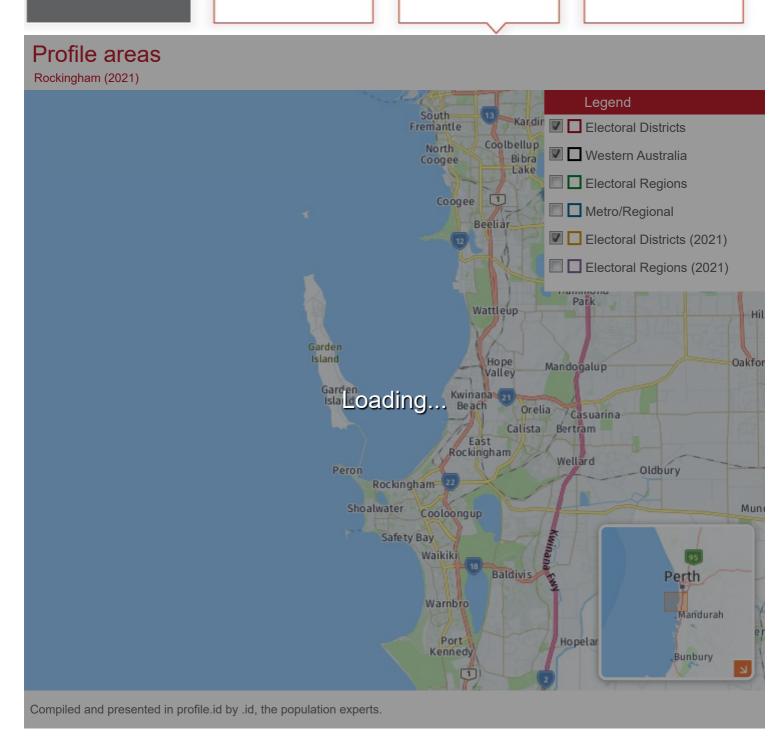
Rockingham (2021) About the profile areas

Important
Statistics

Population
40,003
2019 ABS ERP

Land area 4,911 ha (49 Km²)

Population density
8.15
persons per hectare



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Population and dwellings

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

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

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

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

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

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

Population

Rockingham (2021) - Total persons	2016				Change		
Population	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Estimated Resident Population	40,667						
Enumerated Population	39,036			37,762			+1,274
Usual Resident Population	39,388			38,491			+897

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

Selected subpopulation categories

Rockingham (2021) - Total people (Usual residence)	2016			Change			
Population group	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Males	19,742	50.1	49.6	19,253	50.0	49.6	+489
Females	19,650	49.9	50.4	19,238	50.0	50.4	+412
Aboriginal and Torres Strait Islander population	816	2.1	1.6	623	1.6	1.6	+193
Australian citizens	63,351	160.8	78.3	31,712	82.4	80.0	+31,639
Eligible voters (citizens aged 18+)	50,435	128.0	59.1	25,061	65.1	60.6	+25,374
Population over 15	33,076	84.0	80.9	32,036	83.2	80.8	+1,040
Employed Population	15,888	89.1	91.9	16,758	92.8	95.2	-870
Overseas visitors (enumerated)	221			238			-17

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

Please refer to specific data notes for more information

Dwellings

Rockingham (2021) - Households (Enumerated)		2016			2011		Change
Dwellings	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total dwellings	19,132	100.0	100.0	18,507	100.0	100.0	+625
Occupied private dwellings	16,327	85.3	89.4	15,989	86.4	90.8	+338
Population in non-private dwellings	2,221			1,341			+880
Average household size (persons per dwelling)	2.27		2.55	2.29		2.55	-0.02

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

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

Estimated Resident Population (ERP)

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

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

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

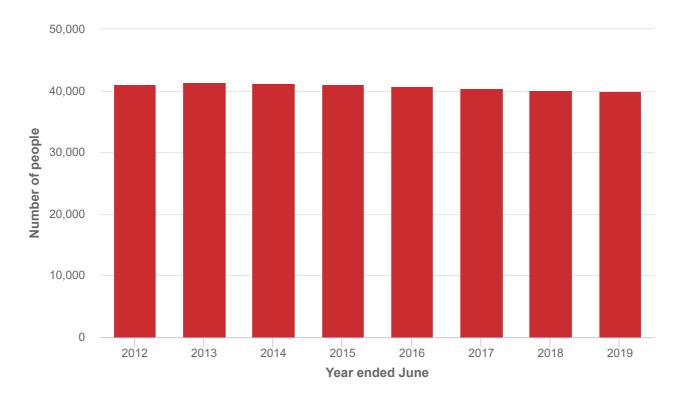
Estimated Resident Population (ERP)

Year (ending June 30)	Number	Change in number	Change in percent	Greater Perth change in percent
2012	41,145			
2013	41,366	+221	+0.54	+2.89
2014	41,229	-137	-0.33	+1.53
2015	41,060	-169	-0.41	+1.19
2016	40,667	-393	-0.96	+0.86
2017	40,364	-303	-0.75	+0.92
2018	40,096	-268	-0.66	+1.01
2019	40,003	-93	-0.23	+1.33

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

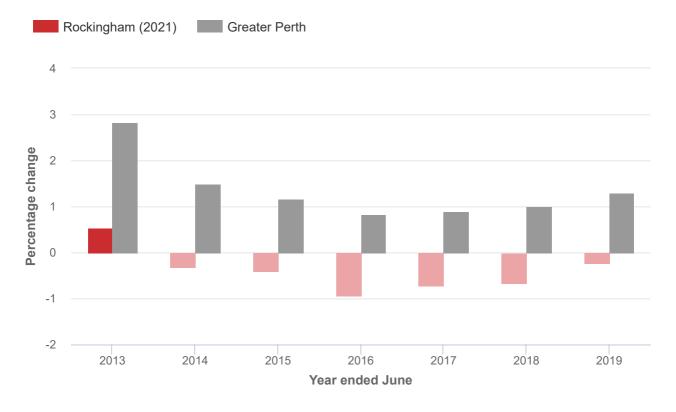
Estimated Resident Population (ERP)

Rockingham (2021)



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

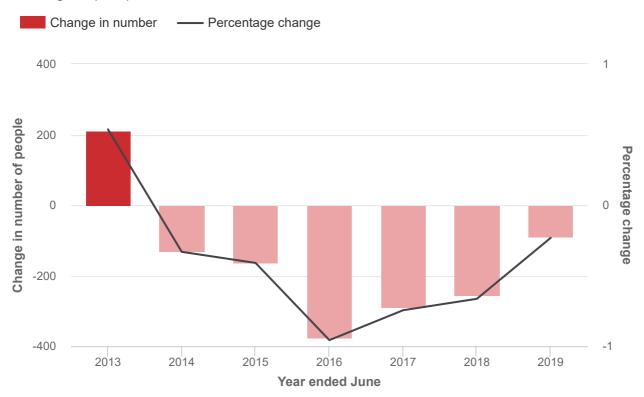
Percentage change in ERP - Rockingham (2021) compared to Greater Perth



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

Annual change in Estimated Resident Population (ERP)

Rockingham (2021)



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

Service age groups

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

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

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

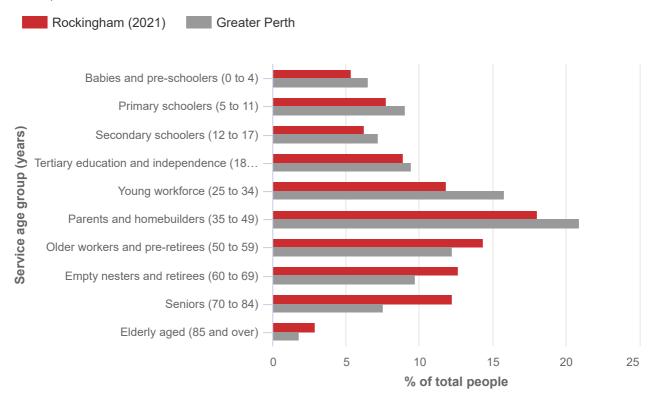
Age structure - Service age groups

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Service age group (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Babies and pre-schoolers (0 to 4)	2,094	5.3	6.5	2,410	6.3	6.6	-316
Primary schoolers (5 to 11)	3,038	7.7	9.0	2,809	7.3	8.7	+229
Secondary schoolers (12 to 17)	2,438	6.2	7.2	2,807	7.3	7.9	-369
Tertiary education and independence (18 to 24)	3,485	8.8	9.4	3,656	9.5	10.2	-171
Young workforce (25 to 34)	4,661	11.8	15.8	4,530	11.8	14.7	+131
Parents and homebuilders (35 to 49)	7,110	18.0	20.9	7,282	18.9	21.6	-172
Older workers and pre-retirees (50 to 59)	5,651	14.3	12.2	5,255	13.7	12.4	+396
Empty nesters and retirees (60 to 69)	4,971	12.6	9.7	4,489	11.7	9.2	+482
Seniors (70 to 84)	4,827	12.3	7.5	4,379	11.4	7.0	+448
Elderly aged (85 and over)	1,120	2.8	1.8	874	2.3	1.6	+246
Total	39,395	100.0	100.0	38,491	100.0	100.0	+904

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

Age structure - service age groups, 2016

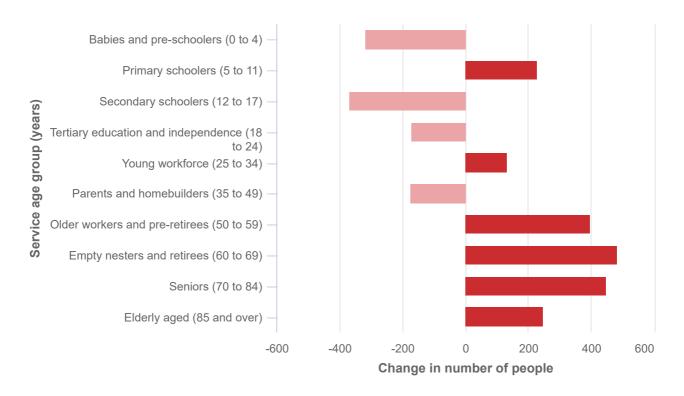
Total persons



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

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

Rockingham (2021) - Total persons



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

Dominant groups

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

Overall, 19.2% of the population was aged between 0 and 17, and 27.7% were aged 60 years and over, compared with 22.7% and 19.0% respectively for Greater Perth.

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

- A *larger* percentage of 'Seniors' (12.3% compared to 7.5%)
- A *larger* percentage of 'Empty nesters and retirees' (12.6% compared to 9.7%)
- A *smaller* percentage of 'Young workforce' (11.8% compared to 15.8%)
- A smaller percentage of 'Parents and homebuilders' (18.0% compared to 20.9%)

Emerging groups

From 2011 to 2016, Rockingham (2021)'s population increased by 904 people (2.3%). This represents an average annual population change of 0.47% per year over the period.

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

- Empty nesters and retirees (60 to 69) (+482 people)
- Seniors (70 to 84) (+448 people)
- Older workers and pre-retirees (50 to 59) (+396 people)
- Secondary schoolers (12 to 17) (-369 people)

Five year age groups

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

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

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

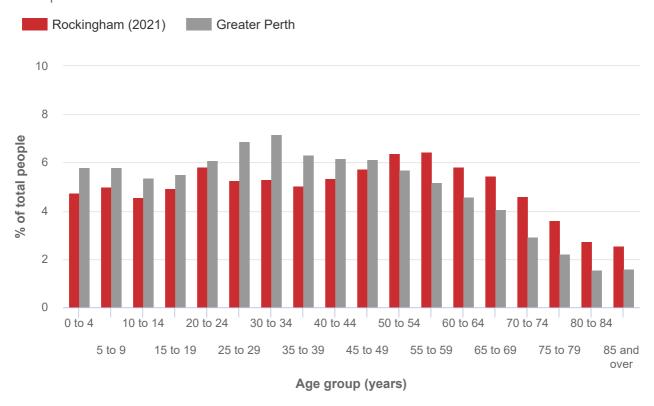
Age structure - Five year age groups

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Five year age groups (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
0 to 4	2,094	5.3	6.5	2,410	6.3	6.6	-316
5 to 9	2,212	5.6	6.5	1,982	5.1	6.2	+230
10 to 14	2,011	5.1	6.0	2,198	5.7	6.4	-187
15 to 19	2,168	5.5	6.2	2,441	6.3	6.8	-273
20 to 24	2,574	6.5	6.9	2,651	6.9	7.5	-77
25 to 29	2,318	5.9	7.7	2,379	6.2	7.7	-61
30 to 34	2,345	6.0	8.0	2,151	5.6	7.0	+194
35 to 39	2,227	5.7	7.1	2,209	5.7	7.2	+18
40 to 44	2,352	6.0	6.9	2,436	6.3	7.4	-84
45 to 49	2,527	6.4	6.9	2,637	6.9	7.1	-110
50 to 54	2,807	7.1	6.4	2,767	7.2	6.5	+40
55 to 59	2,841	7.2	5.8	2,488	6.5	5.8	+353
60 to 64	2,561	6.5	5.1	2,420	6.3	5.3	+141
65 to 69	2,409	6.1	4.6	2,069	5.4	3.8	+340
70 to 74	2,024	5.1	3.3	1,776	4.6	3.0	+248
75 to 79	1,593	4.0	2.5	1,415	3.7	2.3	+178
80 to 84	1,213	3.1	1.7	1,188	3.1	1.8	+25
85 and over	1,120	2.8	1.8	874	2.3	1.6	+246
Total population	39,396	100.0	100.0	38,491	100.0	100.0	+905

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

Age structure - five year age groups, 2016

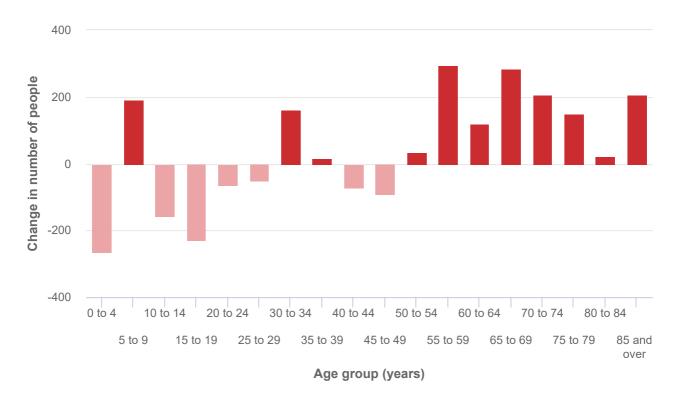
Total persons



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

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

Rockingham (2021) - Total persons



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

Dominant groups

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

Overall, 16.0% of the population was aged between 0 and 15, and 21.2% were aged 65 years and over, compared with 19.1% and 13.8% respectively for Greater Perth.

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

- A *larger* percentage of persons aged 70 to 74 (5.1% compared to 3.3%)
- A *larger* percentage of persons aged 75 to 79 (4.0% compared to 2.5%)
- A smaller percentage of persons aged 30 to 34 (6.0% compared to 8.0%)
- A *smaller* percentage of persons aged 25 to 29 (5.9% compared to 7.7%)

Emerging groups

From 2011 to 2016, Rockingham (2021)'s population increased by 905 people (2.4%). This represents an average annual population change of 0.47% per year over the period.

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

- 55 to 59 (+353 persons)
- 65 to 69 (+340 persons)
- 0 to 4 (-316 persons)
- 15 to 19 (-273 persons)

Ancestry

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

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

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

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

Ancestry - Ranked by size

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Ancestry	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
English	18,686	47.4	37.2	18,553	48.2	37.6	+133
Australian	12,747	32.4	28.3	12,514	32.5	30.1	+233
Scottish	4,151	10.5	8.6	3,749	9.7	8.3	+402
Irish	3,912	9.9	9.2	3,361	8.7	8.3	+551
German	1,289	3.3	2.8	1,138	3.0	2.7	+151
Italian	1,072	2.7	5.3	986	2.6	5.4	+86
Dutch	779	2.0	1.9	829	2.2	2.1	-50
Maori	659	1.7	1.1	752	2.0	1.0	-93
New Zealander	578	1.5	1.3	559	1.5	1.2	+19
Filipino	536	1.4	1.5	330	0.9	0.9	+206

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

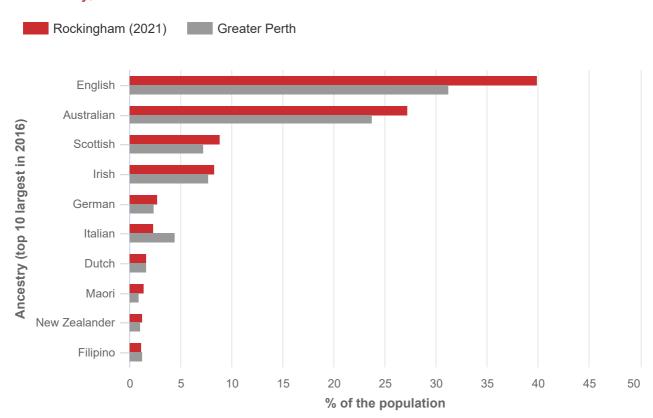
Ancestry - Totals

Rockingham (2021) - Total persons (Usual residence)	2016				Change		
Ancestry totals	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Not stated	3,132	6.2	5.3	2,677	5.6	5.6	+455
Total responses	50,257			47,630			+2,627
Total people	39,395			38,491			+904

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

Please refer to specific data notes for more information

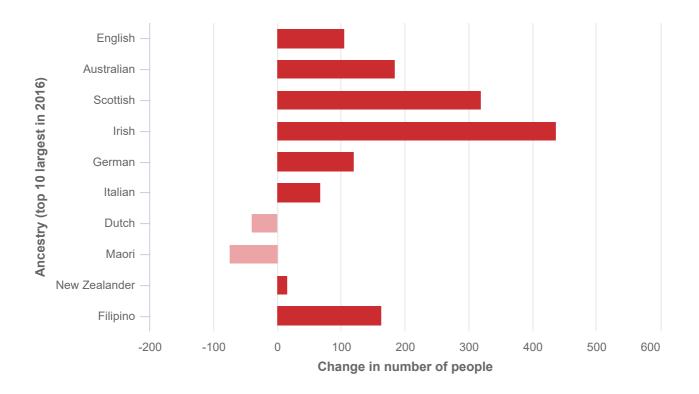
Ancestry, 2016



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

Change in ancestry, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

- English (18,686 people or 47.4%)
- Australian (12,747 people or 32.4%)
- Scottish (4,151 people or 10.5%)
- Irish (3,912 people or 9.9%)
- German (1,289 people or 3.3%)

In combination these five ancestries account for 40,785 responses in total, or 103.53% of all responses.

