# City of Armadale

#### 2011 Census results

Comparison year: 2006 Benchmark area: Greater Perth





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#### Table of contents

Estimated Resident Population (ERP)	2
Population highlights	4
About the areas	6
Five year age groups	9
Ancestry	12
Birthplace	15
Year of arrival in Australia	17
Proficiency in English	19
Language spoken at home	22
Religion	25
Qualifications	27
Highest level of schooling	29
Education institution attending	32
Need for assistance	35
Employment status	38
Industry sectors of employment	41
Occupations of employment	44
Method of travel to work	47
Volunteer work	49
Unpaid care	51
Individual income	53
Household income	55
Households summary	57
Household size	60
Dwelling type	63
Number of bedrooms per dwelling	65
Internet connection	67
Number of cars per household	69
Housing tenure	71
Housing loan repayments	73
Housing rental payments	75
SEIFA - disadvantage	79
About the community profile	80

### Estimated Resident Population (ERP)

The Estimated Resident Population is the OFFICIAL City of Armadale population for 2012.

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 NOT the official population of the City of Armadale. To provide a more accurate population figure which is updated more frequently than every five years, the Australian Bureau of Statistics also produces "Estimated Resident Population" (ERP) numbers for the City of Armadale.

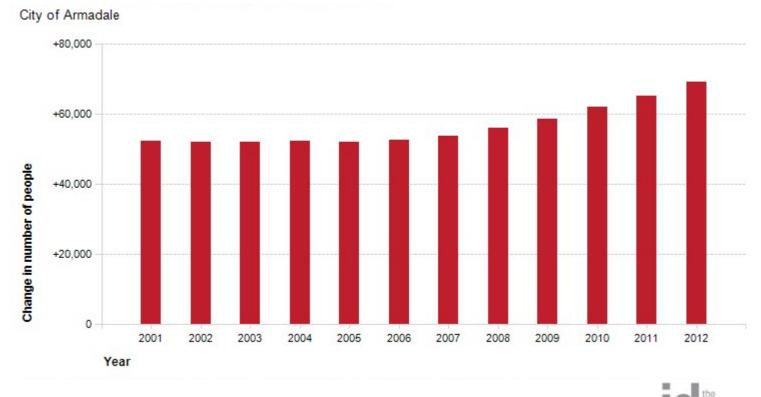
See <u>data notes</u> for a detailed explanation of different population types, how they are calculated and when to use each one.

#### Estimated Resident Population (ERP)

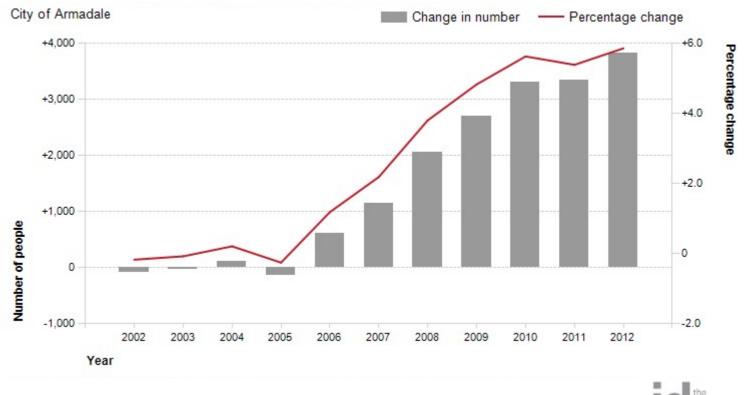
City of Armadale			
Year (ending June 30)	Number	Change in number	Change in percent
2001	52,273	-	
2002	52,182	-91	-0.17
2003	52,141	-41	-0.08
2004	52,249	+108	+0.21
2005	52,114	-135	-0.26
2006	52,732	+618	+1.19
2007	53,886	+1,154	+2.19
2008	55,937	+2,051	+3.81
2009	58,640	+2,703	+4.83
2010	61,942	+3,302	+5.63
2011	65,281	+3,339	+5.39
2012	69,108	+3,827	+5.86

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)



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



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

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### Population highlights

2011	City of Armadale	Greater Perth	Western Australia	Australia
Median age	34	36	36	37
Median weekly household income	\$1,309	\$1,459	\$1,415	\$1,234
Couples with children	32%	32%	31%	31%
Older couples without children	8%	8%	8%	9%
Medium and high density Housing	11%	23%	20%	25%
Households with a mortgage	46%	38%	36%	33%
<u>Median weekly</u> rent	\$290	\$320	\$300	\$285
Households renting	22%	27%	28%	29%
<u>Non-English</u> speaking backgrounds	10%	17%	14%	16%
<u>University</u> attendance	3%	5%	4%	4%
Bachelor or Higher degree	11%	20%	18%	19%
Vocational	24%	19%	19%	18%
<u>Public transport</u> (to work)	8%	10%	9%	10%

<u>Unemployment</u>	6%	5%	5%	6%
<u>SEIFA index of</u> disadvantage 2011	996	1033	1021	1002

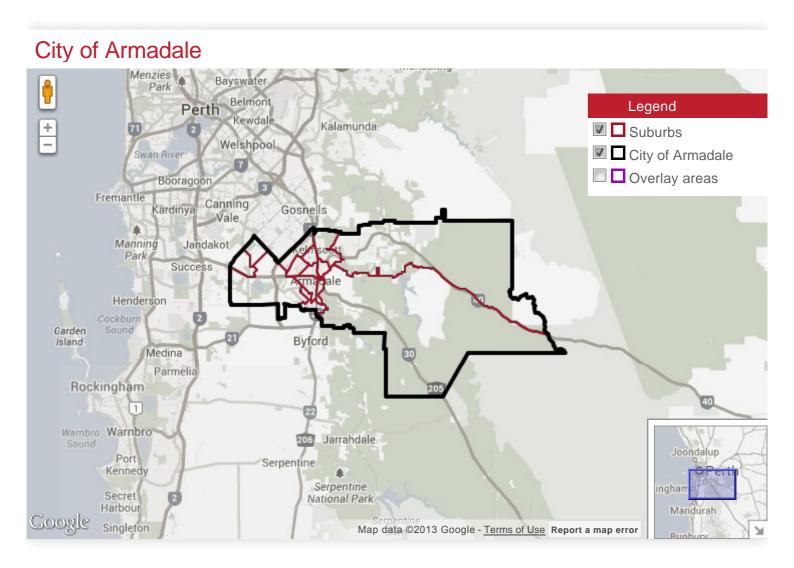
#### About the area Location and boundaries

The City of Armadale is located in Perth's south-east suburbs, about 28 kilometres from the Perth CBD. The City of Armadale is bounded by the City of Gosnells and the Shire of Kalamunda in the north, the Shires of York and Beverley in the east, the Shire of Wandering and Serpentine Jarrahdale Shire in the south and the City of Cockburn in the west.

### Name origin

Armadale is thought to be named after a place in Scotland.





### Settlement history

European settlement dates from 1830 when the township of Kelmscott was established. Land was used mainly for timber-cutting, orcharding, dairying, market gardening and brick-making. The township of Armadale was established in the 1850s. Growth took place in the 1890s and early 1900s, particularly in Armadale and Kelmscott, spurred by the construction of the south western railway (Perth to Bunbury) in 1893. Expansion continued in the interwar period, accompanied by the construction of dams in the 1920s and 1930s. Significant development occurred during the immediate post-war period, aided by immigration and the construction of public housing. Rapid growth took place during the late 1960s and 1970s, with the population increasing from about 6,000 in 1956 to about 35,000 in 1979. Growth continued during the 1980s, with the population rising to about 44,000 in 1986. The population increased slightly during the 1990s, rising to nearly 50,000 in 2001. The population was relatively stable between 2001 and 2006, and then increased substantially to about 61,000 in 2011. Growth is expected to continue, largely from residential developments in the suburbs of Brookdale, Champion Lakes, Harrisdale, Piara Waters and Seville Grove.

I and use

Agricultural

Residential

Parkland

Other

#### Land use

The City of Armadale is a residential, semi-rural and rural area. The main urban areas are in and around the suburb of Armadale, including the foothills of Kelmscott, Mount Nasura, Mount Richon, Seville Grove and Westfield. The City encompasses a total land area of 545 square kilometres, including many parks, reserves and state forests.

#### Transport

The City of Armadale is served by the Albany Highway, the Brookton Highway, the Tonkin Highway and the Armadale railway line.

#### Major features

Major features of the City include Armadale City Centre, Kelmscott Town Centre, Canning Reservoir, Churchman Brook Reservoir, Wungong Reservoir, Darling Range National Park, Midgegooroo National Park, Wungong Regional Park, Jandakot Regional Park, Bungedore Park, Champion Lakes Recreational Park, Minnawarra Park, Forrestdale Lake, Armadale Aquatic Centre, Armadale Arena, Armadale-Kelmscott Memorial Hospital and Polytechnic West (Armadale Campus).

#### Indigenous background

The original inhabitants of the Armadale area were the Noongar Aboriginal people.

#### Included areas

The City of Armadale includes the suburbs and localities of Armadale, Ashendon, Bedfordale, Brookdale, Camillo, Champion Lakes, Forrestdale, Harrisdale, Haynes, Hilbert, Karragullen, Kelmscott, Lesley, Mount Nasura, Mount Richon, Piara Waters, Roleystone, Seville Grove and Wungong.

#### Five year age groups

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

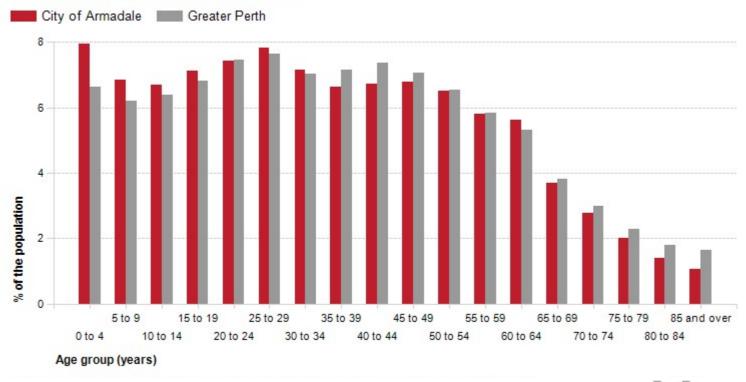
Five year age groups present a classic age profile of the population. Each age group covers exactly five years, which enables direct comparison between each group.

To get a more complete picture the City of Armadale's Age Structure should be viewed in conjunction with <u>Household</u> <u>Types</u> and <u>Dwelling Types</u>.

City of Armadale		2011			2006		Change
Five year age groups (years)	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
0 to 4	4,943	7.9	6.6	3,438	6.8	6.1	+1,505
5 to 9	4,258	6.8	6.2	3,575	7.1	6.4	+683
10 to 14	4,167	6.7	6.4	4,044	8.0	6.9	+123
15 to 19	4,442	7.1	6.8	4,043	8.0	7.3	+399
20 to 24	4,627	7.4	7.5	3,460	6.8	7.3	+1,167
25 to 29	4,882	7.8	7.7	2,897	5.7	6.5	+1,985
30 to 34	4,446	7.1	7.0	3,056	6.0	7.0	+1,390
35 to 39	4,126	6.6	7.2	3,456	6.8	7.5	+670
40 to 44	4,191	6.7	7.4	3,585	7.1	7.5	+606
45 to 49	4,223	6.8	7.1	3,715	7.4	7.4	+508
50 to 54	4,057	6.5	6.5	3,568	7.1	6.8	+489
55 to 59	3,624	5.8	5.8	3,535	7.0	6.3	+89
60 to 64	3,499	5.6	5.3	2,468	4.9	4.6	+1,031
65 to 69	2,307	3.7	3.8	1,899	3.8	3.6	+408
70 to 74	1,725	2.8	3.0	1,396	2.8	2.9	+329
75 to 79	1,244	2.0	2.3	1,115	2.2	2.5	+129
80 to 84	872	1.4	1.8	703	1.4	1.8	+169
85 and over	663	1.1	1.6	585	1.2	1.5	+78
Total	62,296	100.0	100.0	50,538	100.0	100.0	+11,758

#### Age structure - Five year age groups

#### Five year age structure, 2011

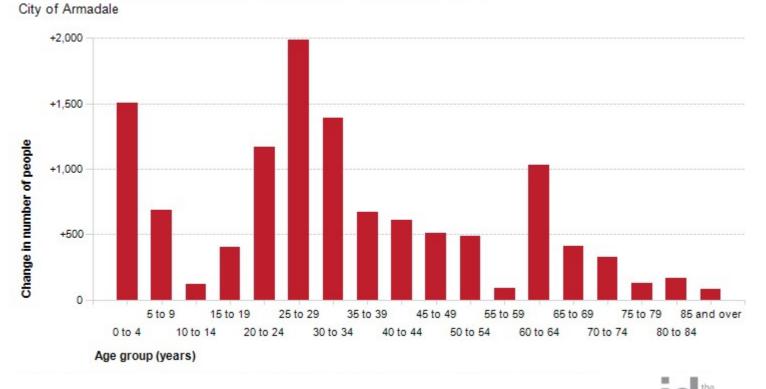


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



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### Change in five year age structure, 2006 to 2011



Analysis of the five year age groups of the City of Armadale in 2011 compared to Greater Perth shows that there was a higher proportion of people in the younger age groups (under 15) and a lower proportion of people in the older age groups (65+).

Overall, 21.5% of the population was aged between 0 and 15, and 10.9% were aged 65 years and over, compared with 19.2% and 12.5% respectively for Greater Perth.

The major differences between the age structure of the City of Armadale and Greater Perth were:

- A larger percentage of persons aged 0 to 4 (7.9% compared to 6.6%)
- A *larger* percentage of persons aged 5 to 9 (6.8% compared to 6.2%)
- A smaller percentage of persons aged 40 to 44 (6.7% compared to 7.4%)
- A smaller percentage of persons aged 85 and over (1.1% compared to 1.6%)

#### Emerging groups

From 2006 to 2011, City of Armadale's population increased by 11,758 people (23.3%). This represents an average annual population change of 4.27% per year over the period.

The largest changes in age structure in this area between 2006 and 2011 were in the age groups:

- 25 to 29 (+1,985 persons)
- 0 to 4 (+1,505 persons)
- 30 to 34 (+1,390 persons)
- 20 to 24 (+1,167 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 the City of Armadale regardless of where they were born or what language they speak.

Ancestry data, should be combined with data on <u>Birthplace</u>, <u>Language Spoken at Home</u> and <u>Religion</u> for a more complete picture of the City of Armadale's ethnic characteristics.

#### Ancestry - ranked by size

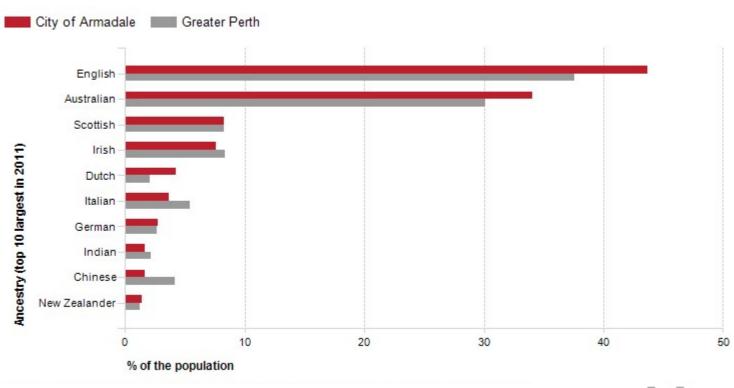
City of Armadale		2011			2006		Change
Ancestry	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
English	27,229	43.7	37.6	22,892	45.3	37.3	+4,337
Australian	21,199	34.0	30.1	18,346	36.3	33.6	+2,853
Scottish	5,171	8.3	8.3	4,047	8.0	7.9	+1,124
Irish	4,728	7.6	8.3	3,754	7.4	8.0	+974
Dutch	2,643	4.2	2.1	2,528	5.0	2.1	+115
Italian	2,256	3.6	5.4	1,824	3.6	5.7	+432
German	1,702	2.7	2.7	1,414	2.8	2.7	+288
Indian	1,037	1.7	2.2	318	0.6	1.4	+719
Chinese	1,028	1.7	4.2	345	0.7	3.6	+683
New Zealander	878	1.4	1.2	629	1.2	1.1	+249

Excludes ancestries with fewer than 20 responses, or less than 0.1% of the total population.