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

- A larger percentage of people with English ancestry (47.4% compared to 37.2%)
- A larger percentage of people with Australian ancestry (32.4% compared to 28.3%)
- A smaller percentage of people with Chinese ancestry (0.9% compared to 5.1%)
- A *smaller* percentage of people with Indian ancestry (0.7% compared to 3.3%)

Emerging groups

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

- Irish (+551 persons)
- Scottish (+402 persons)
- Australian (+233 persons)
- Filipino (+206 persons)

Birthplace

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

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

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

Birthplace - Summary

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Birthplace	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total overseas born	12,503	31.7	36.1	12,432	32.3	34.4	+71
Australia	23,470	59.6	57.3	23,596	61.2	59.7	-126
Not stated	3,417	8.7	6.6	2,508	6.5	5.9	+909
Total Population	39,390	100.0	100.0	38,536	100.0	100.0	+854

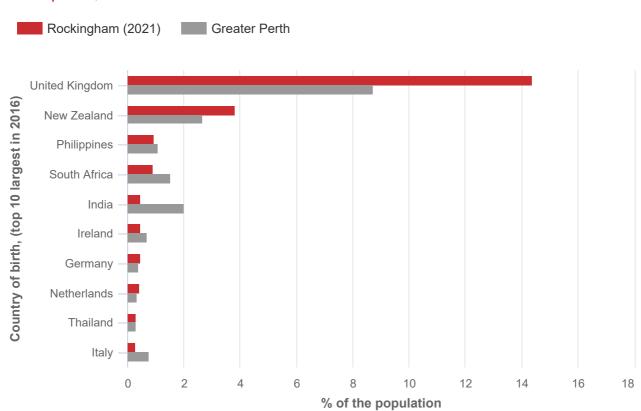
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by .id , the population experts.

Birthplace - Ranked by size

Rockingham (2021) - Overseas born (Usual residence)	2016					Change	
Birthplace	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
United Kingdom	6,696	17.0	10.4	7,134	18.5	11.4	-438
New Zealand	1,778	4.5	3.2	1,689	4.4	3.1	+89
Philippines	437	1.1	1.3	263	0.7	0.8	+174
South Africa	414	1.1	1.8	407	1.1	1.7	+7
India	211	0.5	2.4	168	0.4	1.6	+43
Ireland	209	0.5	0.8	214	0.6	0.7	-5
Germany	208	0.5	0.4	186	0.5	0.5	+22
Netherlands	194	0.5	0.4	216	0.6	0.5	-22
Thailand	137	0.3	0.3	89	0.2	0.3	+48
Italy	132	0.3	0.9	121	0.3	1.0	+11

Excludes countries of birth with fewer than 10 people.

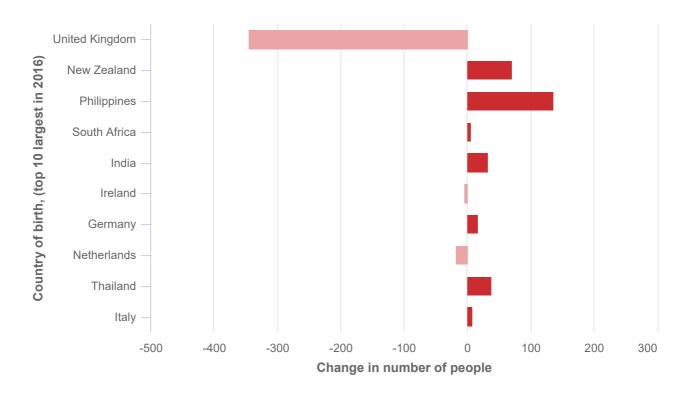
Birthplace, 2016



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

Change in birthplace, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

Overall, 31.7% of the population was born overseas, compared with 36.1% for Greater Perth.

The largest non-English speaking country of birth in Rockingham (2021) was Philippines, where 1.1% of the population, or 437 people, were born.

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

- A larger percentage of people born in United Kingdom (17.0% compared to 10.4%)
- A *larger* percentage of people born in New Zealand (4.5% compared to 3.2%)
- A smaller percentage of people born in India (0.5% compared to 2.4%)
- A smaller percentage of people born in Malaysia (0.3% compared to 1.5%)

Emerging groups

Between 2011 and 2016, the number of people born overseas increased by 71 or 0.6%.

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

- United Kingdom (-438 persons)
- Philippines (+174 persons)
- · New Zealand (+89 persons)
- Vietnam (+53 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 Rockingham (2021) in housing the overseas-born. The number of recent overseas arrivals in an area is often determined by housing affordability, employment opportunities and pre-existing communities located in the area.

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

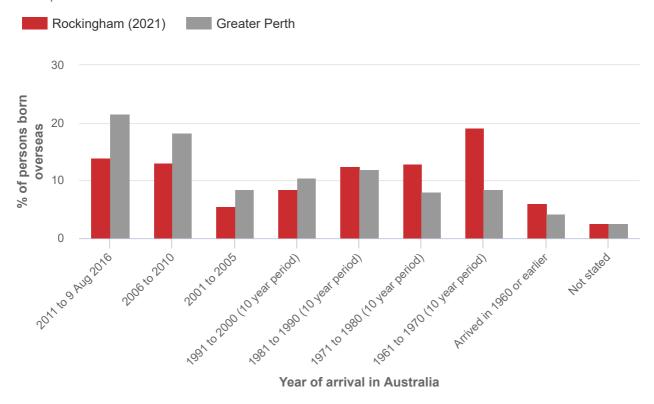
Overseas arrivals

Rockingham (2021) - Overseas born (Usual residence)		2016	
Year of arrival in Australia	Number	%	Greater Perth %
2011 to 9 Aug 2016	1,858	14.8	22.8
2006 to 2010	1,734	13.8	19.4
2001 to 2005	744	5.9	9.1
1991 to 2000 (10 year period)	1,129	9.0	11.0
1981 to 1990 (10 year period)	1,648	13.1	12.7
1971 to 1980 (10 year period)	1,707	13.6	8.5
1961 to 1970 (10 year period)	2,547	20.3	9.0
Arrived in 1960 or earlier	813	6.5	4.5
Not stated	354	2.8	2.9
Total	12,534	100.0	100.0

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

Overseas arrivals, 2016

Total persons



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

Dominant groups

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

Overall, 62.6% of the overseas born population arrived before 2001, and 15% arrived during or after 2011, compared with 45.8% and 22.8% respectively for Greater Perth.

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

- A larger percentage of arrivals between 1961 and 1970 (20.3% compared to 9.0%)
- A larger percentage of arrivals between 1971 and 1980 (13.6% compared to 8.5%)
- A smaller percentage of arrivals between 2011 to 9 Aug 2016 (14.8% compared to 22.8%)
- A smaller percentage of arrivals between 2006 and 9 Aug 2011 (13.8% compared to 19.4%)

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 Rockingham (2021)'s ethnic composition and how long the overseas born have been in Australia. This helps service providers determine whether they need to communicate with the local population in languages other than English.

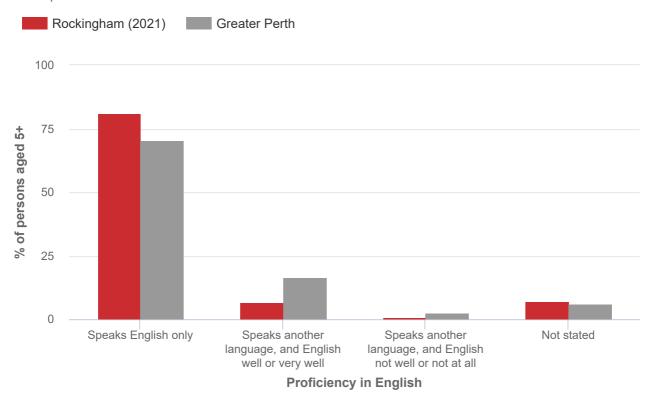
Proficiency in English

Rockingham (2021) - Total persons (Usual residence)	2016			2011			Change
English proficiency	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Speaks English only	33,309	84.6	73.5	33,780	87.7	77.8	-471
Speaks another language, and English well or very well	2,736	6.9	17.3	2,283	5.9	14.3	+453
Speaks another language, and English not well or not at all	366	0.9	2.9	341	0.9	2.4	+25
Not stated	2,978	7.6	6.3	2,097	5.4	5.4	+881
Total population	39,389	100.0	100.0	38,501	100.0	100.0	+888

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

Proficiency in English, 2016

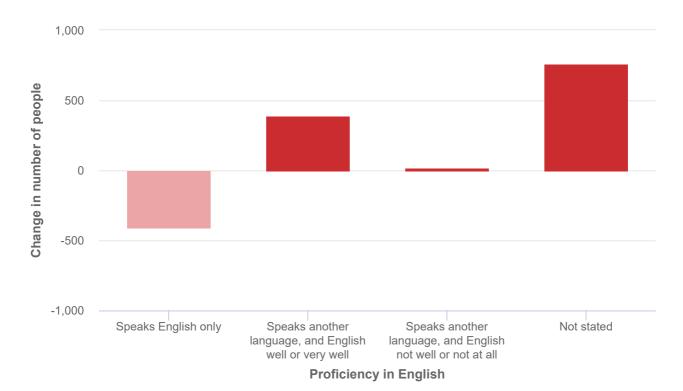
Total persons



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

Change in Proficiency in English, 2011 to 2016

Rockingham (2021) - Total persons



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

Dominant groups

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

Overall, 84.6% of people spoke English only, and 0.9% spoke another language and English not well or not at all, compared with 73.5% and 2.9% respectively for Greater Perth.

Emerging groups

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

- Speaks English only (-471 persons)
- Speaks another language, and English well or very well (+453 persons)

Language spoken at home

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

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

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

Language spoken at home - Summary

Rockingham (2021) - Total persons (Usual residence)	2016				Change		
Language summary	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Speaks English only	33,309	84.6	73.5	33,780	87.7	77.8	-471
Non-English total	2,999	7.6	20.1	2,561	6.7	16.6	+438
Not stated	3,085	7.8	6.4	2,156	5.6	5.5	+929
Total Population	39,393	100.0	100.0	38,497	100.0	100.0	+896

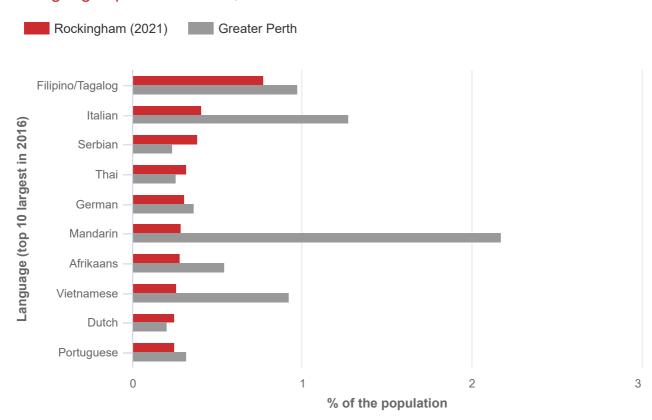
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Language spoken at home - Ranked by size

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Language (excludes English)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Filipino/Tagalog	327	0.8	1.0	177	0.5	0.6	+150
Italian	172	0.4	1.4	157	0.4	1.6	+15
Serbian	162	0.4	0.3	230	0.6	0.3	-68
Thai	135	0.3	0.3	87	0.2	0.2	+48
German	130	0.3	0.4	151	0.4	0.4	-21
Mandarin	121	0.3	2.3	80	0.2	1.5	+41
Afrikaans	119	0.3	0.6	114	0.3	0.5	+5
Vietnamese	109	0.3	1.0	55	0.1	0.9	+54
Dutch	105	0.3	0.2	129	0.3	0.3	-24
Portuguese	104	0.3	0.3	63	0.2	0.3	+41

Excludes languages spoken at home by fewer than 10 people.

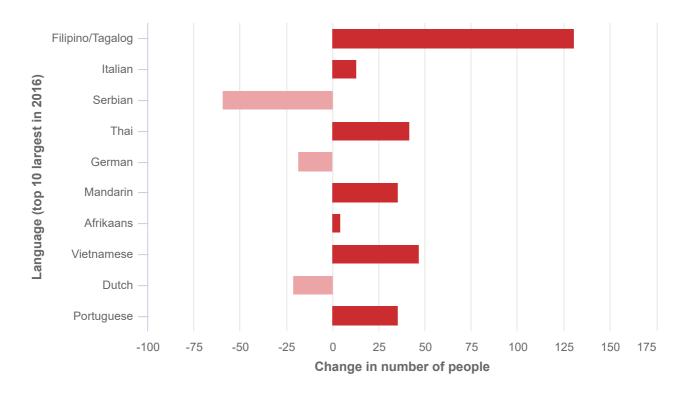
Language spoken at home, 2016



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

Change in language spoken at home, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

Overall, 84.6% of the population spoke English only, and 7.6% spoke a non-English language, compared with 73.5% and 20.1% respectively for Greater Perth.

The dominant language spoken at home, other than English, in Rockingham (2021) was Filipino/Tagalog, with 0.8% of the population, or 327 people speaking this language at home.

The major difference between the languages spoken at home for the population of Rockingham (2021) and Greater Perth in 2016 was:

• A *smaller* percentage speaking Mandarin at home (0.3% compared to 2.3%)

Emerging groups

Between 2011 and 2016, the number of people who spoke a language other than English at home increased by 438 or 17.1%, and the number of people who spoke English only decreased by 471 or 1.4%.

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

- Filipino/Tagalog (+150 persons)
- Serbian (-68 persons)
- Vietnamese (+54 persons)

Religion

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

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

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

Religion - Summary

Rockingham (2021) - Total persons (Usual residence)	2011				Change		
Religion totals	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
Christian total	23,240	60.3	58.4	23,240	60.3	58.4	0
Non Christian total	987	2.6	6.9	987	2.6	6.9	0
Non-classifiable religious belief	385	1.0	0.9	385	1.0	0.9	0
No religion	10,235	26.6	25.1	10,235	26.6	25.1	0
Not stated	3,669	9.5	8.8	3,669	9.5	8.8	0
Total Population	38,516	100.0	100.0	38,516	100.0	100.0	0

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

Religion - Ranked by size

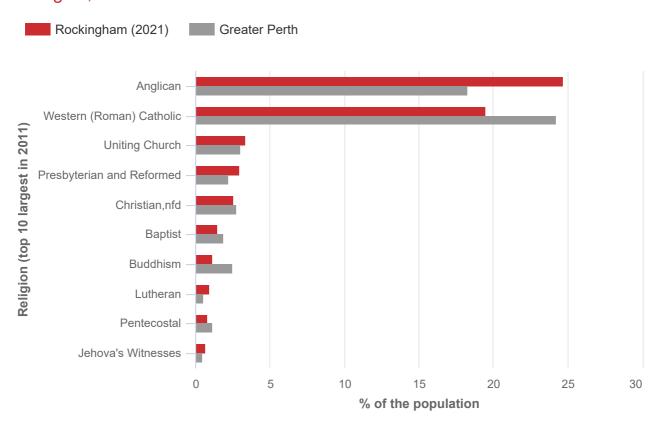
Rockingham (2021) - Total persons (Usual residence)	2011			2011			Change
Religion	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
Anglican	9,597	24.9	18.5	9,597	24.9	18.5	0
Western (Roman) Catholic	7,570	19.7	24.4	7,570	19.7	24.4	0
Uniting Church	1,296	3.4	3.0	1,296	3.4	3.0	0
Presbyterian and Reformed	1,136	2.9	2.2	1,136	2.9	2.2	0
Christian,nfd	984	2.6	2.8	984	2.6	2.8	0
Baptist	571	1.5	1.9	571	1.5	1.9	0
Buddhism	441	1.1	2.5	441	1.1	2.5	0
Lutheran	365	0.9	0.5	365	0.9	0.5	0
Pentecostal	302	0.8	1.2	302	0.8	1.2	0
Jehova's Witnesses	263	0.7	0.5	263	0.7	0.5	0

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

Please refer to specific data notes for more information

Excludes religions with fewer than 10 adherents.

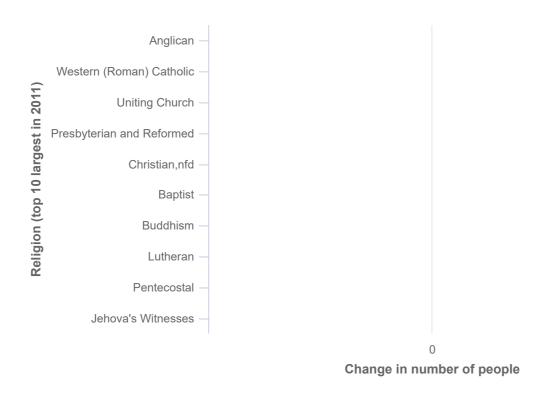
Religion, 2011



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

Change in religion, 2011 to 2011

Rockingham (2021)



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

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

Overall, 62.9% of the population nominated a religion, and 26.6% said they had no religion, compared with 65.2% and 25.1% respectively for Greater Perth.

The largest single religion in Rockingham (2021) was Anglican, with 24.9% of the population or 9,597 people as adherents.

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

- A *larger* percentage who nominated Anglican (24.9% compared to 18.5%)
- A *smaller* percentage who nominated Western (Roman) Catholic (19.7% compared to 24.4%)
- A *smaller* percentage who nominated Islam (0.5% compared to 2.1%)
- A *smaller* percentage who nominated Buddhism (1.1% compared to 2.5%)

Emerging groups

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

Qualifications

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

Learn more about planning education provision here.