#### Ancestry - totals

City of Armadale	2011				Change		
Ancestry totals	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Not stated	4,550	7.3	6.9	4,055	8.0	8.2	+495
Total People	62,296	100.0	100.0	50,529	100.0	100.0	+11,767
Total responses	82,232			66,312			+15,920

#### Ancestry, 2011

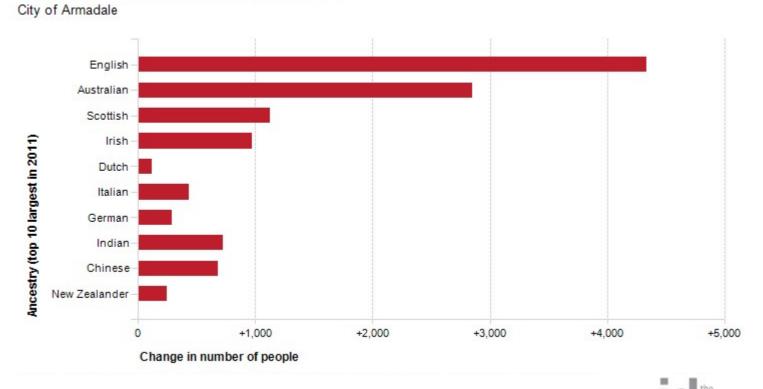


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



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### Change in ancestry, 2006 to 2011



Analysis of the ancestry responses of the population in City of Armadale in 2011 shows that the top five ancestries nominated were:

- English (27,229 people or 43.7%)
- Australian (21,199 people or 34.0%)
- Scottish (5,171 people or 8.3%)
- Irish (4,728 people or 7.6%)
- Dutch (2,643 people or 4.2%)

In combination these five ancestries account for 60,970 responses in total, or 97.87% of all responses.

The major differences between the ancestries of the population in the City of Armadale and Greater Perth were:

- A *larger* percentage of people with English ancestry (43.7% compared to 37.6%)
- A larger percentage of people with Australian ancestry (34.0% compared to 30.1%)
- A *larger* percentage of people with Dutch ancestry (4.2% compared to 2.1%)
- A smaller percentage of people with Chinese ancestry (1.7% compared to 4.2%)

#### Emerging groups

The largest changes in the reported ancestries of the population in this area between 2006 and 2011 were:

- English (+4,337 persons)
- Australian (+2,853 persons)
- Scottish (+1,124 persons)
- Irish (+974 persons)

#### Birthplace

Country of Birth data identifies where people were born and is indicative of the level of cultural diversity in the City of Armadale. 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, the City of Armadale's Country of Birth data should be viewed together with Ancestry, Language Spoken at Home and Religion.

#### Birthplace - ranked by size

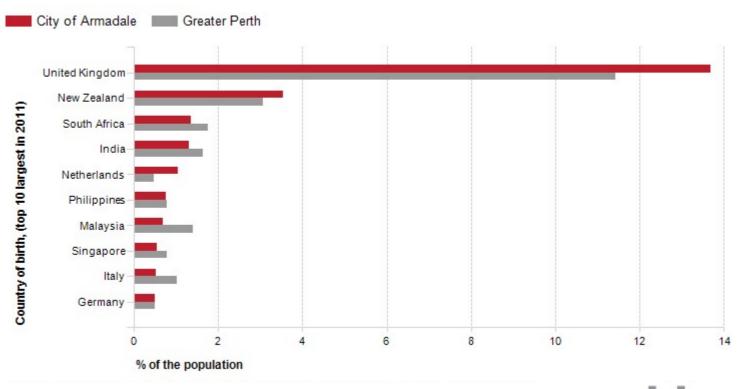
City of Armadale		2011			2006		Change
Country of birth	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
United Kingdom	8,522	13.7	11.4	8,284	16.4	11.9	+238
New Zealand	2,200	3.5	3.1	1,344	2.7	2.4	+856
South Africa	841	1.4	1.7	309	0.6	1.3	+532
India	811	1.3	1.6	307	0.6	0.9	+504
Netherlands	649	1.0	0.5	708	1.4	0.5	-59
Philippines	476	0.8	0.8	160	0.3	0.4	+316
Malaysia	431	0.7	1.4	185	0.4	1.3	+246
Singapore	335	0.5	0.8	110	0.2	0.7	+225
Italy	320	0.5	1.0	326	0.6	1.2	-6
Germany	310	0.5	0.5	296	0.6	0.5	+14

Excludes countries with fewer than 20 people, or less than 0.1% of the total population.

#### Birthplace - summary

City of Armadale		2011			2006		Change
Birthplace	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Total Overseas born	18,641	29.9	34.4	14,237	28.2	30.9	+4,404
Non-English speaking backgrounds	6,475	10.4	16.7	3,771	7.5	14.2	+2,704
Main English speaking countries	12,166	19.5	17.7	10,466	20.7	16.7	+1,700
Australia	39,618	63.6	59.7	32,742	64.8	62.0	+6,876
Not Stated	4,039	6.5	5.9	3,558	7.0	7.2	+481
Total Population	62,298	100.0	100.0	50,537	100.0	100.0	+11,761

### Country of birth, 2011



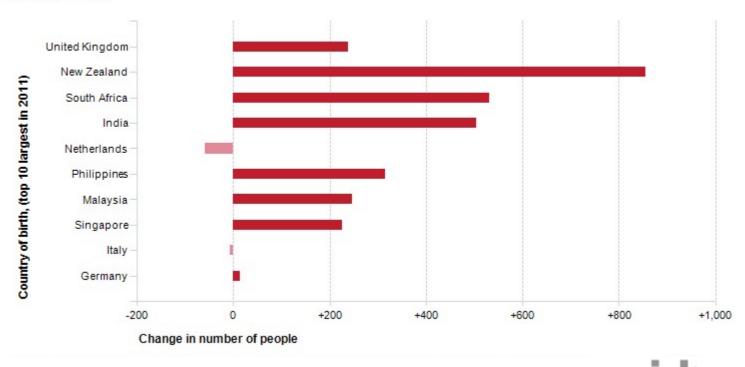
Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



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### Change in country of birth, 2006 to 2011





Analysis of the country of birth of the population in the City of Armadale in 2011 compared to Greater Perth shows that there was a smaller proportion of people born overseas, as well as a smaller proportion of people from a non-English speaking background.

Overall, 29.9% of the population was born overseas, and 10.4% were from a non-English speaking background, compared with 34.4% and 16.7% respectively for Greater Perth.

The major difference between the countries of birth of the population in the City of Armadale and Greater Perth was:

• A *larger* percentage of people born in United Kingdom (13.7% compared to 11.4%)

#### Emerging groups

Between 2006 and 2011, the number of people born overseas increased by 4,404 or 30.9%, and the number of people from a non-English speaking background increased by 2,704 or 71.7%.

The largest changes in birthplace countries of the population in this area between 2006 and 2011 were for those born in:

- New Zealand (+856 persons)
- South Africa (+532 persons)
- India (+504 persons)
- Philippines (+316 persons)

### Year of arrival in Australia

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 migrants and reveals the role of the City of Armadale in housing the overseas-born. The number of recent arrivals in an area is often determined by housing affordability, employment opportunities and pre-existing communities located in the area.

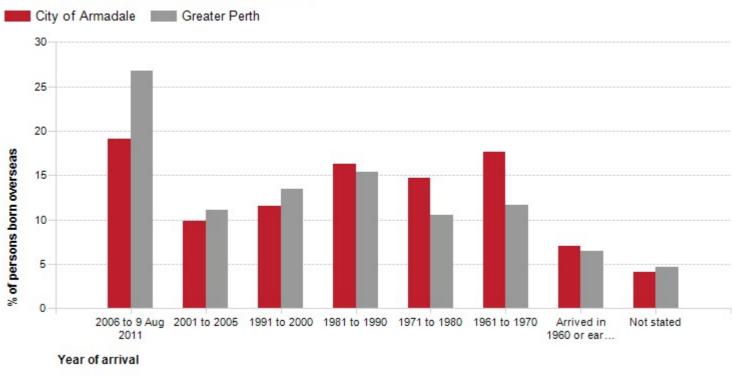
The City of Armadale's Year of Arrival data, when used with <u>Birthplace</u>, <u>Religion</u> and <u>Language Spoken at Home</u> data, is a good indicator of the likely need for services in migrant communities.

#### Year of arrival in Australia

City of Armadale		2011	
Year of arrival in Australia	Number	%	Greater Perth
2006 to 9 Aug 2011	3,562	19.1	26.8
2001 to 2005	1,831	9.8	11.1
1991 to 2000 (10 year period)	2,147	11.5	13.4
1981 to 1990 (10 year period)	3,040	16.3	15.4
1971 to 1980 (10 year period)	2,740	14.7	10.6
1961 to 1970 (10 year period)	3,284	17.6	11.6
Arrived in 1960 or earlier	1,306	7.0	6.5
Not stated	769	4.1	4.7
Total	18,679	100.0	100.0

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Year of arrival in Australia, 2011





Analysis of the year of arrival for the overseas born population of the City of Armadale in 2011 compared to Greater Perth shows that there was a larger proportion of people who arrived before 2001, and a smaller proportion of recent arrivals (those who arrived between 2006 and 2011).

Overall, 67.0% of the overseas born population arrived before 2001, and 19.1% arrived during or after 2006, compared with 57.5% and 26.8% respectively for Greater Perth.

#### The major differences between the year of arrival data of the City of Armadale and Greater Perth were:

- A larger percentage of arrivals between 1961 and 1970 (17.6% compared to 11.6%)
- A larger percentage of arrivals between 1971 and 1980 (14.7% compared to 10.6%)
- A larger percentage of arrivals between 1981 and 1990 (16.3% compared to 15.4%)
- A smaller percentage of arrivals between 2006 and 9 Aug 2011 (19.1% compared to 26.8%)

### Proficiency in English

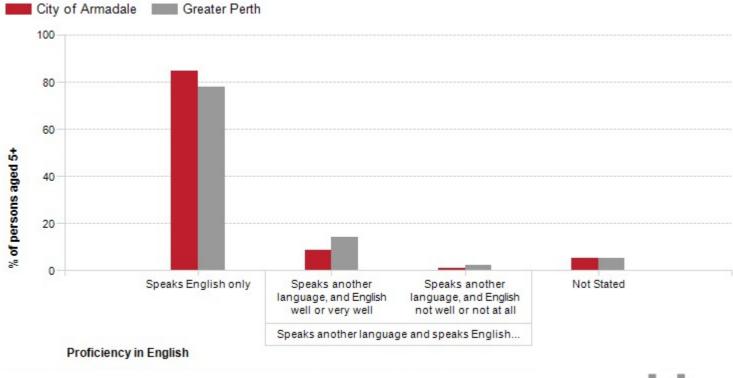
Proficiency in English measures the self-assessed proficiency in spoken English of people who speak a language other than English at home. The data, when viewed with other ethnic and cultural indicators, such as <u>Ancestry</u>, <u>Country of Birth</u>, <u>Language Spoken at Home</u> and <u>Religion</u>, reflects the City of Armadale'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

City of Armadale		2011			2006		Change
English proficiency	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Speaks English only	52,779	84.7	77.8	44,714	88.5	80.4	+8,065
Speaks another language, and English well or very well	5,384	8.6	14.3	2,636	5.2	11.4	+2,748
Speaks another language, and English not well or not at all	713	1.1	2.4	334	0.7	2.1	+379
Not Stated	3,420	5.5	5.4	2,853	5.6	6.1	+567
Total population	62,296	100.0	100.0	50,537	100.0	100.0	+11,759

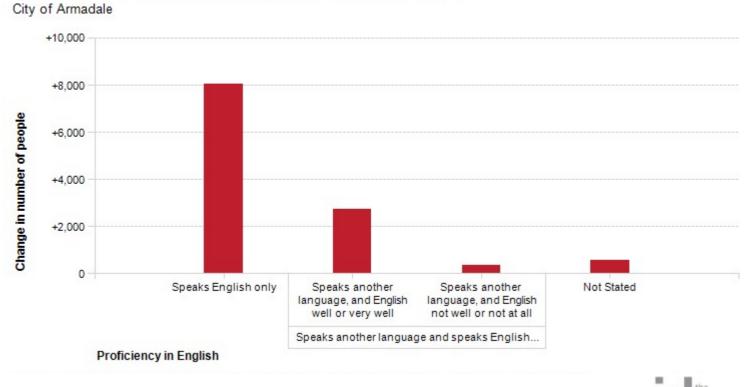
Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Proficiency in English, 2011





### Change in proficiency in English, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the proficiency in English data for the City of Armadale in 2011 compared to Greater Perth shows that there was a higher proportion of persons who spoke English only, and a lower proportion of persons who spoke another language and English not well or not at all.

Overall, 84.7% of persons spoke English only, and 1.1% spoke another language and English not well or not at all, compared with 77.8% and 2.4% respectively for Greater Perth.

#### **Emerging groups**

The most significant changes in the proficiency in English of the population in this area between 2006 and 2011 were in those speaking:

- Speaks English only (+8,065 persons)
- Speaks another language, and English well or very well (+2,748 persons)
- Speaks another language, and English not well or not at all (+379 persons)

#### Language spoken at home

The City of Armadale'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.

The City of Armadale's language statistics should be analysed in conjunction with <u>Country of Birth</u> and <u>Proficiency in</u> <u>English</u> to assist in identifying specific cultural and ethnic groups in the area and the services required by the multicultural community.

City of Armadale	2011				2006			
Language (excludes English)	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011	
Italian	496	0.8	1.6	465	0.9	2.0	+31	
Mandarin	394	0.6	1.5	79	0.2	1.1	+315	
Dutch	385	0.6	0.3	437	0.9	0.3	-52	
Filipino/Tagalog	364	0.6	0.6	85	0.2	0.2	+279	
Afrikaans	323	0.5	0.5	80	0.2	0.2	+243	
German	227	0.4	0.4	243	0.5	0.4	-16	
Cantonese	195	0.3	1.0	42	0.1	1.0	+153	
Indonesian	195	0.3	0.5	53	0.1	0.4	+142	
Spanish	186	0.3	0.4	117	0.2	0.4	+69	
Arabic	165	0.3	0.7	76	0.2	0.5	+89	

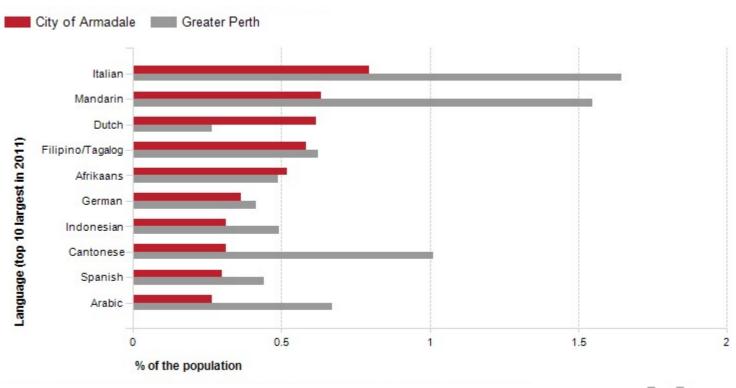
#### Language spoken at home - ranked by size

Excludes languages with fewer than 20 people speaking them at home, or less than 0.1% of the total population.

#### Language - summary

City of Armadale	2011				Change		
Language summary	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Speaks English only	52,780	84.7	77.8	44,713	88.5	80.4	+8,067
Non-English total	6,016	9.7	16.7	2,903	5.7	13.4	+3,113
Not stated	3,500	5.6	5.5	2,920	5.8	6.2	+580
Total Population	62,296	100.0	100.0	50,536	100.0	100.0	+11,760

#### Language spoken at home, 2011

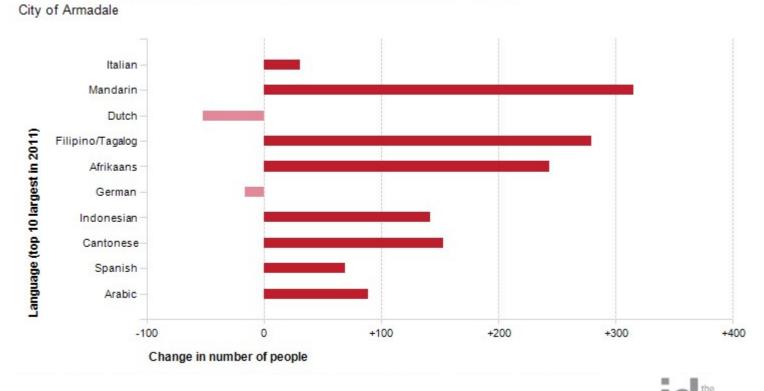


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Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

### Change in language spoken at home, 2006 to 2011



Analysis of the language spoken at home by the population of the City of Armadale in 2011 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, 84.7% of the population spoke English only, and 9.7% spoke a non-English language, compared with 77.8% and 16.7% respectively for Greater Perth.