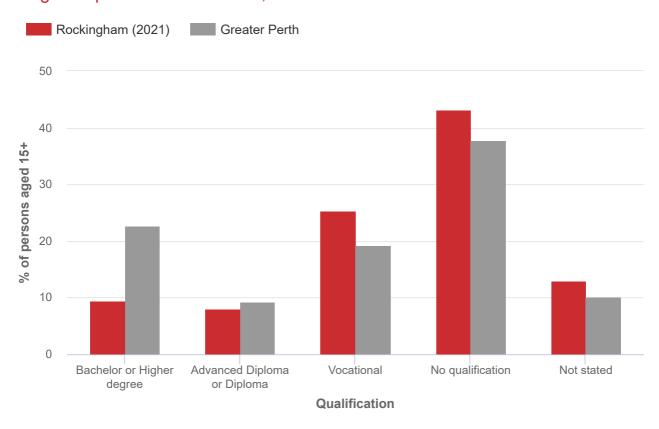
Highest qualification achieved

Rockingham (2021) - Persons aged 15+ (Usual residence)	2016				Change		
Qualification level	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Bachelor or Higher degree	3,166	9.6	22.9	2,282	7.1	19.6	+884
Advanced Diploma or Diploma	2,683	8.1	9.3	2,231	7.0	8.6	+452
Vocational	8,476	25.6	19.4	7,526	23.5	18.6	+950
No qualification	14,450	43.7	38.1	15,412	48.1	42.3	-962
Not stated	4,309	13.0	10.2	4,584	14.3	10.9	-275
Total persons aged 15+	33,084	100.0	100.0	32,035	100.0	100.0	+1,049

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

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

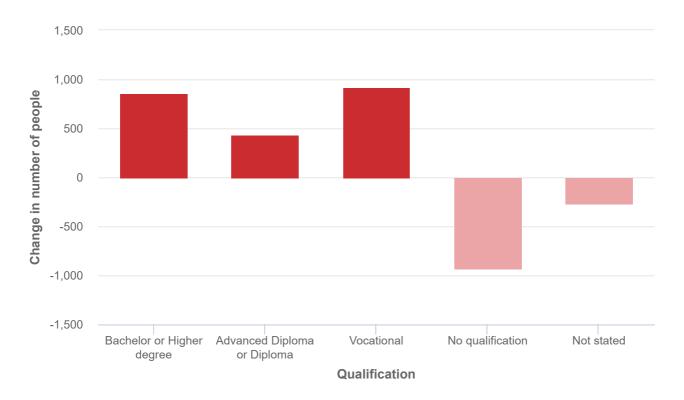
Highest qualification achieved, 2016



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

Change in highest qualification achieved, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Overall, 43.3% of the population aged 15 and over held educational qualifications, and 43.7% had no qualifications, compared with 51.7% and 38.1% respectively for Greater Perth.

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

- A *larger* percentage of persons with Vocational qualifications (25.6% compared to 19.4%)
- A *larger* percentage of persons with No qualifications (43.7% compared to 38.1%)
- A *smaller* percentage of persons with Bachelor or Higher degrees (9.6% compared to 22.9%)
- A smaller percentage of persons with Advanced Diploma or Diplomas (8.1% compared to 9.3%)

Emerging groups

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

- No qualifications (-962 persons)
- Vocational qualifications (+950 persons)
- Bachelor or Higher degrees (+884 persons)
- Advanced Diploma or Diplomas (+452 persons)

Highest level of schooling

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

Learn more about planning education provision here.

Highest level of secondary schooling completed

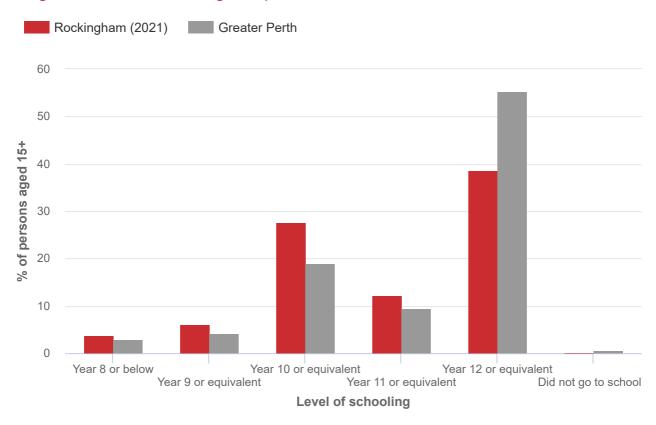
Rockingham (2021) - Total persons (Usual residence)	2016				Change		
Level of schooling	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Year 8 or below	1,247	3.8	3.1	1,500	4.7	3.7	-253
Year 9 or equivalent	2,013	6.1	4.2	2,021	6.3	4.4	-8
Year 10 or equivalent	9,172	27.7	19.1	9,300	29.1	21.2	-128
Year 11 or equivalent	4,045	12.2	9.4	4,131	12.9	10.3	-86
Year 12 or equivalent	12,811	38.7	55.3	11,504	36.0	51.2	+1,307
Did not go to school	86	0.3	0.7	99	0.3	0.6	-13
Not stated	3,696	11.2	8.4	3,409	10.7	8.6	+287
Total persons aged 15+	33,070	100.0	100.0	31,964	100.0	100.0	+1,106

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

Please refer to specific data notes for more information

People with below Year 11 schooling

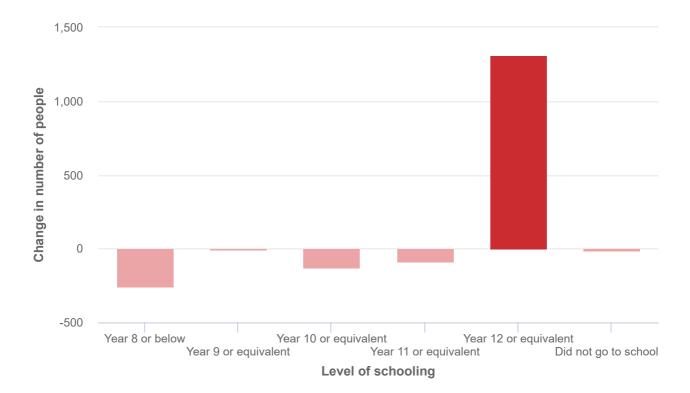
Highest level of schooling completed, 2016



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

Change in highest level of schooling completed, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Overall, 37.9% of the population left school at Year 10 or below, and 38.7% went on to complete Year 12 or equivalent, compared with 27.0% and 55.3% respectively for Greater Perth.

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

- A *larger* percentage of persons who completed year 10 or equivalent (27.7% compared to 19.1%)
- A *larger* percentage of persons who completed year 11 or equivalent (12.2% compared to 9.4%)
- A larger percentage of persons who completed year 9 or equivalent (6.1% compared to 4.2%)
- A smaller percentage of persons who completed year 12 or equivalent (38.7% compared to 55.3%)

Emerging groups

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

- Year 12 or equivalent (+1,307 persons)
- Year 8 or below (-253 persons)
- Year 10 or equivalent (-128 persons)
- Year 11 or equivalent (-86 persons)

Education institution attending

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

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

Learn more about planning education provision here.

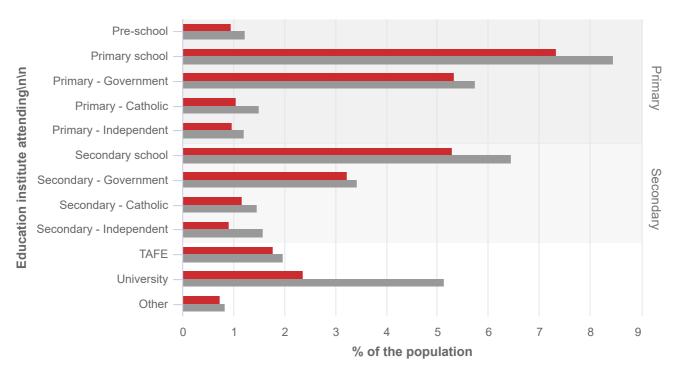
Education institution attending

Rockingham (2021) - Total persons (Usual residence)		2016			2011		Change
Type of institution	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Pre-school	730	0.9	1.2	461	1.2	1.4	+269
Primary school	5,715	7.3	8.4	2,661	6.9	8.2	+3,054
Primary - Government	4,162	5.3	5.7	1,917	5.0	5.5	+2,245
Primary - Catholic	806	1.0	1.5	434	1.1	1.5	+372
Primary - Independent	747	1.0	1.2	310	0.8	1.2	+437
Secondary school	4,122	5.3	6.5	1,741	4.5	5.7	+2,381
Secondary - Government	2,513	3.2	3.4	1,036	2.7	2.8	+1,477
Secondary - Catholic	908	1.2	1.5	418	1.1	1.5	+490
Secondary - Independent	701	0.9	1.6	287	0.7	1.5	+414
TAFE	1,379	1.8	2.0	830	2.2	2.2	+549
University	1,847	2.4	5.1	865	2.2	4.9	+982
Other	560	0.7	0.8	203	0.5	0.7	+357
Not attending	56,801	72.8	68.9	28,728	74.6	69.5	+28,073
Not stated	6,903	8.8	7.1	3,022	7.8	7.4	+3,881
Total	78,057	100.0	100.0	38,511	100.0	100.0	+39,546

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

Education institution attending, 2016

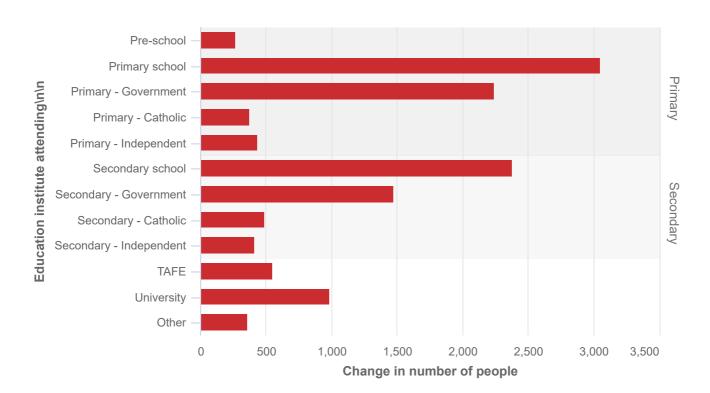




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Change in education institution attending, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Overall, 7.3% of the population were attending primary school, 5.3% of the population were attending secondary institutions, and 4.1% were learning at a tertiary level, compared with 8.4%, 6.5% and 7.1% respectively for Greater Perth.

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

- A *larger* percentage of persons not attending (72.8% compared to 68.9%)
- A smaller percentage of persons attending University (2.4% compared to 5.1%)
- A *smaller* percentage of persons attending a Government secondary school (5.3% compared to 6.5%)
- A *smaller* percentage of persons attending a Government primary school (7.3% compared to 8.4%)

Emerging groups

From 2011 to 2016, Rockingham (2021)'s population increased by 39,546 people (+102.7%). This represents an average annual change of 15.18% per year over the period.

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

- Primary school (+3,054 persons)
- Secondary school (+2,381 persons)
- Primary Government (+2,245 persons)
- Secondary Government (+1,477 persons)

Need for assistance

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

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

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

Need for assistance with core activities by age

Rockingham (2021) - Persons (Usual residence)	2016					Change	
Assistance needed by age group (years)	Number	% of total age group	Greater Perth %	Number	% of total age group	Greater Perth %	2011 to 2016
0 to 4	29	1.4	1.0	44	1.9	0.9	-15
5 to 9	86	3.9	2.6	48	2.4	2.2	+38
10 to 19	135	3.2	2.4	111	2.4	1.7	+24
20 to 59	568	2.8	1.8	462	2.3	1.6	+106
60 to 64	179	7.0	4.8	153	6.3	4.7	+26
65 to 69	194	8.0	6.1	157	7.5	5.8	+37
70 to 74	216	10.7	8.7	173	9.6	8.5	+43
75 to 79	250	15.7	14.1	187	13.1	14.1	+63
80 to 84	298	24.7	23.7	307	25.7	24.4	-9
85 and over	483	43.0	43.0	440	48.5	45.3	+43
Total persons needing assistance	2,457	6.2	3.9	2,082	5.4	3.6	+375

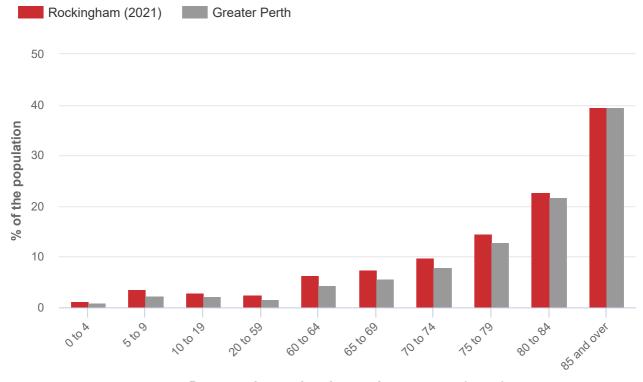
Need for assistance with core activities summary

Rockingham (2021) - Total persons (Usual residence)	2016				Change		
Assistance needed by age group (years)	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total persons needing assistance	2,457	6.2	3.9	2,082	5.4	3.6	+375
Total persons not needing assistance	33,617	85.3	89.1	34,024	88.3	90.4	-407
Not stated	3,317	8.4	7.0	2,407	6.2	6.1	+910
Total Population	39,391	100.0	100.0	38,513	100.0	100.0	+878

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

Please refer to specific data notes for more information

Need for assistance with core activities, 2016

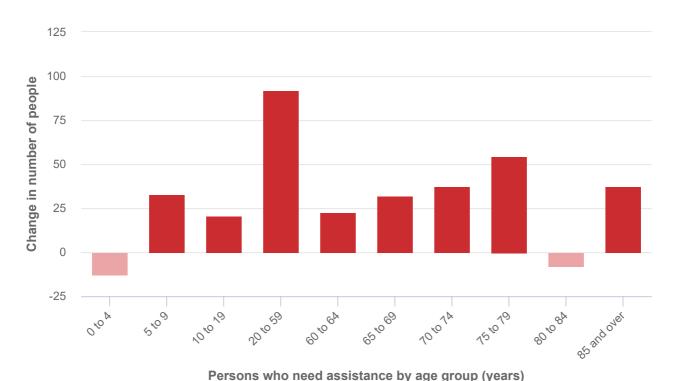


Persons who need assistance by age group (years)

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

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

Rockingham (2021) - Total persons



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

Dominant groups

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

Overall, 6.2375% of the population reported needing assistance with core activities, compared with 3.8757% for Greater Perth.

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

- A *larger* percentage of persons aged 60 to 64 (7.0% compared to 4.8%)
- A *larger* percentage of persons aged 70 to 74 (10.7% compared to 8.7%)
- A *larger* percentage of persons aged 65 to 69 (8.0% compared to 6.1%)
- A larger percentage of persons aged 75 to 79 (15.7% compared to 14.1%)

Emerging groups

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

- 20 to 59 (+106 persons)
- 75 to 79 (+63 persons)

Employment status

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

The two most important measures are:

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

Employment status

Rockingham (2021) - Persons (Usual residence)	2016				Change		
Employment status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Employed	15,888	89.1	91.9	16,758	92.8	95.2	-870
Employed full-time	9,780	54.8	56.4	10,657	59.0	60.2	-877
Employed part-time	5,818	32.6	33.9	5,667	31.4	33.1	+151
Hours worked not stated	290	1.6	1.5	434	2.4	1.9	-144
Unemployed (Unemployment rate)	1,947	10.9	8.1	1,291	7.2	4.8	+656
Looking for full-time work	1,349	7.6	4.8	860	4.8	2.7	+489
Looking for part-time work	598	3.4	3.3	431	2.4	2.0	+167
Total labour force	17,835	100.0	100.0	18,049	100.0	100.0	-214

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

Labour force status

Rockingham (2021) - Persons aged 15+ (Usual residence)	2016				Change		
Labour force status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Total labour force (Participation rate)	17,835	53.9	63.7	18,049	56.3	64.5	-214
Not in the labour force	12,485	37.7	29.8	11,973	37.4	29.6	+512
Labour force status not stated	2,760	8.3	6.5	2,014	6.3	5.9	+746
Total persons aged 15+	33,076	100.0	100.0	32,036	100.0	100.0	+1,040

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

Please refer to specific data notes for more information

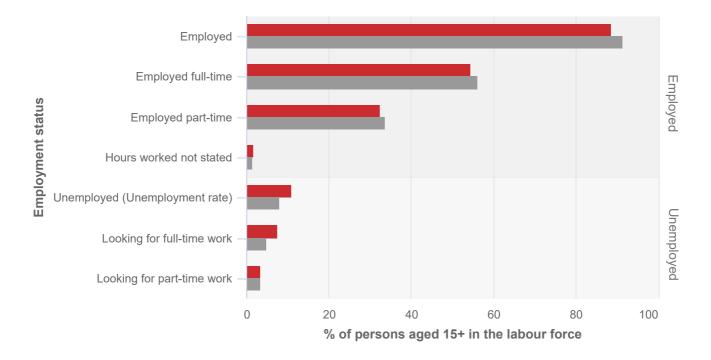
- Youth unemployment rate (persons aged 15-24)
- a Seniors unemployment rate (persons aged 55 or more)
- Disengaged youth (aged 15-24 not employed or in education)
- People employed part-time

Please refer to the specific data notes for more information

Employment status, 2016

Total persons in the labour force

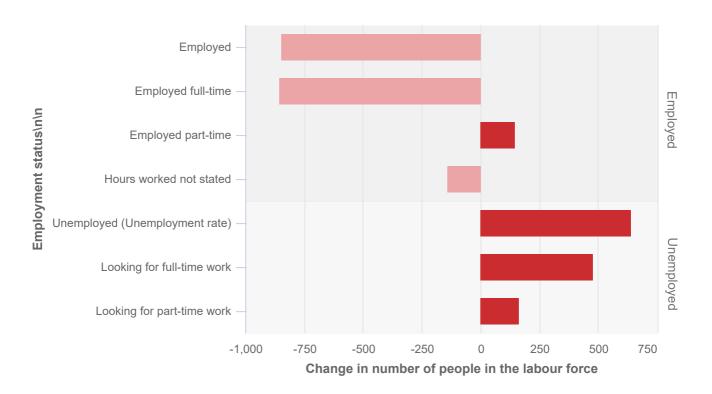




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data). Compiled and presented in profile.id by .id, the population experts.

Change in employment status, 2011 to 2016

Rockingham (2021) - Total persons in the labour force



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

Dominant groups

The size of Rockingham (2021)'s labour force in 2016 was 17,835, of which 5,818 were employed part-time and 9,780 were full time workers.

Analysis of the employment status (as a percentage of the labour force) in Rockingham (2021) in 2016 compared to Greater Perth shows that there was a lower proportion in employment, and a higher proportion unemployed. Overall, 89.1% of the labour force was employed (0.0% of the population aged 15+), and 10.9% unemployed (0.0% of the population aged 15+), compared with 91.9% and 8.1% respectively for Greater Perth.

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

Analysis of the labour force participation rate of the population in Rockingham (2021) in 2016 shows that there was a lower proportion in the labour force (53.9%) compared with Greater Perth (63.7%).

Emerging groups

Between 2011 and 2016, the number of people employed in Rockingham (2021) showed a decrease of 870, and the number unemployed showed an increase of 656. In the same period, the number of people in the labour force showed a decrease of 214 or 1.2%.

Industry sector of employment

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

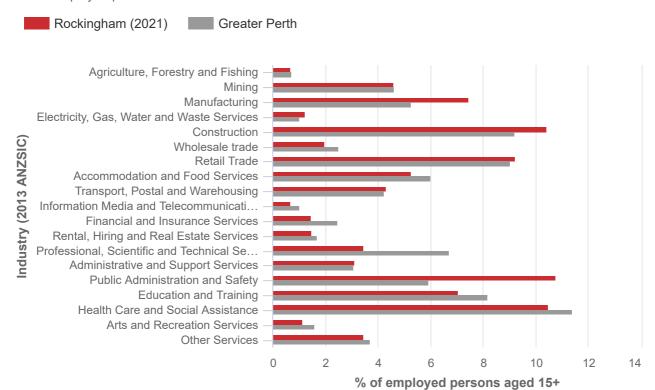
When viewed in conjunction with Residents Place of Work data and Method of Travel to Work, industry sector statistics provide insights into the relationship between the economic and residential role of the area.

Industry sector of employment

Rockingham (2021) - Employed persons (Usual residence)		2016			2011		Change
Industry sector	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Agriculture, Forestry and Fishing	114	0.7	0.8	86	0.5	0.6	+28
Mining	788	5.0	5.0	804	4.8	4.8	-16
Manufacturing	1,273	8.0	5.7	2,051	12.2	8.5	-778
Electricity, Gas, Water and Waste Services	210	1.3	1.1	250	1.5	1.1	-40
Construction	1,781	11.2	9.9	1,900	11.3	10.0	-119
Wholesale trade	339	2.1	2.7	494	2.9	3.9	-155
Retail Trade	1,576	9.9	9.8	1,846	11.0	10.4	-270
Accommodation and Food Services	901	5.7	6.5	927	5.5	5.8	-26
Transport, Postal and Warehousing	740	4.7	4.6	810	4.8	4.4	-70
Information Media and Telecommunications	114	0.7	1.1	125	0.7	1.2	-11
Financial and Insurance Services	246	1.5	2.7	200	1.2	2.9	+46
Rental, Hiring and Real Estate Services	251	1.6	1.8	259	1.5	1.8	-8
Professional, Scientific and Technical Services	594	3.7	7.2	682	4.1	8.3	-88
Administrative and Support Services	534	3.4	3.3	514	3.1	3.2	+20
Public Administration and Safety	1,845	11.6	6.4	1,888	11.3	6.4	-43
Education and Training	1,206	7.6	8.8	1,080	6.4	8.1	+126
Health Care and Social Assistance	1,797	11.3	12.3	1,679	10.0	10.9	+118
Arts and Recreation Services	192	1.2	1.7	190	1.1	1.5	+2
Other Services	595	3.7	4.0	535	3.2	3.9	+60
Inadequately described or not stated	786	4.9	4.7	454	2.7	2.2	+332
Total employed persons aged 15+	15,885	100.0	100.0	16,774	100.0	100.0	-889

Industry sector of employment, 2016

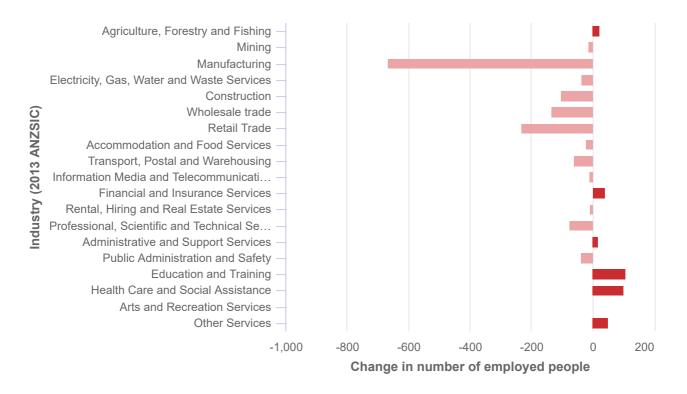
Total employed persons



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

Change in industry sector of employment, 2011 to 2016

Rockingham (2021) - Total employed persons



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

Dominant groups

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

- Public Administration and Safety (1,845 people or 11.6%)
- Health Care and Social Assistance (1,797 people or 11.3%)
- Construction (1,781 people or 11.2%)

In combination, these three industries employed 5,423 people in total or 34.1% of the total employed resident population.

In comparison, Greater Perth employed 6.4% in Public Administration and Safety; 12.3% in Health Care and Social Assistance; and 9.9% in Construction.

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

- A *larger* percentage of persons employed in public administration and safety (11.6% compared to 6.4%)
- A *larger* percentage of persons employed in manufacturing (8.0% compared to 5.7%)
- A *larger* percentage of persons employed in construction (11.2% compared to 9.9%)
- A *smaller* percentage of persons employed in professional, scientific and technical services (3.7% compared to 7.2%)

Emerging groups

The number of employed people in Rockingham (2021) decreased by 889 between 2011 and 2016.

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

- Manufacturing (-778 persons)
- Retail Trade (-270 persons)
- Wholesale trade (-155 persons)
- Education and Training (+126 persons)

Occupation of employment

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

Occupation of employment

Rockingham (2021) - Employed persons (Usual residence)	2016				2011			
Occupation	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016	
Managers	1,382	8.7	11.5	1,451	8.7	11.4	-69	
Professionals	2,058	13.0	22.2	2,098	12.5	21.7	-40	
Technicians and Trades Workers	3,260	20.5	15.6	3,557	21.2	16.1	-297	
Community and Personal Service Workers	2,160	13.6	10.8	2,079	12.4	9.7	+81	
Clerical and Administrative Workers	1,914	12.0	13.6	2,214	13.2	15.3	-300	
Sales Workers	1,476	9.3	9.2	1,570	9.4	9.0	-94	
Machinery Operators And Drivers	1,489	9.4	6.5	1,608	9.6	6.6	-119	
Labourers	1,854	11.7	9.0	1,951	11.6	8.8	-97	
Not stated or inadequately described	288	1.8	1.6	244	1.5	1.4	+44	
Total employed persons aged 15+	15,885	100.0	100.0	16,772	100.0	100.0	-887	

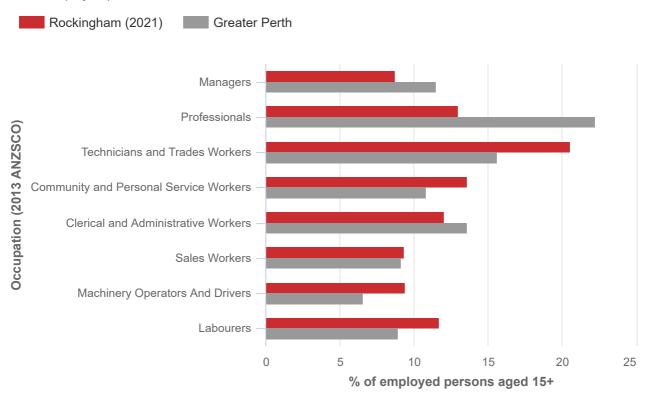
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by <u>.id</u>, the population experts.

Please refer to specific data notes for more information

People employed as Managers or Professionals

Occupation of employment, 2016

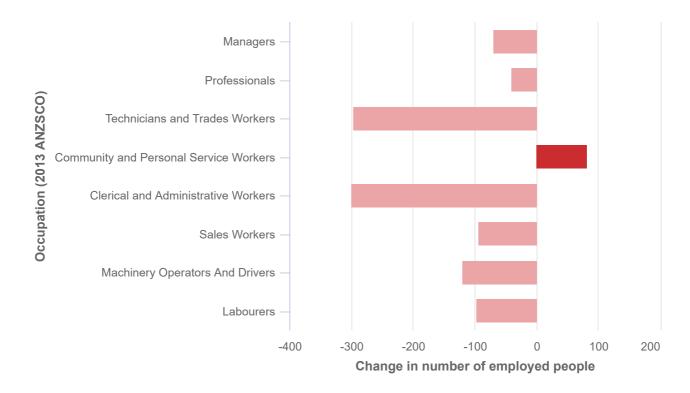
Total employed persons



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

Change in occupation of employment, 2011 to 2016

Rockingham (2021) - Total employed persons



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

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

- Technicians and Trades Workers (3,260 people or 20.5%)
- Community and Personal Service Workers (2,160 people or 13.6%)
- Professionals (2,058 people or 13.0%)

In combination these three occupations accounted for 7,478 people in total or 47.1% of the employed resident population.

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

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

- A *larger* percentage of persons employed as Technicians and Trades Workers (20.5% compared to 15.6%)
- A *larger* percentage of persons employed as Machinery Operators And Drivers (9.4% compared to 6.5%)
- A *larger* percentage of persons employed as Community and Personal Service Workers (13.6% compared to 10.8%)
- A *smaller* percentage of persons employed as Professionals (13.0% compared to 22.2%)

Emerging groups

The number of employed people in Rockingham (2021) decreased by 887 between 2011 and 2016.

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

- Clerical and Administrative Workers (-300 persons)
- Technicians and Trades Workers (-297 persons)
- Machinery Operators And Drivers (-119 persons)
- Labourers (-97 persons)

Method of travel to work

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

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

Method of travel to work

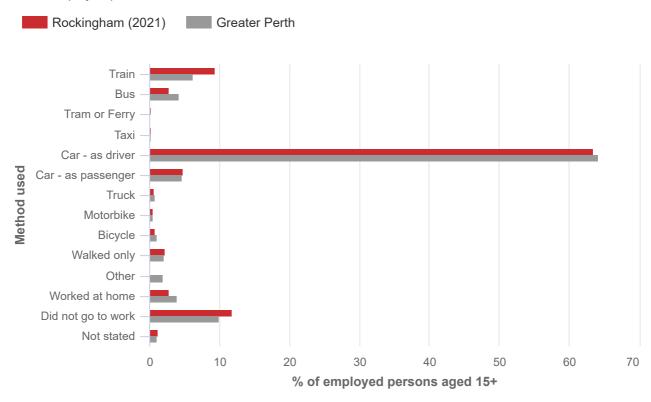
Rockingham (2021) - Employed persons (Usual residence)	2016				2011		Change
Main method of travel	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Train	1,468	9.2	6.1	990	5.9	6.5	+478
Bus	425	2.7	4.1	453	2.7	4.0	-28
Tram or Ferry	14	0.1	0.0	0		0.0	+14
Taxi	13	0.1	0.2	19	0.1	0.2	-6
Car - as driver	10,087	63.5	64.1	9,972	59.4	61.5	+115
Car - as passenger	760	4.8	4.6	1,058	6.3	5.4	-298
Truck	99	0.6	0.7	146	0.9	0.9	-47
Motorbike	79	0.5	0.5	97	0.6	0.6	-18
Bicycle	106	0.7	1.0	90	0.5	1.1	+16
Walked only	350	2.2	2.1	496	3.0	2.3	-146
Other	0		1.9	614	3.7	1.8	-614
Worked at home	433	2.7	3.9	402	2.4	3.4	+31
Did not go to work	1,866	11.7	9.9	2,110	12.6	11.0	-244
Not stated	192	1.2	1.0	337	2.0	1.3	-145
Total employed persons aged 15+	15,892	100.0	100.0	16,784	100.0	100.0	-892

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

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

Method of travel to work, 2016

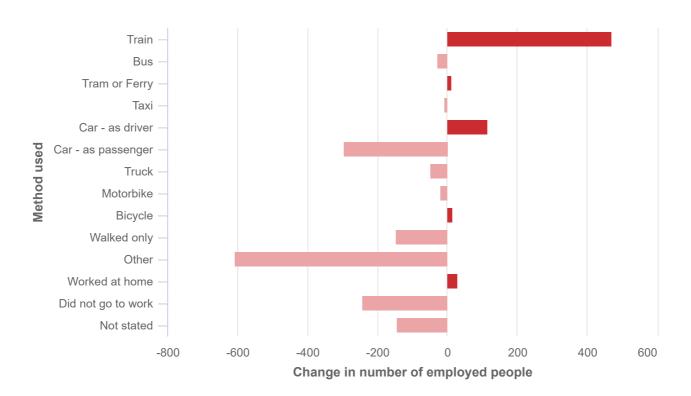
Total employed persons



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

Change in method of travel to work, 2011 to 2016

Rockingham (2021) - Total employed persons



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

In 2016, there were 1,907 people who caught public transport to work (train, bus, tram or ferry) in Rockingham (2021), compared with 11,025 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 Rockingham (2021) in 2016, compared to Greater Perth, shows that 12.0% used public transport, while 69.4% used a private vehicle, compared with 10.3% and 69.9% respectively in Greater Perth.

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

- A *larger* percentage of persons who travelled by train (9.2% compared to 6.1%)
- A larger percentage of persons who did not go to work (11.7% compared to 9.9%)
- A smaller percentage of persons who travelled by an 'other' method (0.0% compared to 1.9%)
- A *smaller* percentage of persons who travelled by bus (2.7% compared to 4.1%)

Emerging groups

The number of employed people in Rockingham (2021) decreased by 892 between 2011 and 2016.

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

- Other (-614 persons)
- Train (+478 persons)
- Car as passenger (-298 persons)
- Did not go to work (-244 persons)

Rockingham (2021) 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 socioeconomic 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 Educational Institution Attending.

Workforce and educational engagement by age

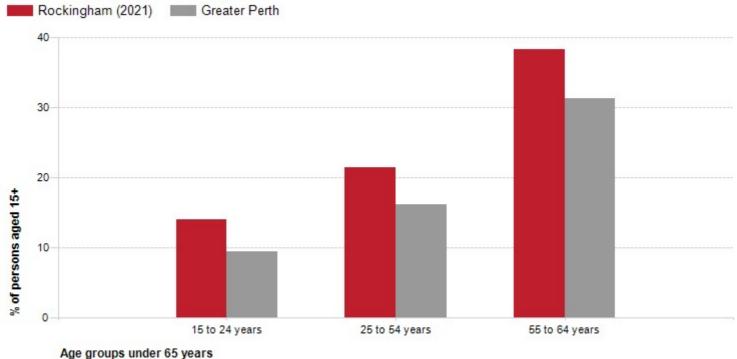
Rockingham (2021) residence)	- Persons aged 15+ (Usual		2016			2011		Change
Age group	Engagement status	Number	%	Greater Perth	Number	%	Greater Perth	2011 to 2016
15 to 24 years	Fully engaged	2,894	61.1	72.8	3,279	65.0	74.5	-385
15 to 24 years	Partially engaged	716	15.1	12.0	718	14.2	11.0	-2
15 to 24 years	Disengaged	665	14.0	9.4	731	14.5	8.4	-66
15 to 24 years	Undetermined/Not stated	464	9.8	5.7	319	6.3	6.0	+145
15 to 24 years	Total	4,739	100.0	100.0	5,047	100.0	100.0	-308
25 to 54 years	Fully engaged	7,126	48.9	54.8	7,567	52.4	56.6	-441
25 to 54 years	Partially engaged	3,115	21.4	22.1	3,157	21.8	22.4	-42
25 to 54 years	Disengaged	3,119	21.4	16.2	2,809	19.4	14.8	+310
25 to 54 years	Undetermined/Not stated	1,223	8.4	6.9	918	6.4	6.1	+305
25 to 54 years	Total	14,583	100.0	100.0	14,451	100.0	100.0	+132
55 to 64 years	Fully engaged	1,766	32.7	38.3	1,595	33.1	39.3	+171
55 to 64 years	Partially engaged	1,175	21.8	24.1	1,051	21.8	24.2	+124
55 to 64 years	Disengaged	2,066	38.3	31.3	1,940	40.2	31.0	+126
55 to 64 years	Undetermined/Not stated	393	7.3	6.3	240	5.0	5.5	+153
55 to 64 years	Total	5,400	100.0	100.0	4,826	100.0	100.0	+574
65 years and over	Fully engaged	230	2.8	5.3	166	2.3	4.7	+64
65 years and over	Partially engaged	398	4.8	8.4	333	4.5	7.5	+65
65 years and over	Disengaged	6,765	81.0	75.7	6,025	82.3	76.6	+740
65 years and over	Undetermined/Not stated	958	11.5	10.7	801	10.9	11.2	+157
65 years and over	Total	8,351	100.0	100.0	7,325	100.0	100.0	+1,026
Total aged 15+	Fully engaged	12,016	36.3	47.0	12,607	39.8	49.4	-591
Total aged 15+	Partially engaged	5,404	16.3	18.4	5,259	16.6	18.3	+145
Total aged 15+	Disengaged	12,615	38.1	27.3	11,505	36.4	25.5	+1,110
Total aged 15+	Undetermined/Not stated	3,038	9.2	7.3	2,278	7.2	6.8	+760
Total aged 15+	Total	33,073	100.0	100.0	31,649	100.0	100.0	+1,424

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

a Disengaged youth (aged 15-24 not employed or in education)

Disengaged persons by age, 2016



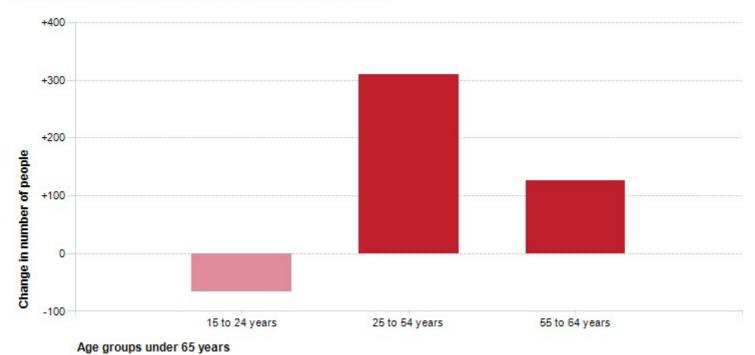


Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



Change in disengaged persons by age, 2011 to 2016

Rockingham (2021) - Total disengaged persons under 65 years



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



Emerging groups

The number of people aged 15 to 24 years in Rockingham (2021) in 2016 was 4,739, of this, 14.0% were disengaged and 15.1% were partially engaged, compared to 9.4% and 12.0% respectively for Greater Perth.

Between 2011 and 2016, the number of people 15 to 24 years in Rockingham (2021) showed a decrease of -308. The number of disengaged people aged 15 to 24 years showed a decrease of 66 or 9.0%.

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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 Rockingham (2021) include the Age Structure of the population, the level of Proficiency in English, Income and Education levels.