The dominant language spoken at home, other than English, in the City of Armadale was Italian, with 0.8% of the population, or 496 people speaking this language at home.

There were no major differences between City of Armadale and Greater Perth in 2011.

#### Emerging groups

Between 2006 and 2011, the number of people who spoke a language other than English at home increased by 3,113 or 107.2%, and the number of people who spoke English only increased by 8,067 or 18.0%.

The largest changes in the spoken languages of the population in the City of Armadale between 2006 and 2011 were for those speaking:

- Mandarin (+315 persons)
- Filipino/Tagalog (+279 persons)
- Afrikaans (+243 persons)
- Cantonese (+153 persons)

### Religion

The City of Armadale'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.

The City of Armadale'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.

City of Armadale	2011				Change		
Religion	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Anglican	12,560	20.2	18.5	11,404	22.6	20.2	+1,156
Western (Roman) Catholic	11,318	18.2	24.4	8,749	17.3	24.6	+2,569
Presbyterian and Reformed	2,449	3.9	2.2	2,213	4.4	2.3	+236
Christian,nfd	2,396	3.8	2.8	1,282	2.5	2.1	+1,114
Baptist	1,571	2.5	1.9	1,075	2.1	1.6	+496
Uniting Church	1,354	2.2	3.0	1,244	2.5	3.5	+110
Pentecostal	862	1.4	1.2	552	1.1	1.0	+310
Buddhism	855	1.4	2.5	358	0.7	2.1	+497
Islam	609	1.0	2.1	256	0.5	1.5	+353
Hinduism	510	0.8	1.1	48	0.1	0.5	+462

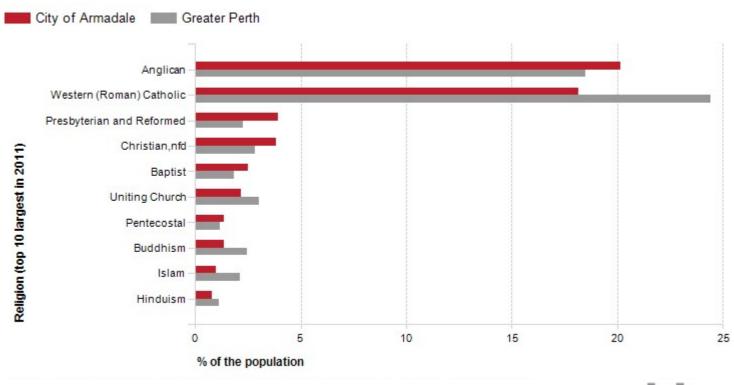
#### Religions - ranked by size

Excludes religions with fewer than 20 adherents, or less than 0.1% of the total population.

#### Religions - summary

City of Armadale		2011			2006		Change
Religion totals	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Christian total	35,158	56.4	58.4	28,697	56.8	59.9	+6,461
Non Christian total	2,513	4.0	6.9	987	2.0	5.0	+1,526
Non-classifiable religious belief	696	1.1	0.9	386	0.8	0.8	+310
No religion	17,691	28.4	25.1	13,541	26.8	22.2	+4,150
Not stated	6,238	10.0	8.8	6,928	13.7	12.1	-690
Total Population	62,296	100.0	100.0	50,539	100.0	100.0	+11,757

### Religion, 2011

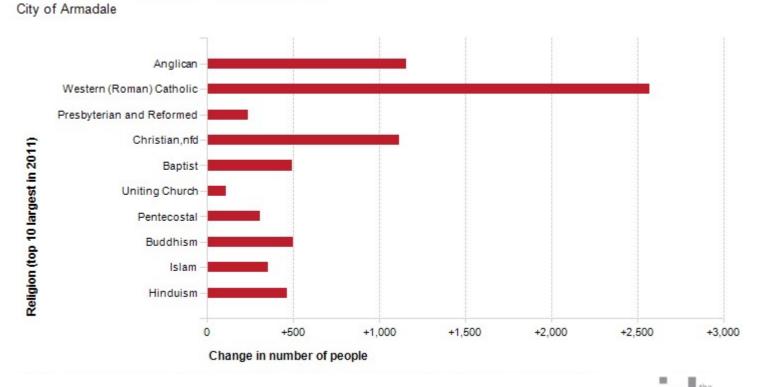


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

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### Change in religion, 2006 to 2011



Analysis of the religious affiliation of the population of the City of Armadale 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, 60.5% of the population nominated a religion, and 28.4% said they had no religion, compared with 65.2% and 25.1% respectively for Greater Perth.

The largest single religion in the City of Armadale was Anglican, with 20.2% of the population or 12,560 people as adherents.

The major differences between the religious affiliation for the population of the City of Armadale and Greater Perth were:

- A larger percentage who nominated Anglican (20.2% compared to 18.5%)
- A larger percentage who nominated Presbyterian and Reformed (3.9% compared to 2.2%)
- A larger percentage who nominated Christian, nfd (3.8% compared to 2.8%)
- A smaller percentage who nominated Western (Roman) Catholic (18.2% compared to 24.4%)

#### Emerging groups

The largest changes in the religious affiliation of the population in the City of Armadale between 2006 and 2011 were for those who nominated:

- Western (Roman) Catholic (+2,569 persons)
- Anglican (+1,156 persons)
- Christian,nfd (+1,114 persons)
- Buddhism (+497 persons)

### Qualifications

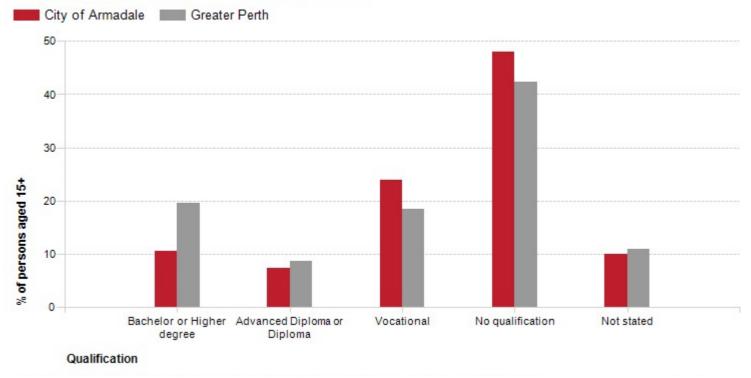
Educational Qualifications relate to education outside of primary and secondary school and are one of the most important indicators of socio-economic status. With other data sources, such as <u>Employment Status</u>, <u>Income</u> and <u>Occupation</u>, the City of Armadale's Educational Qualifications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

#### Highest qualification achieved

City of Armadale	2011				Change		
Qualification level	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Bachelor or Higher degree	5,208	10.6	19.6	3,037	7.7	16.1	+2,171
Advanced Diploma or Diploma	3,609	7.4	8.6	2,445	6.2	7.9	+1,164
Vocational	11,740	24.0	18.6	8,153	20.7	17.1	+3,587
No qualification	23,460	47.9	42.3	20,626	52.2	45.5	+2,834
Not stated	4,910	10.0	10.9	5,220	13.2	13.4	-310
Total persons aged 15+	48,927	100.0	100.0	39,481	100.0	100.0	+9,446

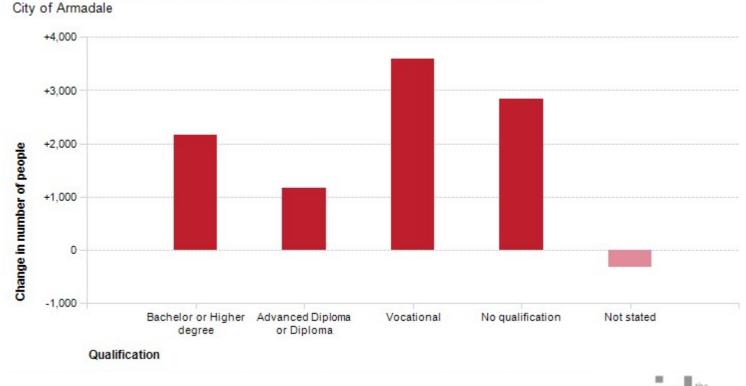
Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Highest qualification achieved, 2011





#### Change in highest qualification achieved, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the qualifications of the population in the City of Armadale in 2011 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, 42.0% of the population aged 15 and over held educational qualifications, and 47.9% had no qualifications, compared with 46.8% and 42.3% respectively for Greater Perth.