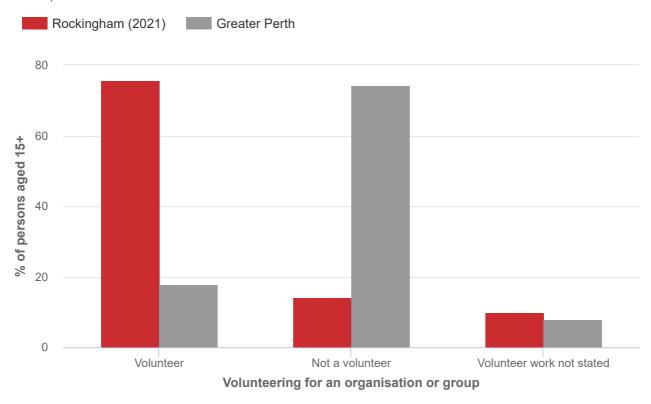
Volunteer work

Rockingham (2021) - Persons aged 15+ (Usual residence)		2016			2011		Change
Volunteer status	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Volunteer	25,101	75.9	17.9	4,216	13.2	15.6	+20,885
Not a volunteer	4,739	14.3	74.2	24,901	77.9	76.2	-20,162
Volunteer work not stated	3,244	9.8	7.9	2,860	8.9	8.2	+384
Total persons aged 15+	33,084	100.0	100.0	31,977	100.0	100.0	+1,107

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

Volunteer work, 2016

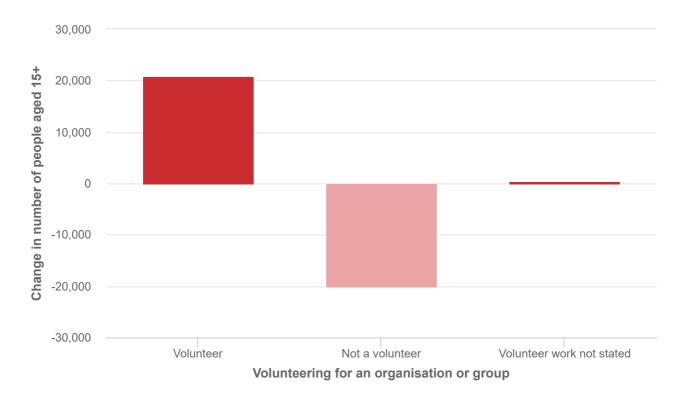
Total persons



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

Change in volunteer work, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Overall, 75.9% of the population reported performing voluntary work, compared with 17.9% for Greater Perth.

Emerging groups

The number of volunteers in Rockingham (2021) increased by 20,885 people between 2011 and 2016.

Unpaid domestic work

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

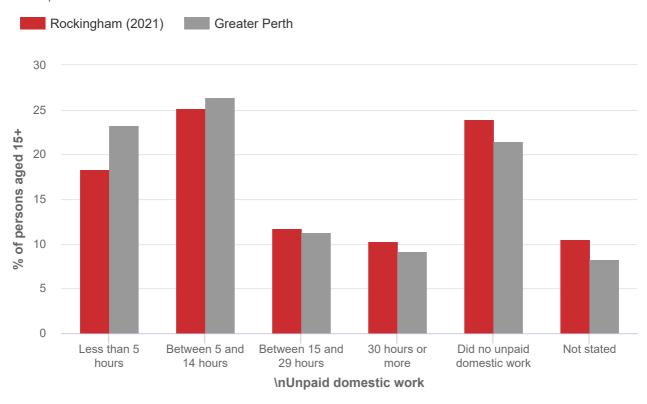
Unpaid domestic work

Rockingham (2021) - Persons aged 15+ (Usual residence)	2016			2011			Change
Hours spent on unpaid domestic work	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Did unpaid domestic work	0		70.2	21,459	67.1	70.6	-21,459
Less than 5 hours	6,090	18.4	23.3	6,007	18.8	23.1	+83
Between 5 and 14 hours	8,320	25.1	26.5	7,927	24.8	26.0	+393
Between 15 and 29 hours	3,882	11.7	11.3	3,799	11.9	11.6	+83
30 hours or more	3,390	10.2	9.1	3,726	11.7	10.0	-336
Did no unpaid domestic work	7,912	23.9	21.5	7,434	23.2	21.0	+478
Not stated	3,492	10.6	8.3	3,087	9.7	8.5	+405
Total persons aged 15+	33,086	100.0	100.0	31,980	100.0	100.0	+1,106

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

Unpaid domestic work, 2016

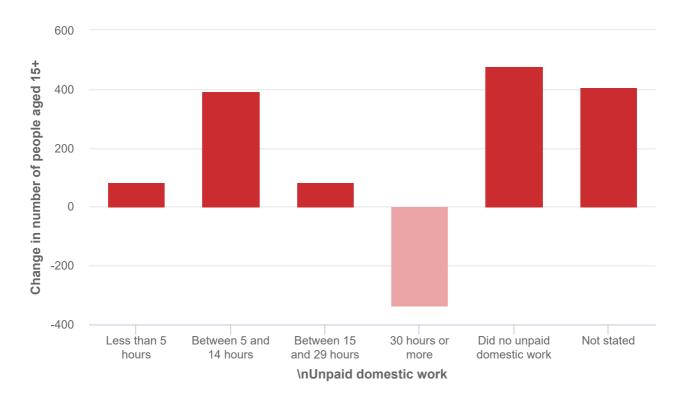
Total persons



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

Change in unpaid domestic work, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Overall, 22% of the population reported performing 15 hours or more of unpaid domestic work, compared with 20.4% for Greater Perth.

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

- A larger percentage of persons who did no unpaid domestic work (23.9% compared to 21.5%)
- A *smaller* percentage of persons who did domestic work (0.0% compared to 70.2%)
- A *smaller* percentage of persons who did between 5 and 14 hours of domestic work (18.4% compared to 23.3%)
- A *smaller* percentage of persons who did between 15 and 29 hours of domestic work (25.1% compared to 26.5%)

Emerging groups

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

- Did unpaid domestic work (-21,459 persons)
- Did no unpaid domestic work (+478 persons)
- Between 5 and 14 hours (+393 persons)
- 30 hours or more (-336 persons)

Unpaid care

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

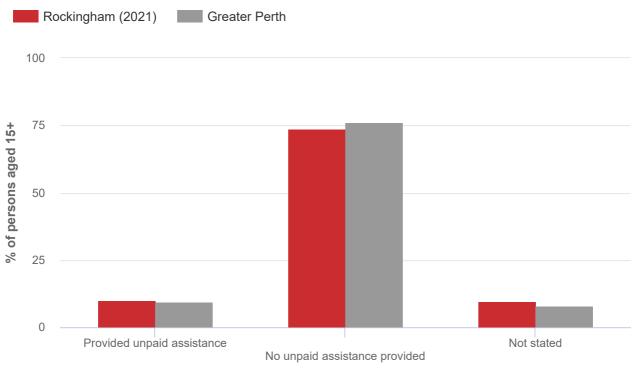
Unpaid care

Rockingham (2021) - Persons aged 15+ (Usual residence)	2016			2011			Change
Assistance to a person with a disability, long term illness or old age	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Provided unpaid assistance	3,583	10.8	9.9	3,321	10.4	9.4	+262
No unpaid assistance provided	26,016	78.7	81.6	25,572	80.0	82.1	+444
Not stated	3,479	10.5	8.5	3,075	9.6	8.5	+404
Total persons aged 15+	33,078	100.0	100.0	31,968	100.0	100.0	+1,110

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

Unpaid care, 2016

Total persons

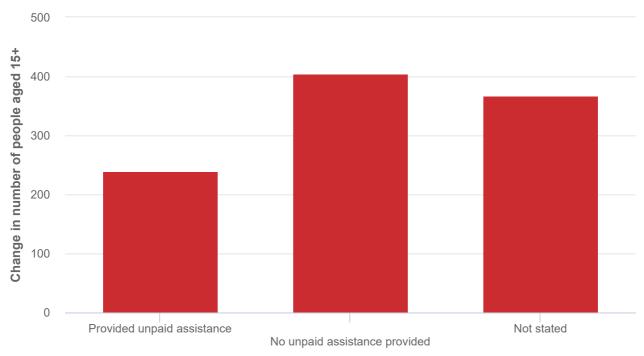


Unpaid assistance to a person with a disability, long term illness or old age

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

Change in unpaid care, 2011 to 2016

Rockingham (2021) - Total persons



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

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

Dominant groups

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

Overall, 10.8% of the population provided unpaid care, compared with 9.9% for Greater Perth.

Emerging groups

The number of people who provided unpaid assistance to a person with a disability, long term illness or old age in Rockingham (2021) increased by 262 between 2011 and 2016.

Unpaid childcare

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

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

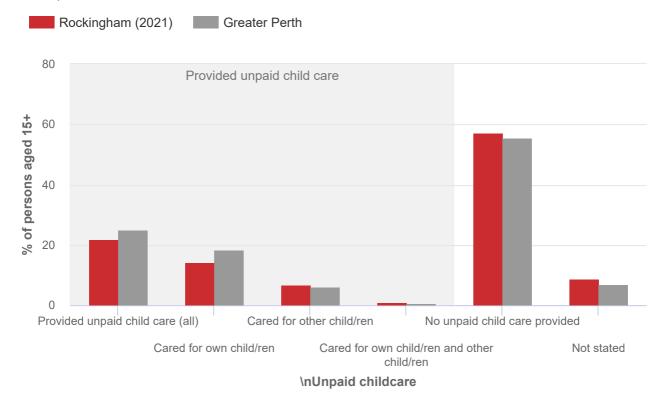
Unpaid childcare

Rockingham (2021) - Persons aged 15+ (Usual residence)		2016			2011		Change
Unpaid child care	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Provided unpaid child care (all)	8,228	24.9	28.7	8,064	25.2	28.2	+164
Cared for own child/ren	5,376	16.3	20.9	5,270	16.5	20.1	+106
Cared for other child/ren	2,573	7.8	7.1	2,524	7.9	7.1	+49
Cared for own child/ren and other child/ren	279	0.8	0.8	270	0.8	1.0	+9
No unpaid child care provided	21,543	65.1	63.2	21,111	66.0	63.9	+432
Not stated	3,311	10.0	8.0	2,803	8.8	7.9	+508
Total persons aged 15+	33,082	100.0	100.0	31,978	100.0	100.0	+1,104

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

Unpaid childcare, 2016

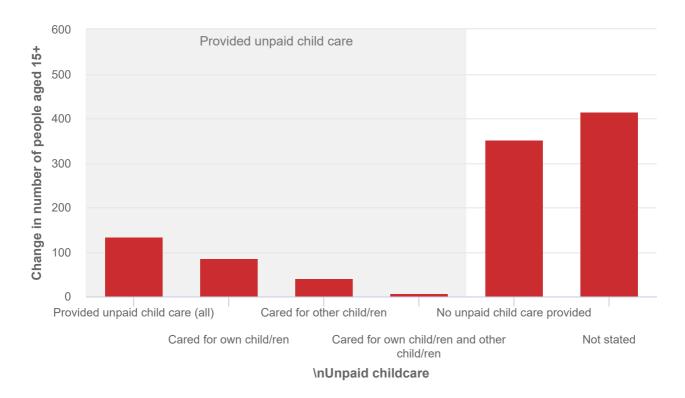
Total persons



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

Change in unpaid childcare, 2011 to 2016

Rockingham (2021) - Total persons



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

Dominant groups

Analysis of the unpaid child care provided by the population in Rockingham (2021) in 2016 compared to Greater Perth shows that there was a lower proportion of people who provided unpaid child care either to their own or to other children. Overall, 24.9% of the population provided unpaid child care, compared with 28.7% for Greater Perth.

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

- A larger percentage who did not provide care for children (65.1% compared to 63.2%)
- A *smaller* percentage who provided unpaid childcare for own child/ren (16.3% compared to 20.9%)

Emerging groups

The number of people who provided unpaid child care for their own and/or other people's children in Rockingham (2021) increased by 164 between 2011 and 2016.

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

- No unpaid child care provided (+432 persons)
- Cared for own child/ren (+106 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 Rockingham (2021). The amount of income an individual receives is linked to a number of factors including employment status, age (as for instance students and retirees often receive a lower income), qualifications and type of employment.

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

Weekly individual income

Rockingham (2021) - Persons aged 15+ (Usual residence)	2016			
Weekly gross income	Number	%	Greater Perth %	
Negative Income/ Nil income	2,988	9.0	10.7	
\$1 - \$149	1,303	3.9	4.4	
\$150 - \$299	2,556	7.7	6.5	
\$300 - \$399	3,490	10.5	7.2	
\$400 - \$499	3,066	9.3	6.9	
\$500 - \$649	2,551	7.7	6.7	
\$650 - \$799	2,098	6.3	6.4	
\$800 - \$999	2,277	6.9	7.4	
\$1,000 - \$1,249	2,428	7.3	8.5	
\$1,250 - \$1,499	1,769	5.3	6.2	
\$1,500 - \$1,749	1,429	4.3	5.5	
\$1,750 - \$1,999	1,076	3.3	4.0	
\$2,000 - \$2,999	1,780	5.4	6.8	
\$3,000 or more	812	2.5	4.3	
Not stated	3,458	10.5	8.6	
Total persons aged 15+	33,081	100.0	100.0	

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

Weekly individual income, 2016

Total persons



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

Dominant groups

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

Overall, 11.1% of the population earned a high income, and 40.5% earned a low income, compared with 15.1% and 35.7% respectively for Greater Perth.

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

- A *larger* percentage of persons who earned \$300 \$399 (10.5% compared to 7.2%)
- A larger percentage of persons who earned \$400 \$499 (9.3% compared to 6.9%)
- A smaller percentage of persons who earned \$3,000 or more (2.5% compared to 4.3%)
- A *smaller* percentage of persons who earned Negative Income/Nil income (9.0% compared to 10.7%)

Rockingham (2021) Individual income quartiles

Rockingham (2021)'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 <u>specific data</u> notes.

Individual income quartiles

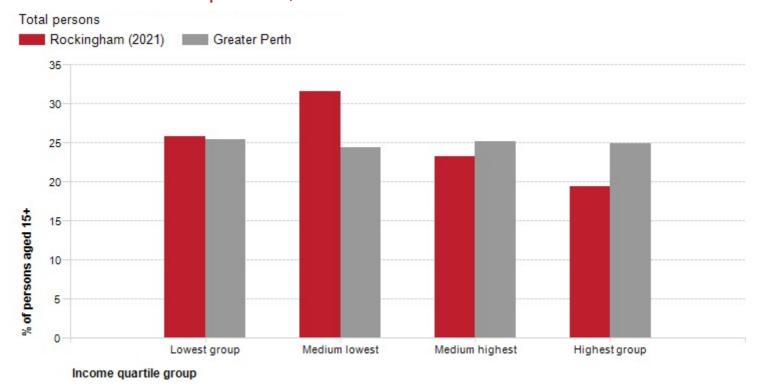
Rockingham (2021) - Persons aged 15+ (Usual residence)	2016				Change		
	Greater Perth						
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	7,644	25.8	25.4	7,728	26.4	25.1	-84
Medium lowest	9,348	31.6	24.4	9,028	30.8	24.5	+320
Medium highest	6,885	23.2	25.2	6,881	23.5	25.4	+4
Highest group	5,745	19.4	25.0	5,690	19.4	24.9	+54
Total persons aged 15+	29,623	100.0	100.0	29,328	100.0	100.0	+294

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

Individual income - Quartile group dollar ranges

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

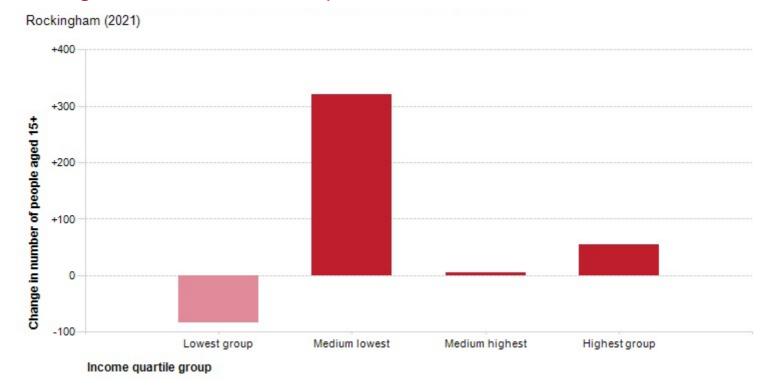
Individual income quartiles, 2016



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



Change in individual income quartiles, 2011 to 2016



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



Dominant groups

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

Emerging groups

The most significant change in Rockingham (2021) in persons between 2011 and 2016 was in the medium lowest quartile which showed an increase of 320 persons.

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Household income

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

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

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

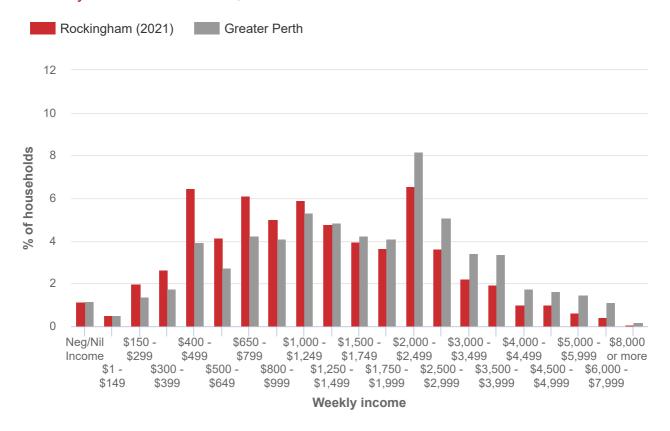
Weekly household income

Rockingham (2021) - Total households (Enumerated)		2016	
Weekly income	Number	%	Greater Perth %
Neg/Nil Income	240	1.6	1.6
\$1 - \$149	109	0.7	0.7
\$150 - \$299	421	2.7	1.9
\$300 - \$399	559	3.6	2.4
\$400 - \$499	1,372	8.9	5.4
\$500 - \$649	877	5.7	3.8
\$650 - \$799	1,296	8.4	5.8
\$800 - \$999	1,069	6.9	5.6
\$1,000 - \$1,249	1,254	8.1	7.3
\$1,250 - \$1,499	1,014	6.6	6.7
\$1,500 - \$1,749	839	5.4	5.8
\$1,750 - \$1,999	778	5.0	5.6
\$2,000 - \$2,499	1,396	9.0	11.3
\$2,500 - \$2,999	772	5.0	7.0
\$3,000 - \$3,499	472	3.0	4.7
\$3,500 - \$3,999	414	2.7	4.6
\$4,000 - \$4,499	210	1.4	2.4
\$4,500 - \$4,999	207	1.3	2.3
\$5,000 - \$5,999	127	0.8	2.0
\$6,000 - \$7,999	85	0.5	1.6
\$8,000 or more	12	0.1	0.2
Not stated	1,957	12.6	11.4
Total households	15,480	100.0	100.0

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

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

Weekly household income, 2016



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

Dominant groups

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

Overall, 14.9% of the households earned a high income and 23.1% were low income households, compared with 24.8% and 15.7% respectively for Greater Perth.

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

- A larger percentage of households who earned \$400 \$499 (8.9% compared to 5.4%)
- A larger percentage of households who earned \$650 \$799 (8.4% compared to 5.8%)
- A smaller percentage of households who earned \$2,000 \$2,499 (9.0% compared to 11.3%)
- A smaller percentage of households who earned \$2,500 \$2,999 (5.0% compared to 7.0%)

Rockingham (2021) Household income quartiles

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

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

Household income quartiles

Rockingham (2021) - Households (Enumerated)	2016				Change		
			Greater Perth			Greater Perth	
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	4,797	35.5	23.9	4,772	35.5	24.0	+25
Medium lowest	3,690	27.3	24.6	3,581	26.6	24.5	+109
Medium highest	2,912	21.5	25.2	2,979	22.1	25.4	-67
Highest group	2,122	15.7	26.2	2,117	15.7	26.1	+5
Total Households	13,522	100.0	100.0	13,451	100.0	100.0	+72

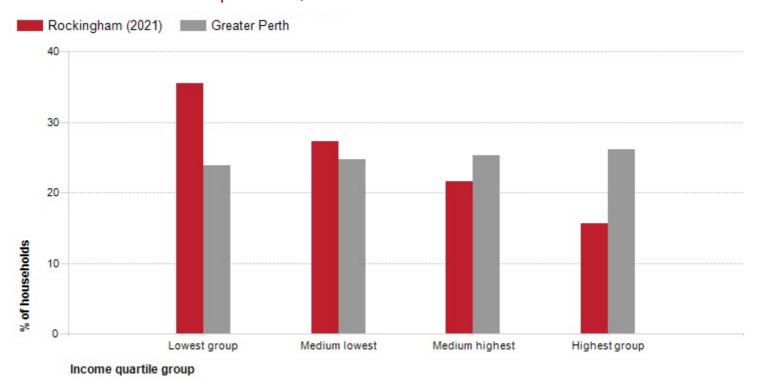
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented by id , the population experts.

Household income - Quartile group dollar ranges

Calculated from income data for WA Weekly income by Census year

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

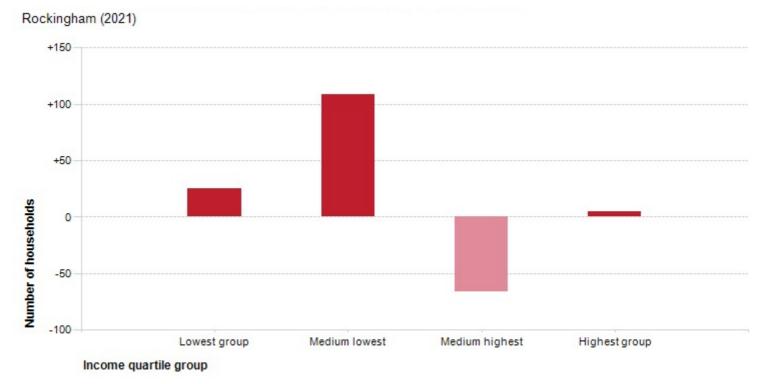
Household income quartiles, 2016



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



Change in household income quartile, 2011 to 2016



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



Dominant groups

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

Emerging groups

The most significant change in Rockingham (2021) between 2011 and 2016 was in the medium lowest quartile which showed an increase of 109 households.

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Rockingham (2021) Equivalised household income

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

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

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

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

Equivalised household income quartiles

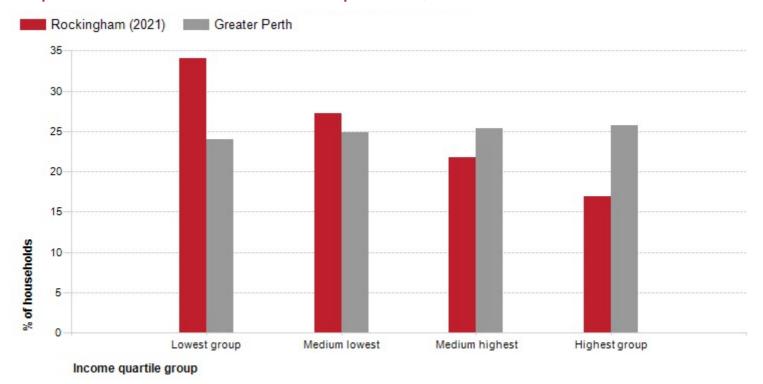
Rockingham (2021) - Households (Enumerated)	2016				Change		
Quartile group	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Lowest group	4,547	34.0	24.0	4,514	34.0	23.9	+33
Medium lowest	3,646	27.3	24.9	3,644	27.4	24.7	+3
Medium highest	2,914	21.8	25.3	2,852	21.5	25.6	+63
Highest group	2,269	17.0	25.8	2,269	17.1	25.8	0
Total Households	13,379	100.0	100.0	13,280	100.0	100.0	+99

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

Equivalised household income - Quartile group dollar ranges

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

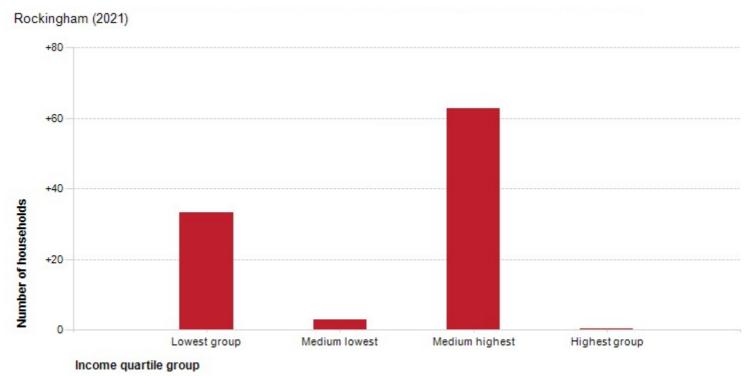
Equivalised household income quartiles, 2016



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



Change in equivalised household income quartiles, 2011 to 2016



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



Dominant groups

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

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

Emerging groups

The most significant change in Rockingham (2021) between 2011 and 2016 was in the medium highest quartile which showed an increase of 63 households.

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Household type

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

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

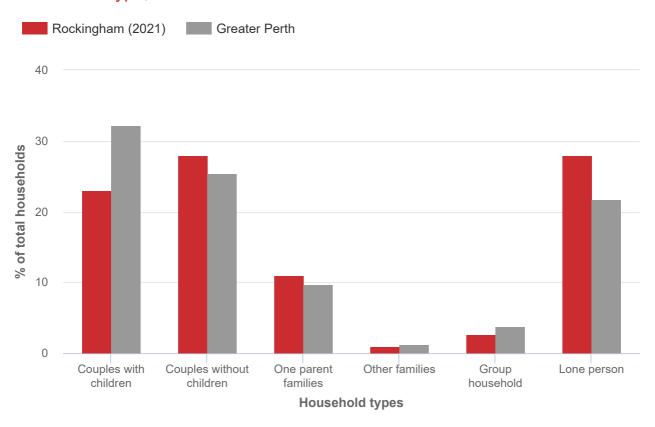
Household type

Rockingham (2021) - Total households (Enumerated)	2016				Change		
Households by type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples with children	3,768	23.1	32.3	3,775	23.6	31.6	-7
Couples without children	4,575	28.0	25.4	4,611	28.9	25.7	-36
One parent families	1,797	11.0	9.8	1,713	10.7	9.9	+84
Other families	152	0.9	1.3	144	0.9	1.4	+8
Group household	434	2.7	3.8	441	2.8	4.0	-7
Lone person	4,557	27.9	21.7	4,528	28.3	22.4	+29
Other not classifiable household	849	5.2	4.8	572	3.6	3.9	+277
Visitor only households	190	1.2	1.0	192	1.2	1.1	-2
Total households	16,322	100.0	100.0	15,976	100.0	100.0	+346

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

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

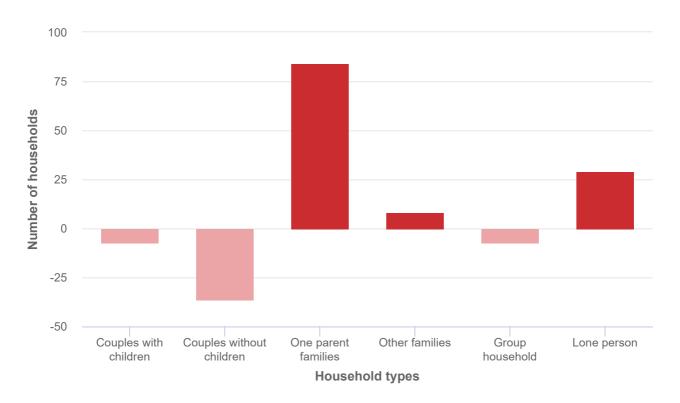
Household type, 2016



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

Change in household type, 2011 to 2016

Rockingham (2021)



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

Dominant groups

Analysis of the household/family types in Rockingham (2021) in 2016 compared to Greater Perth shows that there was a lower proportion of couple families with child(ren) as well as a higher proportion of one-parent families. Overall, 23.1% of total families were couple families with child(ren), and 11.0% were one-parent families, compared with 32.3% and 9.8% respectively for Greater Perth.

There were a higher proportion of lone person households and a higher proportion of couples without children. Overall, the proportion of lone person households was 27.9% compared to 21.7% in Greater Perth while the proportion of couples without children was 28.0% compared to 25.4% in Greater Perth.

Emerging groups

The number of households in Rockingham (2021) increased by 346 between 2011 and 2016.

The largest change in family/household types in Rockingham (2021) between 2011 and 2016 was:

• One parent families (+84 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 Rockingham (2021), life stage is based on the age of children in the household. The age of the parent(s) is not taken into account.

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

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

Households with children by life stage

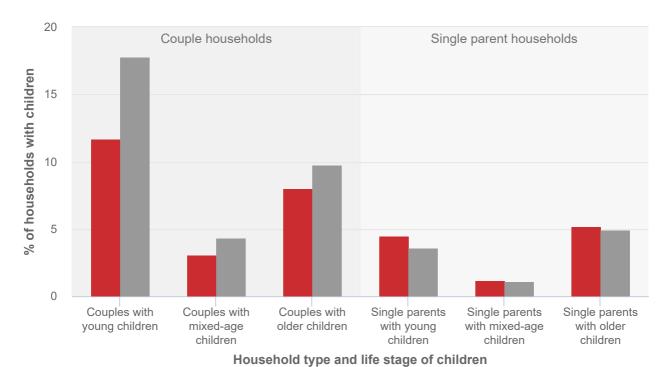
Rockingham (2021) - Households (Enumerated)		2016			2011		Change
Households with children	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples with children	3,768	23.1	32.3	3,775	23.6	31.6	-7
Couples with young children	1,934	11.8	18.0	1,997	12.5	17.3	-63
Couples with mixed-age children	506	3.1	4.4	562	3.5	4.6	-56
Couples with older children	1,328	8.1	9.9	1,216	7.6	9.7	+112
Single parents with children	1,797	11.0	9.8	1,713	10.7	9.9	+84
Single parents with young children	737	4.5	3.7	771	4.8	3.9	-34
Single parents with mixed-age children	194	1.2	1.1	196	1.2	1.2	-2
Single parents with older children	866	5.3	5.0	746	4.7	4.8	+120
Total households with children	5,565	34.1	42.1	5,488	34.4	41.5	+77
Total households	16,322	100.0	100.0	15,976	100.0	100.0	+346

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

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

Households with children, 2016

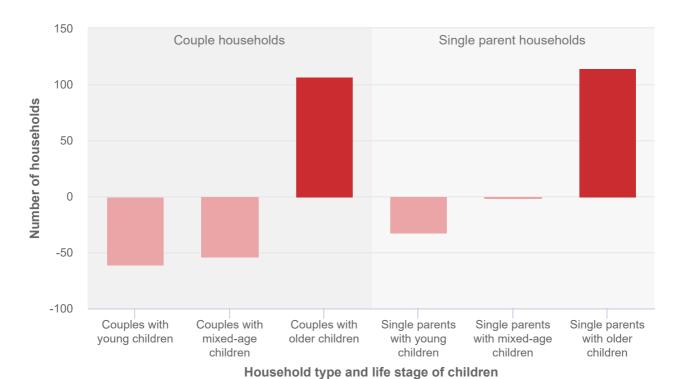




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

Change in households with children, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

Overall, 11.8% of total households with children were couple with young children, and 8.1% were couples with older children, compared with 18.0% and 9.9% respectively for Greater Perth.

There were a larger proportion of single parent households with young children and a similar proportion of single parent households with older children. Overall, the proportion of single parent households with young children was 4.5% compared to 3.7% in Greater Perth while the proportion of single parent households with older children was 5.3% compared to 5.0% in Greater Perth.

Emerging groups

Between 2011 and 2016, the number of households with children increased by 77 households or 1.4%.

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

- Single parents with older children (+120 households)
- Couples with older children (+112 households)
- Couples with young children (-63 households)
- Couples with mixed-age children (-56 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 Rockingham (2021), life stage is based on the age of the household reference person (usually person 1 on the Census form):

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

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

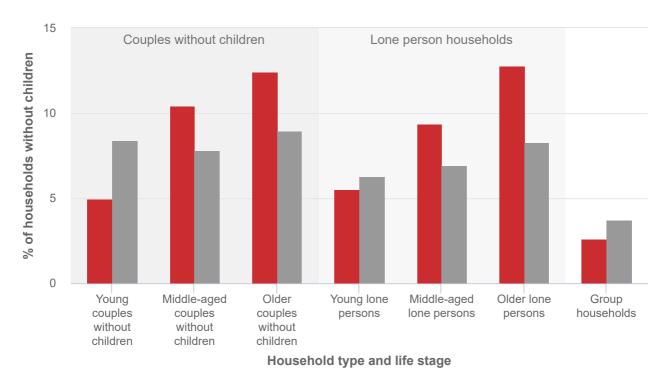
Households without children by life stage

Rockingham (2021) - Households (Enumerated)	2016				Change		
Households without children	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Couples without children	4,575	28.0	25.4	4,611	28.9	25.7	-36
Young couples without children	813	5.0	8.5	861	5.4	8.3	-48
Middle-aged couples without children	1,718	10.5	7.9	1,802	11.3	9.0	-84
Older couples without children	2,044	12.5	9.0	1,948	12.2	8.4	+96
Lone person households	4,557	27.9	21.7	4,528	28.3	22.4	+29
Young lone persons	913	5.6	6.3	1,054	6.6	6.9	-141
Middle-aged lone persons	1,546	9.5	7.0	1,420	8.9	7.5	+126
Older lone persons	2,098	12.9	8.4	2,054	12.9	8.0	+44
Group households	434	2.7	3.8	441	2.8	4.0	-7
Total households without children	9,566	58.6	50.9	9,580	60.0	52.1	-14
Total households	16,322	100.0	100.0	15,976	100.0	100.0	+346

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

Households without children, 2016

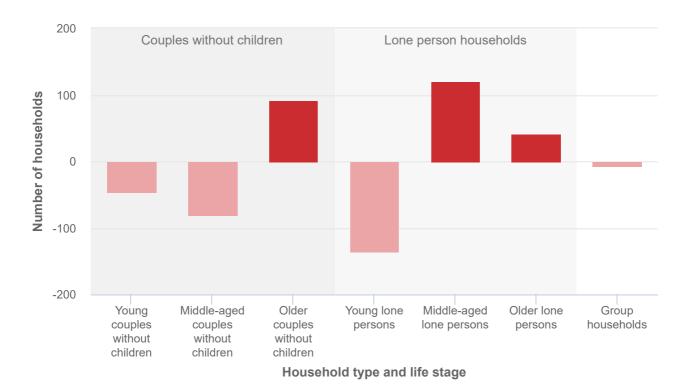




Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 (Enumerated data). Compiled and presented in profile.id by .id, the population experts.

Change in households without children, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

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

Emerging groups

Between 2011 and 2016, the number of households without children decreased by 14.

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

- Young lone persons (-141 persons)
- Middle-aged lone persons (+126 persons)
- Older couples without children (+96 persons)
- Middle-aged couples without children (-84 persons)

Household size

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

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

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

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

Household size

Rockingham (2021) - Households (Enumerated)	2016				Change		
Number of persons usually resident	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
1 person	4,558	29.8	23.0	4,542	29.8	23.6	+16
2 persons	5,697	37.2	33.4	5,768	37.9	34.0	-71
3 persons	2,213	14.5	16.8	2,094	13.7	16.3	+119
4 persons	1,774	11.6	17.0	1,801	11.8	16.5	-27
5 persons	694	4.5	6.7	710	4.7	6.6	-16
6 or more persons	358	2.3	3.1	318	2.1	2.9	+40
Total classifiable households	15,294	100.0	100.0	15,233	100.0	100.0	+61

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

Household size - Summary

Rockingham (2021) - Enumerated	2016				Change		
Dwellings	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Occupied private dwellings	16,327		 	15,989			+338
Persons in occupied private dwellings	37,037			36,621			+416
Average household size (persons per dwelling)	2.27		2.55	2.29		2.55	-0.02

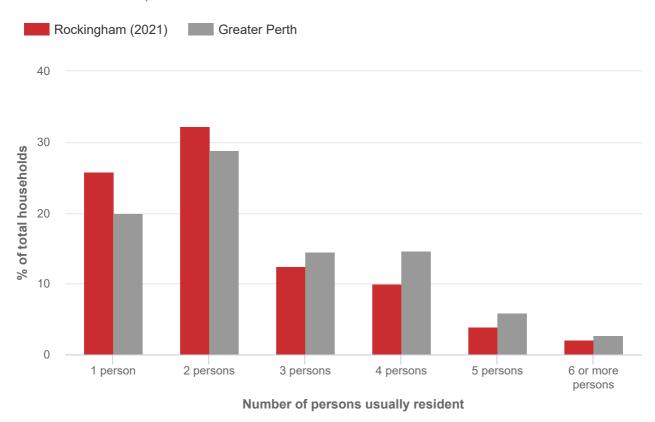
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016. Compiled and presented in profile.id by id , the population experts.