#### The major differences between qualifications held by the population of the City of Armadale and Greater Perth were:

- A *larger* percentage of persons with No qualifications (47.9% compared to 42.3%)
- A larger percentage of persons with Vocational qualifications (24.0% compared to 18.6%)
- A smaller percentage of persons with Bachelor or Higher degrees (10.6% compared to 19.6%)
- A smaller percentage of persons with Advanced Diploma or Diplomas (7.4% compared to 8.6%)

#### Emerging groups

The largest changes in the qualifications of the population in the City of Armadale between 2006 and 2011 were in those with:

- Vocational qualifications (+3,587 persons)
- No qualifications (+2,834 persons)
- Bachelor or Higher degrees (+2,171 persons)
- Advanced Diploma or Diplomas (+1,164 persons)

### Highest level of schooling

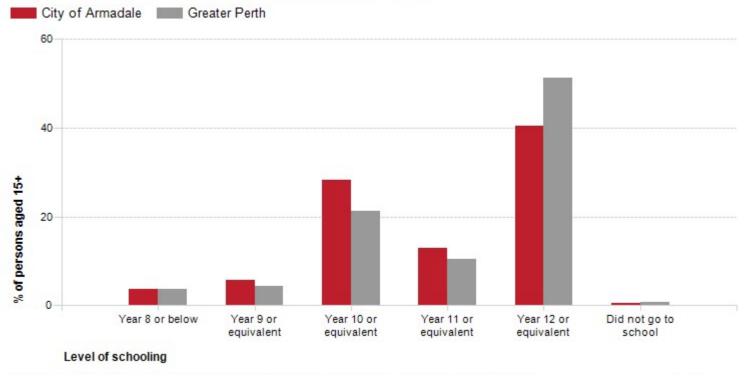
The City of Armadale's school completion data is a useful indicator of socio-economic status. With other indicators, such as <u>Proficiency in English</u>, the data informs planners and decision-makers about people's ability to access services. Combined with <u>Educational Qualifications</u> it also allows assessment of the skill base of the population.

#### Highest level of secondary schooling completed

City of Armadale	2011				Change		
Level of schooling	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Year 8 or below	1,737	3.6	3.7	1,762	4.5	4.6	-25
Year 9 or equivalent	2,745	5.6	4.4	2,626	6.7	5.0	+119
Year 10 or equivalent	13,840	28.3	21.2	12,545	31.8	23.5	+1,295
Year 11 or equivalent	6,269	12.8	10.3	5,131	13.0	10.6	+1,138
Year 12 or equivalent	19,755	40.4	51.2	13,317	33.7	45.4	+6,438
Did not go to school	197	0.4	0.6	177	0.4	0.6	+20
Not stated	4,384	9.0	8.6	3,917	9.9	10.1	+467
Total persons aged 15+	48,927	100.0	100.0	39,475	100.0	100.0	+9,452

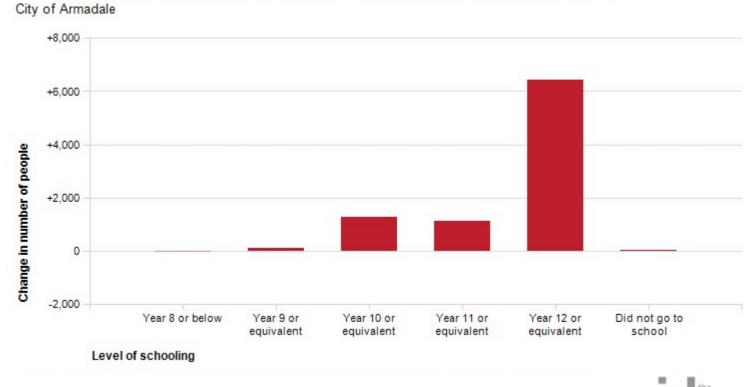
Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Highest level of schooling completed, 2011





#### Change in highest level of schooling completed, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

#### Dominant groups

Analysis of the highest level of schooling attained by the population in the City of Armadale in 2011 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.

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Overall, 37.9% of the population left school at Year 10 or below, and 40.4% went on to complete Year 12 or equivalent, compared with 29.9% and 51.2% respectively for Greater Perth.

## The major differences between the level of schooling attained by the population in the City of Armadale and Greater Perth were:

- A larger percentage of persons who completed year 10 or equivalent (28.3% compared to 21.2%)
- A larger percentage of persons who completed year 11 or equivalent (12.8% compared to 10.3%)
- A larger percentage of persons who completed year 9 or equivalent (5.6% compared to 4.4%)
- A smaller percentage of persons who completed year 12 or equivalent (40.4% compared to 51.2%)

#### **Emerging groups**

The largest changes in the level of schooling attained by the population in the City of Armadale, between 2006 and 2011 were:

- Year 12 or equivalent (+6,438 persons)
- Year 10 or equivalent (+1,295 persons)
- Year 11 or equivalent (+1,138 persons)
- Year 9 or equivalent (+119 persons)

#### Education institution attending

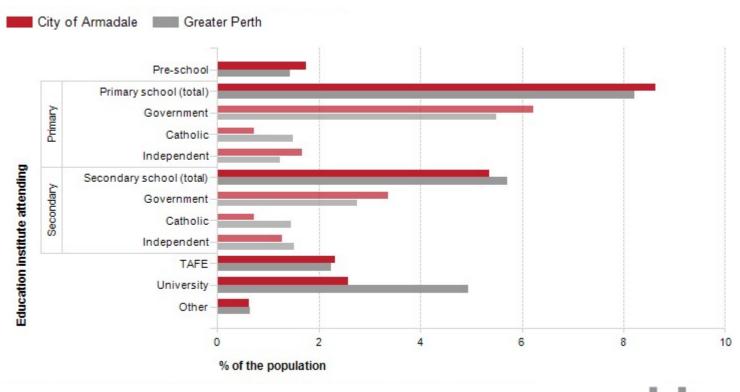
The share of the City of Armadale's population attending educational institutions reflects the age structure of the population, which influences the number of children attending school; proximity to tertiary education, which can mean young adults leaving home to be nearer to educational facilities and; 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.

#### Education institute attending

City of Armadale		2011			2006		Change
Type of institute	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Pre-school	1,083	1.7	1.4	725	1.4	1.3	+358
Primary school	5,372	8.6	8.2	4,606	9.1	8.4	+766
Primary - Government	3,879	6.2	5.5	3,395	6.7	5.6	+484
Primary - Catholic	452	0.7	1.5	455	0.9	1.6	-3
Primary - Independent	1,041	1.7	1.2	756	1.5	1.1	+285
Secondary school	3,341	5.4	5.7	3,272	6.5	6.0	+69
Secondary - Government	2,092	3.4	2.8	2,270	4.5	3.2	-178
Secondary - Catholic	456	0.7	1.5	392	0.8	1.4	+64
Secondary - Independent	793	1.3	1.5	610	1.2	1.4	+183
TAFE	1,444	2.3	2.2	1,074	2.1	2.1	+370
University	1,600	2.6	4.9	1,040	2.1	4.5	+560
Other	394	0.6	0.7	261	0.5	0.6	+133
Not attending	44,131	70.8	69.5	35,390	70.0	68.4	+8,741
Not stated	4,930	7.9	7.4	4,170	8.3	8.7	+760
Total	62,295	100.0	100.0	50,538	100.0	100.0	+11,757

### Education institute attending, 2011



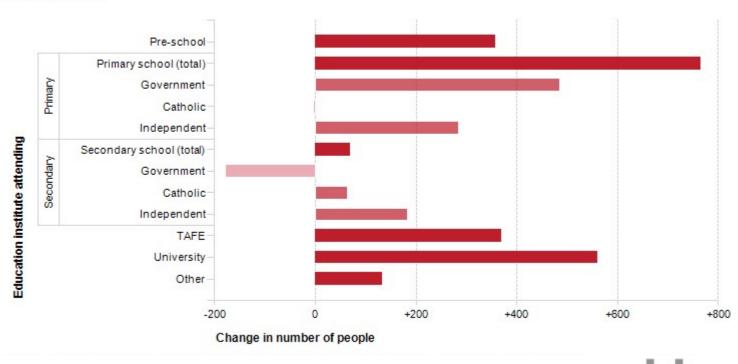
Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



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#### Change in education institute attending, 2006 to 2011





Analysis of the share of the population attending educational institutions in the City of Armadale in 2011 compared to Greater Perth shows that there was a similar proportion attending primary school, a similar proportion attending secondary school, and a lower proportion engaged in tertiary level education.