Please refer to specific data notes for more information

The 'Dwellings' table is enumerated data.

a Average household size

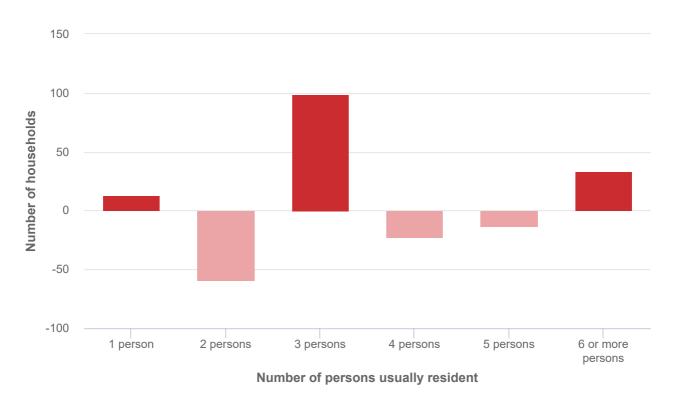
Household size, 2016



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

Change in household size, 2011 to 2016

Rockingham (2021)



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

Dominant groups

Analysis of the number of persons usually resident in a household in Rockingham (2021) compared with Greater Perth shows that there were a higher proportion of lone person households, and a lower proportion of larger households (those with 4 persons or more). Overall there were 29.8% of lone person households, and 18.5% of larger households, compared with 23.0% and 26.8% respectively for Greater Perth.

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

- A *larger* percentage of households with 1 person usually resident (29.8% compared to 23.0%)
- A larger percentage of households with 2 persons usually resident (37.2% compared to 33.4%)
- A smaller percentage of households with 4 persons usually resident (11.6% compared to 17.0%)
- A *smaller* percentage of households with 3 persons usually resident (14.5% compared to 16.8%)

Emerging groups

The number of households in Rockingham (2021) increased by 61 between 2011 and 2016.

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

- 3 persons (+119 households)
- 2 persons (-71 households)

Family blending

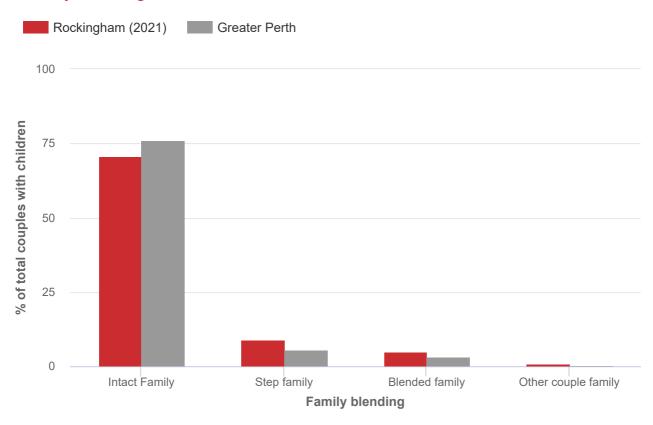
Information on blended and intact families can be an indicator of the level of family breakup and repartnering within the area, and a potential indicator of socio-economic disadvantage. Family blending only applies to couple families with children. For information more broadly about household and family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

Family blending

Rockingham (2021) - Total couples with children (Enumerated)	2016			2011			Change
Family blending by type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Intact Family	3,149	83.0	89.4	3,167	84.9	88.3	-18
Step family	396	10.4	6.5	386	10.3	7.3	+10
Blended family	213	5.6	3.6	171	4.6	4.0	+42
Other couple family	37	1.0	0.4	6	0.2	0.4	+31
Total couples with children	3,795	100.0	100.0	3,730	100.0	100.0	+65

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

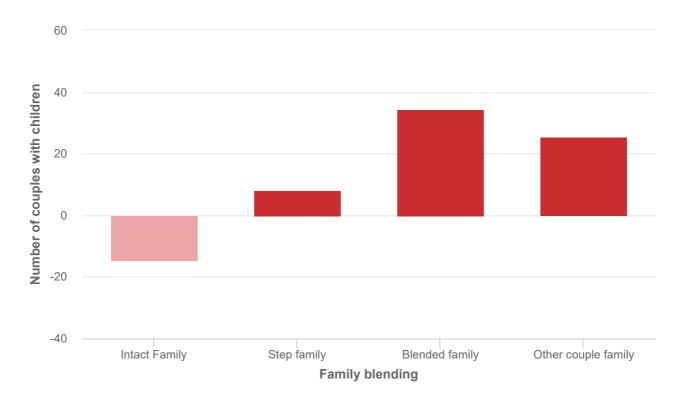
Family blending, 2016



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

Change in family blending, 2011 to 2016





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

Dominant groups

Analysis of the family blending in Rockingham (2021) in 2016 compared to Greater Perth shows that there was a higher proportion of step families as well as a higher proportion of blended families. Overall, 10.4% of total couple families with children were step families, and 5.6% were blended families, compared with 6.5% and 3.6% respectively for Greater Perth.

There were a higher proportion of other families and a lower proportion of couples without children. Overall, the proportion of other families was 1.0% compared to 0.4% in Greater Perth while the proportion of intact families was 83.0% compared to 89.4% in Greater Perth.

Emerging groups

The number of couple families with children in Rockingham (2021) increased by 65 between 2011 and 2016.

There were no major differences in Rockingham (2021) between 2011 and 2016.

Dwelling type

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

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

Dwelling structure

Rockingham (2021) - Dwellings (Enumerated)	2016			2011			Change
Dwelling type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Separate house	15,068	78.9	74.6	13,829	74.8	76.7	+1,239
Medium density	3,450	18.1	19.6	4,004	21.7	17.9	-554
High density	375	2.0	5.1	325	1.8	4.8	+50
Caravans, cabin, houseboat	150	0.8	0.3	298	1.6	0.4	-148
Other	45	0.2	0.2	22	0.1	0.1	+23
Not stated	15	0.1	0.2	8	0.0	0.1	+7
Total Private Dwellings	19,103	100.0	100.0	18,486	100.0	100.0	+617

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

Please refer to specific data notes for more information

Dwelling type

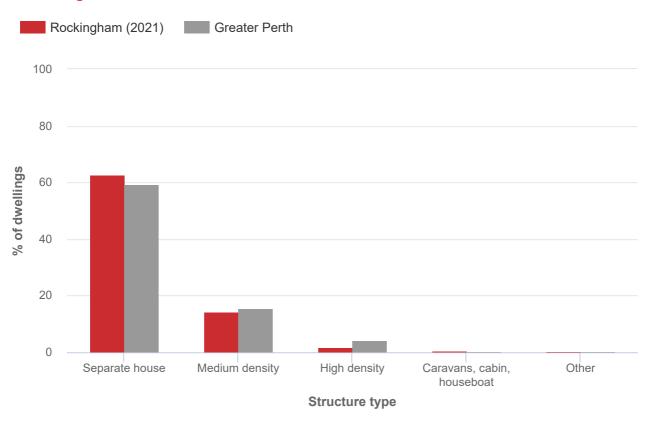
Rockingham (2021)	2016				Change		
Dwelling type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Occupied private dwellings	16,477	85.4	89.4	15,989	86.5	90.8	+488
Unoccupied private dwellings	2,772	14.4	10.5	2,482	13.4	9.1	+290
Non private dwellings	37	0.2	0.1	21	0.1	0.1	+16
Total dwellings	19,286	100.0	100.0	18,492	100.0	100.0	+794

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

- People in non-private dwellings
- Vacant dwellings

Please refer to the specific data notes for more information

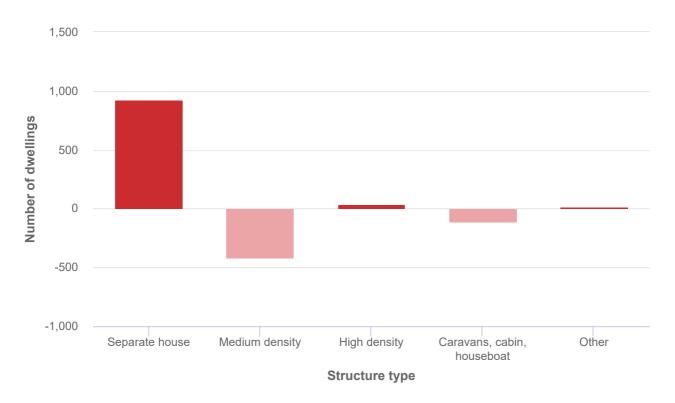
Dwelling structure, 2016



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

Change in dwelling structure, 2011 to 2016

Rockingham (2021)



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

Dominant groups

In 2016, there were 15,068 separate houses in the area, 3,450 medium density dwellings, and 375 high density dwellings.

Analysis of the types of dwellings in Rockingham (2021) in 2016 shows that 78.9% of all dwellings were separate houses; 18.1% were medium density dwellings, and 2.0% were in high density dwellings, compared with 74.6%, 19.6%, and 5.1% in the Greater Perth respectively.

In 2016, a total of 85.4% of the dwellings in Rockingham (2021) were occupied on Census night, compared to 89.4% in Greater Perth. The proportion of unoccupied dwellings was 14.4%, which is larger compared to that found in Greater Perth (10.5%).

Emerging groups

The total number of dwellings in Rockingham (2021) increased by 794 between 2011 and 2016.

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

- Separate house (+1,239 dwellings)
- Medium density (-554 dwellings)
- Caravans, cabin, houseboat (-148 dwellings)
- High density (+50 dwellings)

Rockingham (2021)

Number of bedrooms per dwelling

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

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

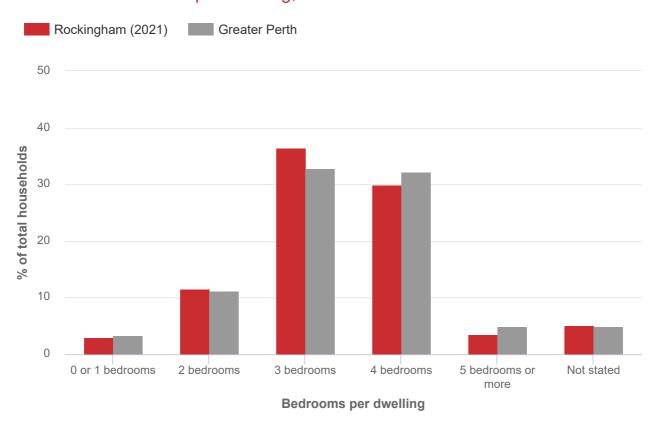
Number of bedrooms per dwelling

Rockingham (2021) - Households (Enumerated)	2011				Change		
Number of bedrooms	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2011
0 or 1 bedrooms	533	3.3	3.6	533	3.3	3.6	0
2 bedrooms	2,075	13.0	12.6	2,075	13.0	12.6	0
3 bedrooms	6,497	40.7	36.7	6,497	40.7	36.7	0
4 bedrooms	5,344	33.4	36.0	5,344	33.4	36.0	0
5 bedrooms or more	632	4.0	5.5	632	4.0	5.5	0
Not stated	900	5.6	5.5	900	5.6	5.5	0
Total households	15,981	100.0	100.0	15,981	100.0	100.0	0

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

Please refer to specific data notes for more information

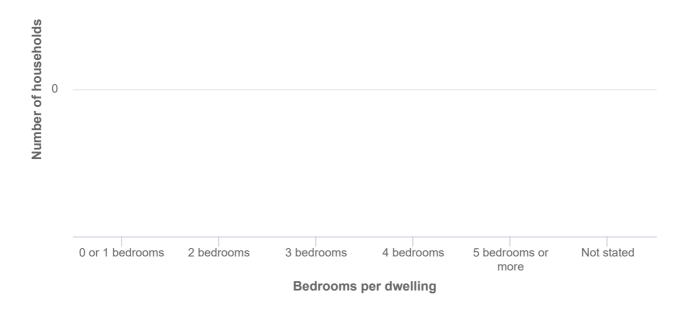
Number of bedrooms per dwelling, 2011



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

Change in number of bedrooms per dwelling, 2011 to 2011

Rockingham (2021)



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

Dominant groups

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

Overall, 16.3% of households were in dwellings with 2 bedrooms or less, and 37.4% of 4 or more bedroom dwellings, compared with 16.2% and 41.6% for Greater Perth respectively.

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

- A *larger* percentage of 3 bedroom dwellings (40.7% compared to 36.7%)
- A *smaller* percentage of 4 bedroom dwellings (33.4% compared to 36.0%)
- A smaller percentage of 5 or more bedroom dwellings (4.0% compared to 5.5%)

Emerging groups

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

Rockingham (2021)

Internet connection

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

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

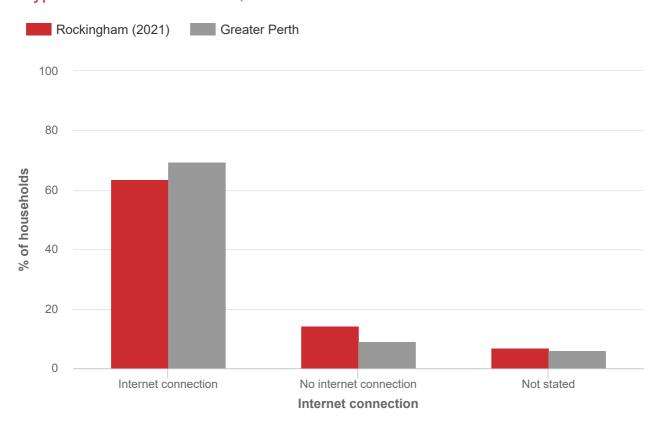
Type of internet connection

Rockingham (2021) - Households	2016				Change		
Connection type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Internet connection	12,274	75.2	82.3	11,066	69.3	77.0	+1,208
No internet connection	2,745	16.8	10.7	3,742	23.4	15.8	-997
Not stated	1,311	8.0	7.0	1,168	7.3	7.1	+143
Total households	16,330	100.0	100.0	15,976	100.0	100.0	+354

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

Please refer to specific data notes for more information

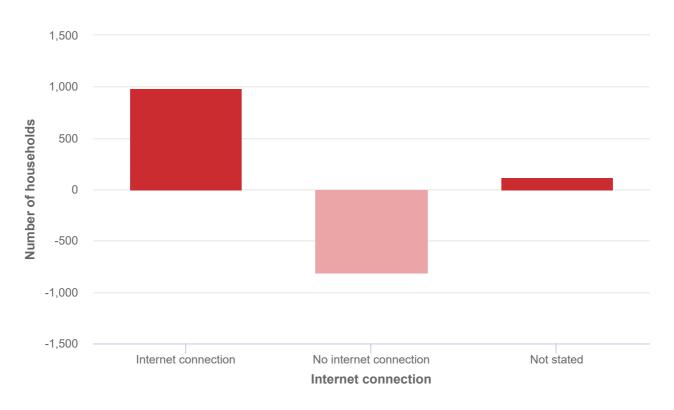
Type of internet connection, 2016



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

Change in type of internet connection, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

Overall 75.2% of households had an internet connection, compared with 82.3% in Greater Perth.

Emerging groups

Between 2011 and 2016 the number of households with an internet connection increased by 1,208.

Rockingham (2021)

Number of cars per household

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

Car ownership

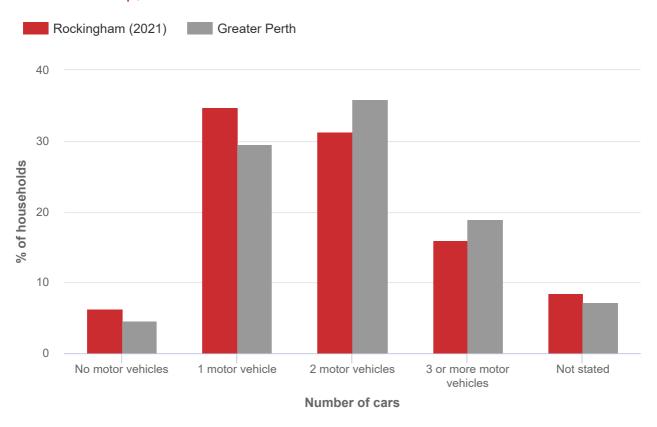
Rockingham (2021) - Households (Enumerated)	2016				Change		
Number of cars	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
No motor vehicles	1,064	6.5	4.7	1,284	8.0	6.0	-220
1 motor vehicle	5,854	35.8	30.7	6,055	37.9	32.0	-201
2 motor vehicles	5,278	32.3	37.3	5,227	32.7	37.1	+51
3 or more motor vehicles	2,706	16.6	19.7	2,290	14.3	18.4	+416
Not stated	1,430	8.8	7.5	1,112	7.0	6.5	+318
Total households	16,332	100.0	100.0	15,968	100.0	100.0	+364

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

Please refer to specific data notes for more information

People who travelled to work by car

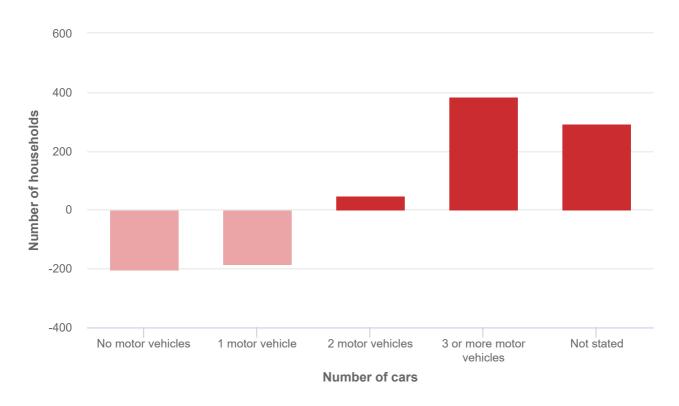
Car ownership, 2016



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

Change in car ownership, 2011 to 2016

Rockingham (2021)



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

Dominant groups

Analysis of the car ownership of the households in Rockingham (2021) in 2016 compared to Greater Perth shows that 84.7% of the households owned at least one car, while 6.5% did not, compared with 87.8% and 4.7% respectively in Greater Perth.

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

Overall, 35.8% of the households owned one car; 32.3% owned two cars; and 16.6% owned three cars or more, compared with 30.7%; 37.3% and 19.7% respectively for Greater Perth.