Overall, 8.6% of the population were attending primary school, 5.4% of the population were attending secondary institutions, and 4.9% were learning at a tertiary level, compared with 8.2%, 5.7% and 7.2% respectively for Greater Perth.

The major differences between the share of the population attending learning institutions in the City of Armadale and Greater Perth were:

- A *larger* percentage of persons not attending (70.8% compared to 69.5%)
- A smaller percentage of persons attending University (2.6% compared to 4.9%)

#### Emerging groups

From 2006 to 2011, City of Armadale's population aged 15 years and over increased by 11,757 people (+23.3%). This represents an average annual change of 4.27% per year over the period.

The largest changes in the number of people attending education institutions in the City of Armadale, between 2006 and 2011 were in those who nominated:

- Primary school (+766 persons)
- University (+560 persons)
- Primary Government (+484 persons)
- TAFE (+370 persons)

#### Need for assistance

The City of Armadale'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. The City of Armadale's disability statistics help in understanding the prevalence of people who need support in the community, and along with information on <u>Unpaid Care</u> 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.

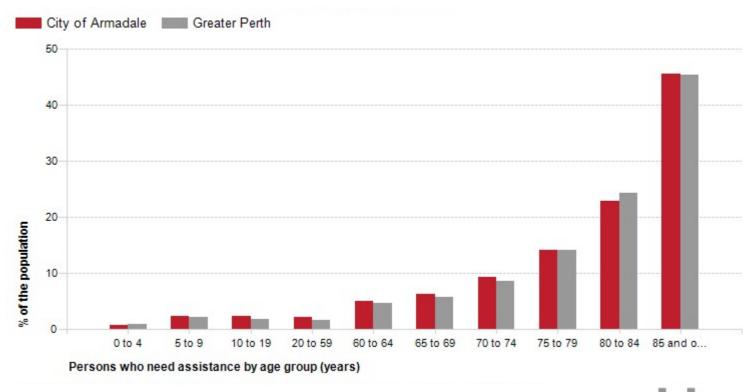
City of Armadale	2011				Change		
Assistance needed by age group (years)	Number	% of total age group	Greater Perth	Number	% of total age group	Greater Perth	2006 to 2011
0 to 4	39	0.8	0.9	35	1.0	0.8	+4
5 to 9	102	2.4	2.2	87	2.4	1.9	+15
10 to 19	199	2.3	1.7	158	2.0	1.5	+41
20 to 59	749	2.2	1.6	741	2.7	1.8	+8
60 to 64	173	5.0	4.7	153	6.2	4.6	+20
65 to 69	144	6.2	5.8	110	5.8	5.3	+34
70 to 74	161	9.3	8.5	131	9.4	8.1	+30
75 to 79	177	14.2	14.1	159	14.2	14.3	+18
80 to 84	200	22.9	24.4	215	30.6	25.7	-15
85 and over	301	45.6	45.3	291	50.3	48.0	+10
Total persons needing assistance	2,245	3.6	3.6	2,080	4.1	3.6	+165

#### Need for assistance with core activities

#### Need for assistance with core activities

City of Armadale	2011				Change		
Assistance needed by age group (years)	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Total persons needing assistance	2,245	3.6	3.6	2,080	4.1	3.6	+165
Total persons not needing assistance	56,082	90.0	90.4	45,107	89.3	89.5	+10,975
Not stated	3,969	6.4	6.1	3,352	6.6	6.9	+617
Total population	62,296	100.0	100.0	50,539	100.0	100.0	+11,757

#### Need for assistance with core activities, 2011

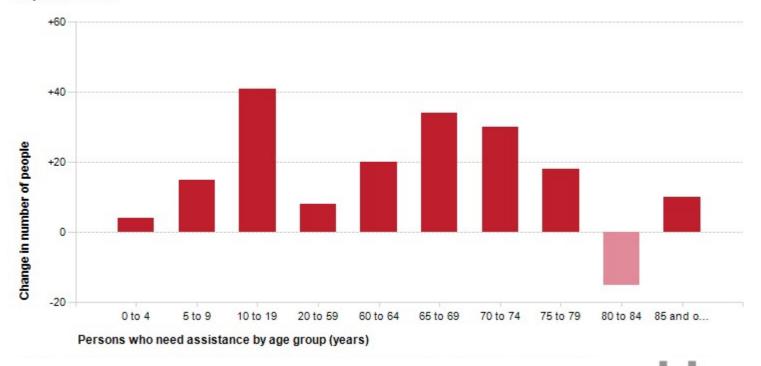


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

# Change in need for assistance with core activities, 2006 to 2011

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City of Armadale

# Dominant groups

Analysis of the need for assistance of persons in the City of Armadale compared to Greater Perth shows that there was a similar proportion of persons who reported needing assistance with core activities.

Overall, 3.6% of the population reported needing assistance with core activities, compared with 3.6% for Greater Perth.

The major difference in the age groups reporting a need for assistance in the City of Armadale and Greater Perth is:

• A smaller percentage of persons aged 80 to 84 (22.9% compared to 24.4%)

#### Emerging groups

There were no major differences in the City of Armadale between 2006 and 2011.

### **Employment status**

The City of Armadale'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 <u>Age Structure</u>, 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).

#### Employment status

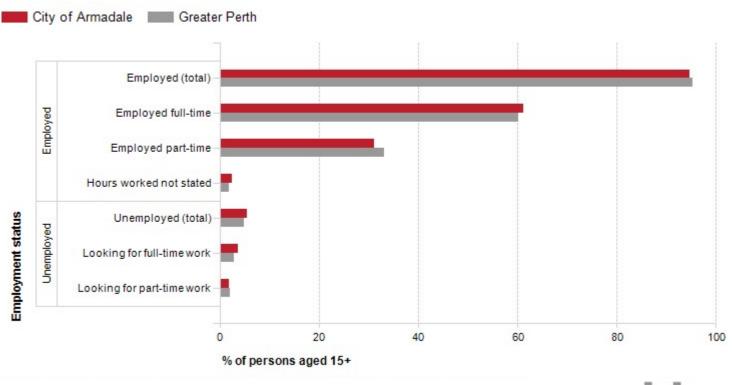
City of Armadale	2011		2006			Change	
Employment status	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Employed	29,748	94.6	95.2	23,042	95.6	96.3	+6,706
Employed full-time	19,221	61.1	60.2	14,680	60.9	60.9	+4,541
Employed part-time	9,794	31.1	33.1	7,610	31.6	32.8	+2,184
<ul> <li>Hours worked not stated</li> </ul>	733	2.3	1.9	752	3.1	2.7	-19
Unemployed	1,709	5.4	4.8	1,062	4.4	3.7	+647
<ul> <li>Looking for full-time work</li> </ul>	1,131	3.6	2.7	665	2.8	2.1	+466
<ul> <li>Looking for part-time work</li> </ul>	578	1.8	2.0	397	1.6	1.6	+181
Total Labour Force	31,457	100.0	100.0	24,104	100.0	100.0	+7,353

#### Labour force status

City of Armadale		2011			2006		Change
Labour force status	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Total Labour force	31,457	64.3	64.5	24,104	61.1	62.2	+7,353
Not in the labour force	14,466	29.6	29.6	12,940	32.8	31.0	+1,526
Labour force status not stated	3,004	6.1	5.9	2,431	6.2	6.7	+573
Total persons aged 15+	48,927	100.0	100.0	39,475	100.0	100.0	+9,452

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Employment status, 2011

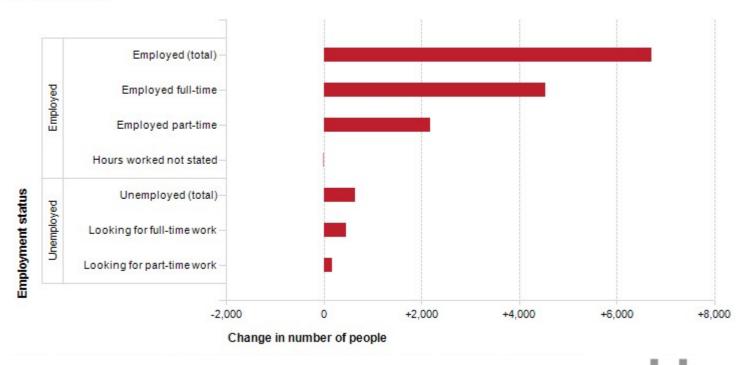


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



# Change in employment status, 2006 to 2011





Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

### Dominant groups

The size of the City of Armadale's labour force in 2011 was 31,457 persons, of which 9,794 were employed part-time and 19,221 were full time workers.