Emerging groups

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

- 3 or more motor vehicles (+416 households)
- No motor vehicles (-220 households)
- 1 motor vehicle (-201 households)
- 2 motor vehicles (+51 households)

Rockingham (2021)

Housing tenure

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

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

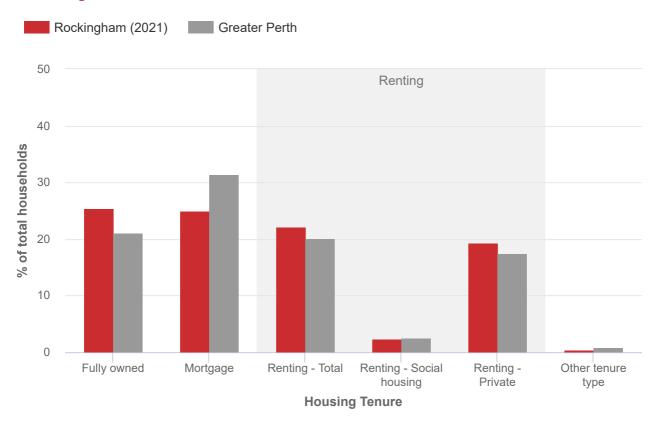
Housing tenure

Rockingham (2021) - Households (Enumerated)	2016				Change		
Tenure type	Number	%	Greater Perth %	Number	%	Greater Perth %	2011 to 2016
Fully owned	5,213	31.9	26.7	5,177	32.4	28.1	+36
Mortgage	5,135	31.4	39.7	4,873	30.5	38.0	+262
Renting - Total	4,570	28.0	25.5	4,880	30.5	26.7	-310
Renting - Social housing	503	3.1	3.1	518	3.2	3.6	-15
Renting - Private	3,989	24.4	22.0	4,246	26.5	22.6	-257
Renting - Not stated	78	0.5	0.4	116	0.7	0.5	-38
Other tenure type	99	0.6	1.0	90	0.6	1.1	+9
Not stated	1,316	8.1	7.1	980	6.1	6.1	+336
Total households	16,333	100.0	100.0	16,000	100.0	100.0	+333

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

Please refer to specific data notes for more information

Housing tenure, 2016



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

Change in housing tenure, 2011 to 2016

Rockingham (2021)



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

Dominant groups

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

Overall, 31.9% of households owned their dwelling; 31.4% were purchasing, and 28.0% were renting, compared with 26.7%, 39.7% and 25.5% respectively for Greater Perth.

Emerging groups

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

- Mortgage (+262 households)
- Renting Private (-257 households)

The total number of households in Rockingham (2021) increased by 333 between 2011 and 2016.

Rockingham (2021)

Housing loan repayments

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

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

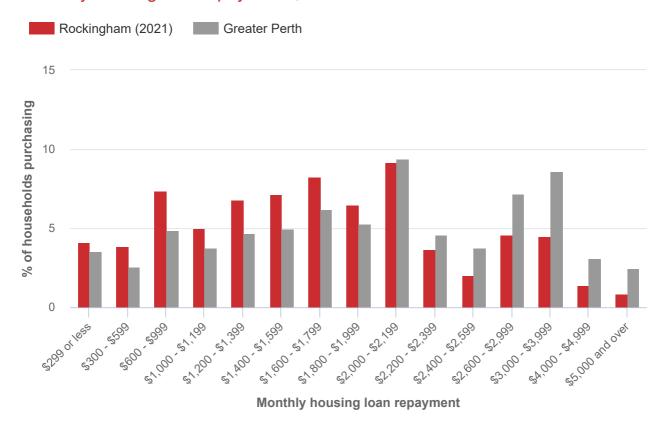
Monthly housing loan repayments

Rockingham (2021) - Households (Enumerated)		2016	
Monthly repayment amount	Number	%	Greater Perth %
\$299 or less	271	5.3	4.6
\$300 - \$599	255	4.9	3.3
\$600 - \$999	485	9.4	6.3
\$1,000 - \$1,199	329	6.4	4.8
\$1,200 - \$1,399	450	8.7	6.0
\$1,400 - \$1,599	472	9.2	6.4
\$1,600 - \$1,799	544	10.6	8.0
\$1,800 - \$1,999	429	8.3	6.8
\$2,000 - \$2,199	606	11.8	12.1
\$2,200 - \$2,399	243	4.7	5.9
\$2,400 - \$2,599	135	2.6	4.8
\$2,600 - \$2,999	302	5.9	9.2
\$3,000 - \$3,999	297	5.8	11.1
\$4,000 - \$4,999	93	1.8	4.0
\$5,000 and over	54	1.0	3.2
Not stated	191	3.7	3.7
Total	5,156	100.0	100.0

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

Please refer to specific data notes for more information

Monthly housing loan repayments, 2016



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

Dominant groups

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

Overall, 14.5% of households were paying high mortgage repayments, and 26.0% were paying low repayments, compared with 27.5% and 18.9% respectively in Greater Perth.

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

- A larger percentage of \$600 \$999 (9.4% compared to 6.3%)
- A *larger* percentage of \$1,400 \$1,599 (9.2% compared to 6.4%)
- A smaller percentage of \$3,000 \$3,999 (5.8% compared to 11.1%)
- A *smaller* percentage of \$2,600 \$2,999 (5.9% compared to 9.2%)

Rockingham (2021) Housing loan quartiles

Mortgage repayments in Rockingham (2021) 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 <u>specific</u> data notes.

Housing loan quartiles

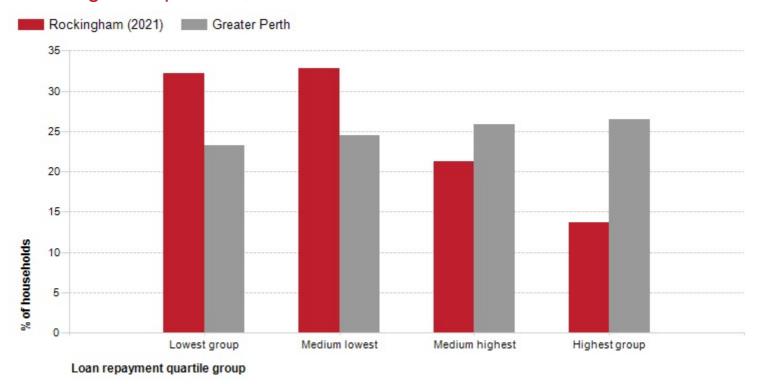
Rockingham (2021) - Households (Enumerated)	2016			2011			Change
			Greater Perth			Greater Perth	
Loan repayment quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	1,598	32.2	23.2	1,452	31.7	23.2	+147
Medium lowest	1,628	32.8	24.5	1,342	29.3	24.5	+286
Medium highest	1,056	21.3	25.9	1,119	24.4	25.8	-63
Highest group	681	13.7	26.5	671	14.6	26.5	+10
Total households with stated mortgage repayments	4,965	100.0	100.0	4,585	100.0	100.0	+380

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

Housing loan - Quartile group dollar ranges

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

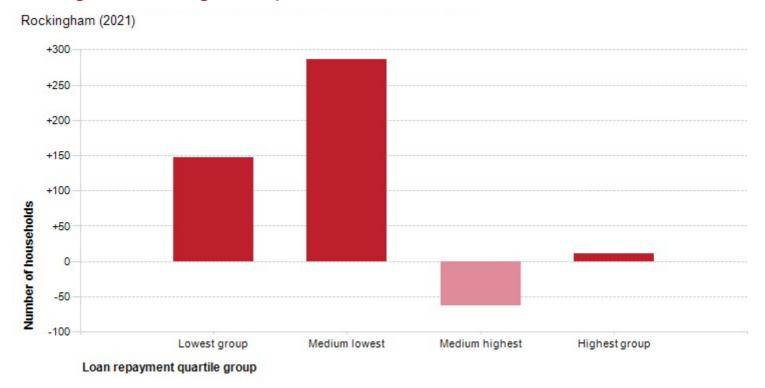
Housing loan quartiles, 2016



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



Change in housing loan quartiles, 2011 to 2016



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



Dominant groups

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

Emerging groups

The total number of households with a mortgage in Rockingham (2021) increased by 380 between 2011 and 2016. The most significant change in Rockingham (2021) during this period was in the medium lowest quartile which showed an increase of 286 households.

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Rockingham (2021)

Housing rental payments

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

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

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

Weekly housing rental payments

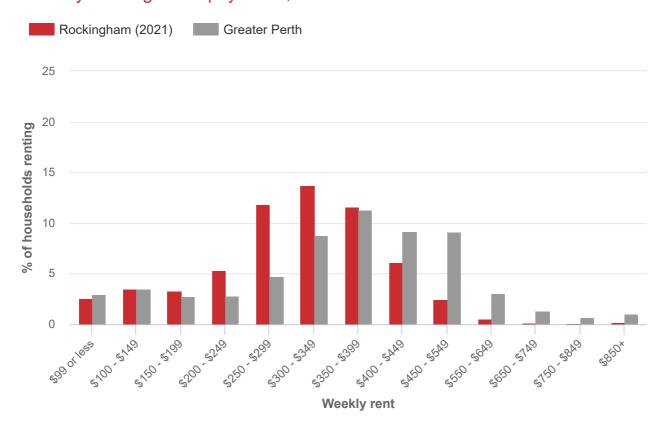
Rockingham (2021) - Households (Enumerated)		2016	
Weekly rental amount	Number	%	Greater Perth %
\$99 or less	185	4.1	4.7
\$100 - \$149	253	5.5	5.6
\$150 - \$199	241	5.3	4.4
\$200 - \$249	382	8.4	4.5
\$250 - \$299	857	18.8	7.5
\$300 - \$349	993	21.8	13.9
\$350 - \$399	838	18.4	18.0
\$400 - \$449	442	9.7	14.6
\$450 - \$549	176	3.9	14.5
\$550 - \$649	36	0.8	4.8
\$650 - \$749	8	0.2	2.0
\$750 - \$849	3	0.1	1.1
\$850+	15	0.3	1.6
Not stated	135	3.0	2.8
Total households renting	4,564	100.0	100.0

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

Please refer to specific data notes for more information

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

Weekly housing rental payments, 2016



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

Dominant groups

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

Overall, 5.2% of households were paying high rental payments, and 23.2% were paying low payments, compared with 24.0% and 19.1% respectively in Greater Perth.

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

- A *larger* percentage of \$250 \$299 (18.8% compared to 7.5%)
- A larger percentage of \$300 \$349 (21.8% compared to 13.9%)
- A smaller percentage of \$450 \$549 (3.9% compared to 14.5%)
- A smaller percentage of \$400 \$449 (9.7% compared to 14.6%)

Rockingham (2021) Housing rental quartiles

Rental payments in Rockingham (2021) 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

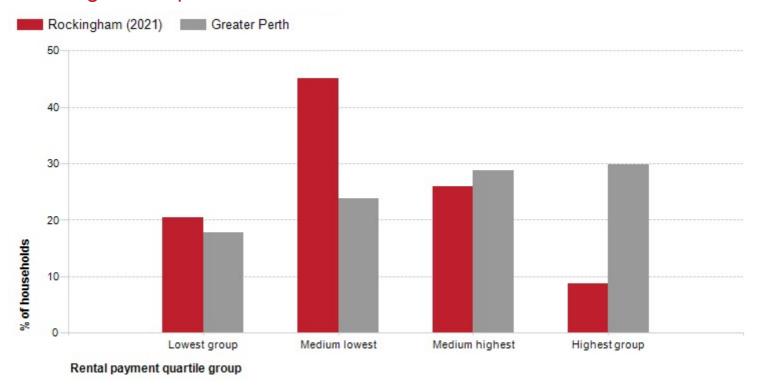
Rockingham (2021) - Households (Enumerated)	2016			2011			Change
			Greater Perth			Greater Perth	
Quartile group	Number	%	%	Number	%	%	2011 to 2016
Lowest group	900	20.3	17.7	908	19.4	17.6	-8
Medium lowest	1,997	45.1	23.8	2,182	46.7	23.4	-185
Medium highest	1,146	25.9	28.8	1,178	25.2	29.1	-33
Highest group	384	8.7	29.7	408	8.7	29.8	-23
Total households with stated rent	4,429	100.0	100.0	4,678	100.0	100.0	-249

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

Housing rental - Quartile group dollar ranges

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

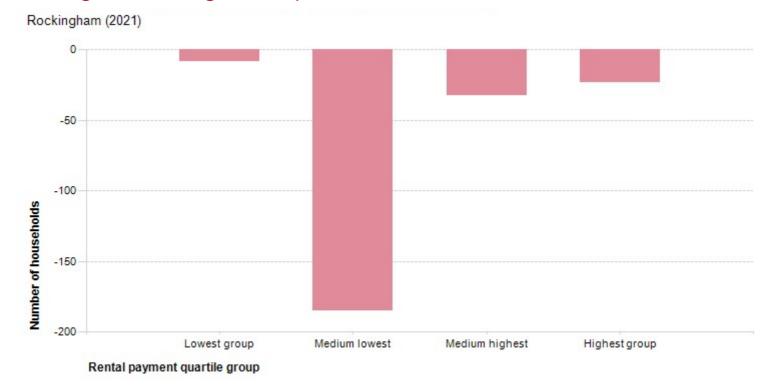
Housing rental quartiles for 2016



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



Change in housing rental quartiles, 2011 to 2016



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



Dominant groups

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

Emerging groups

The total number of households renting their dwelling in Rockingham (2021) decreased by 249 between 2011 and 2016. The most significant change during this period was in the medium lowest quartile which showed a slight decrease of -185 households.

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Western Australia Residential building approvals

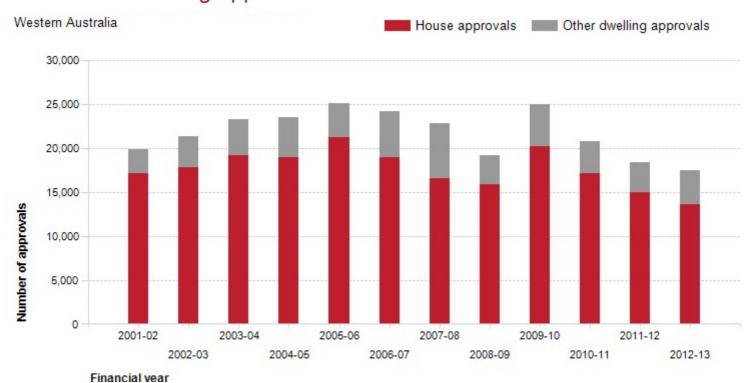
The Western Australia's building approvals are used as a leading indicator of the general level of residential development, economic activity, employment and investment. Residential building activity depends on many factors that vary with the state of the economy including interest rates, availability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

Residential building approvals

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

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

Residential building approvals



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



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Western Australia SEIFA by Local Government Area

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

Index of Relative Socio-Economic Disadvantage (IRSD)

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

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

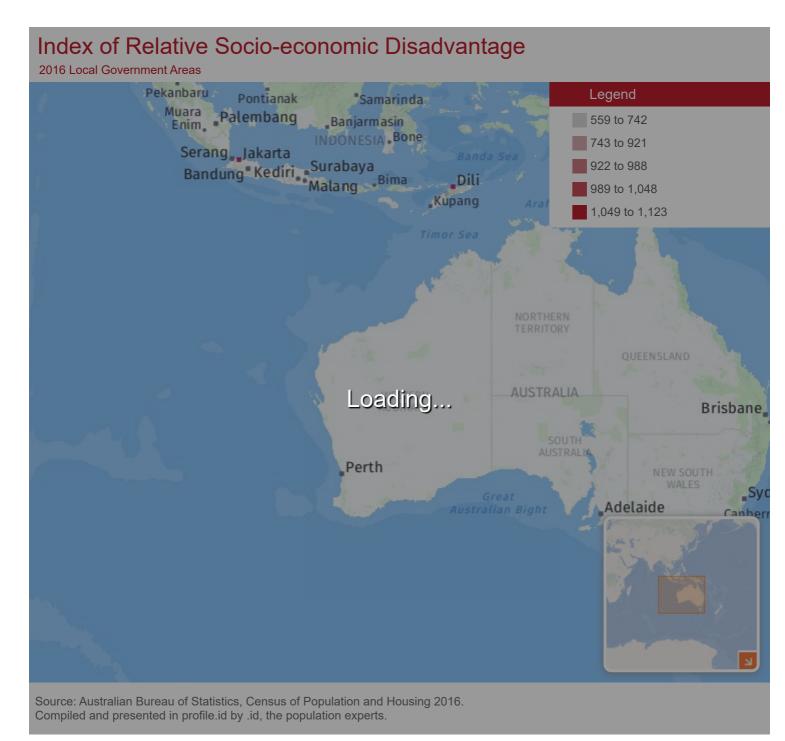
This index contains indicators of disadvantage (above) as well as additional indicators of advantage (e.g. professional occupations, high income, higher education levels, larger houses). Characteristics are also weighted differently than the IRSD, so areas do score differently on either measure.

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

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

A higher score on the index means a *lower* level of disadvantage. A lower score on the index means a *higher* level of disadvantage or, in the case of IRSAD, a higher level of advantage.

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



Local Government Areas in Western Australia

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

Local Government Areas in Western Australia

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

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

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Western Australia SEIFA by profile area

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

Index of Relative Socio-Economic Disadvantage (IRSD)

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

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

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

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

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

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

Index of Relative Socio-economic Disadvantage

Western Australia's small areas and benchmark areas

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

Western Australia's small areas and benchmark areas

Area	2016 index	Percentile
Scarborough (2021)	1,068.5	86
Scarborough	1,066.9	85
Riverton (2021)	1,066.7	85
Joondalup	1,065.1	85
Riverton	1,064.7	84
South Perth (2021)	1,064.6	84
South Perth	1,064.4	84
North Metropolitan Region (2021)	1,061.8	83
North Metropolitan Region	1,060.2	82
Perth (2021)	1,059.9	82
Perth	1,059.7	82
Burns Beach	1,058.3	81
andsdale (2021)	1,052.1	78
Cockburn (2021)	1,049.7	76
Vanneroo	1,049.4	76
Darling Range (2021)	1,049.3	76
Darling Range	1,048.1	75
Mount Lawley	1,045.6	74
Mount Lawley (2021)	1,045.6	74
Burns Beach (2021)	1,045.4	74
Vanneroo (2021)	1,038.8	69
Cockburn	1,036.6	68
Swan Hills (2021)	1,034.3	67
Swan Hills	1,033.2	66
Maylands	1,032.3	66
Maylands (2021)	1,032.3	66
Metropolitan District	1,029.7	63
Baldivis (2021)	1,029.7	63
South Metropolitan Region (2021)	1,029.2	63
South Metropolitan Region	1,029.0	63
Greater Perth	1,026.0	61
Balcatta	1,025.7	61
Southern River	1,025.2	61
Southern River (2021)	1,025.2	61
Baldivis	1,021.2	58
Pilbara (2021)	1,019.1	57
West Swan (2021)	1,018.6	56
/asse (2021)	1,016.8	55
/asse	1,016.8	55
Pilbara	1,015.2	54
Nestern Australia	1,015.0	54
NA	1,015.0	54
West Swan	1,014.9	54

Western Australia's small areas and benchmark areas

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

Western Australia's small areas and benchmark areas

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

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

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Western Australia About the community profile

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

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

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

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

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

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

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

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