Analysis of the employment status (as a percentage of the labour force) in the City of Armadale in 2011 compared to Greater Perth shows that there was a lower proportion in employment, and a higher proportion unemployed. Overall, 94.6% of the labour force was employed (60.8% of the population aged 15+), and 5.4% unemployed (3.5% of the population aged 15+), compared with 95.2% and 4.8% respectively for Greater Perth.

The labour force participation rate refers to the proportion of the population over 15 years of age 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 the City of Armadale in 2011 shows that there was a similar proportion in the labour force (64.3%) compared with Greater Perth (64.5%).

### Emerging groups

Between 2006 and 2011, the number of people employed in the City of Armadale showed an increase of 6,706 persons and the number unemployed showed an increase of 647 persons. In the same period, the number of people in the labour force showed an increase of 7,353 persons, or 30.5%.

### Industry sectors of employment

The City of Armadale'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 <u>Residents Place of Work</u> data and <u>Method of Travel to Work</u>, industry sector statistics provide insights into the relationship between the economic and residential role of the area.

#### Industry sector of employment

City of Armadale		2011				Change	
Industry sector	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Agriculture, Forestry and Fishing	302	1.0	0.6	300	1.3	0.8	+2
Mining	1,203	4.0	4.8	621	2.7	3.2	+582
Manufacturing	3,225	10.8	8.5	2,910	12.6	9.9	+315
Electricity, Gas, Water and Waste Services	364	1.2	1.1	237	1.0	1.0	+127
Construction	3,237	10.9	10.0	2,516	10.9	9.1	+721
Retail Trade	3,371	11.3	10.4	2,850	12.4	11.4	+521
Wholesale trade	1,480	5.0	3.9	1,164	5.1	4.3	+316
Accommodation and Food Services	1,398	4.7	5.8	1,069	4.6	5.8	+329
Transport, Postal and Warehousing	1,954	6.6	4.4	1,448	6.3	4.2	+506
Information Media and Telecommunications	278	0.9	1.2	247	1.1	1.5	+31
Financial and Insurance Services	545	1.8	2.9	428	1.9	3.4	+117
Rental, Hiring and Real Estate Services	518	1.7	1.8	398	1.7	2.0	+120
Professional, Scientific and Technical Services	1,602	5.4	8.3	972	4.2	7.3	+630
Administrative and Support Services	900	3.0	3.2	698	3.0	3.4	+202
Public Administration and Safety	1,767	5.9	6.4	1,295	5.6	6.5	+472
Education and Training	2,081	7.0	8.1	1,485	6.4	7.8	+596
Health Care and Social Assistance	3,183	10.7	10.9	2,465	10.7	10.6	+718
Arts and Recreation Services	306	1.0	1.5	232	1.0	1.4	+74
Other Services	1,313	4.4	3.9	1,043	4.5	3.9	+270
Inadequately described or not stated	722	2.4	2.2	662	2.9	2.7	+60
Total employed persons aged 15+	29,749	100.0	100.0	23,040	100.0	100.0	+6,709

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Industry sector of employment, 2011

City of Armadale Greater Perth

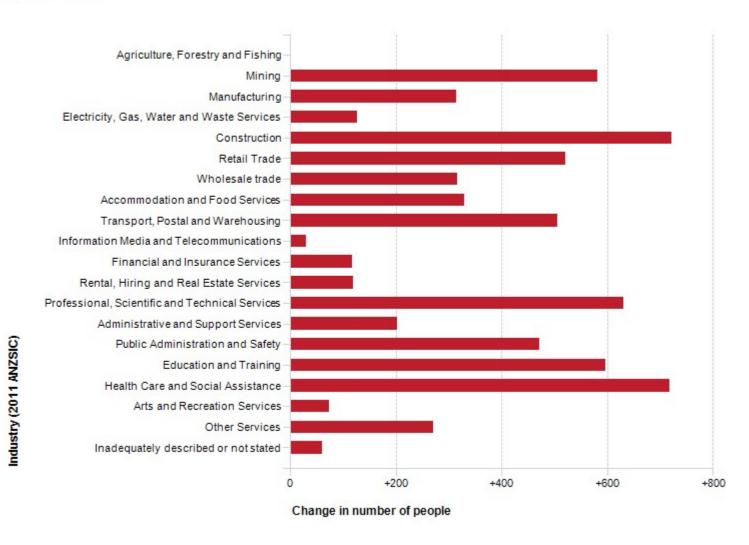
Agriculture, Forestry and Fishing Mining Manufacturing Electricity, Gas, Water and Waste Services Construction Retail Trade Wholesale trade Accommodation and Food Services Transport, Postal and Warehousing Information Media and Telecommunications Financial and Insurance Services Rental, Hiring and Real Estate Services Professional, Scientific and Technical Services Administrative and Support Services Industry (2011 ANZSIC) Public Administration and Safety Education and Training Health Care and Social Assistance Arts and Recreation Services Other Services Inadequately described or not stated 0 2 6 8 10 12 % of total employed persons 15+

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 industry sector of employment, 2006 to 2011

City of Armadale



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.



# Occupations of employment

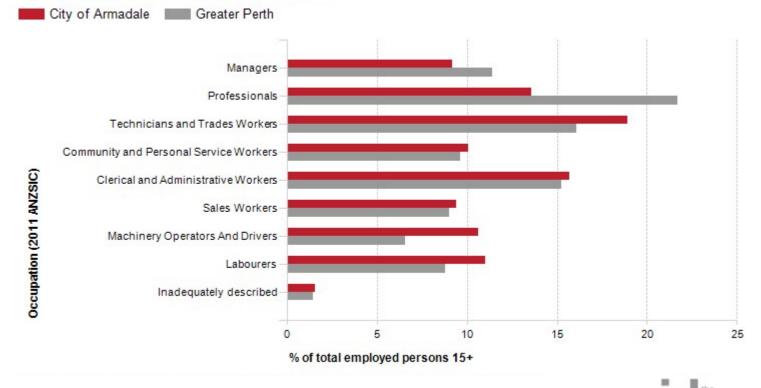
The City of Armadale's occupation statistics quantify the occupations in which the residents work (which may be within the residing area or elsewhere). This will be influenced by the economic base and employment opportunities available in the area, education levels, and the working and social aspirations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

#### Occupation of employment

City of Armadale		2011			2006		Change
Occupation	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Managers	2,737	9.2	11.4	2,030	8.8	11.2	+707
Professionals	4,033	13.6	21.7	2,685	11.7	20.3	+1,348
Technicians and Trades Workers	5,623	18.9	16.1	4,496	19.5	16.1	+1,127
Community and Personal Service Workers	2,991	10.1	9.7	2,325	10.1	9.1	+666
Clerical and Administrative Workers	4,663	15.7	15.3	3,427	14.9	15.6	+1,236
Sales Workers	2,797	9.4	9.0	2,182	9.5	9.9	+615
Machinery Operators And Drivers	3,158	10.6	6.6	2,535	11.0	6.5	+623
Labourers	3,277	11.0	8.8	2,970	12.9	9.9	+307
Inadequately described	468	1.6	1.4	388	1.7	1.5	+80
Total employed persons aged 15+	29,747	100.0	100.0	23,038	100.0	100.0	+6,709

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

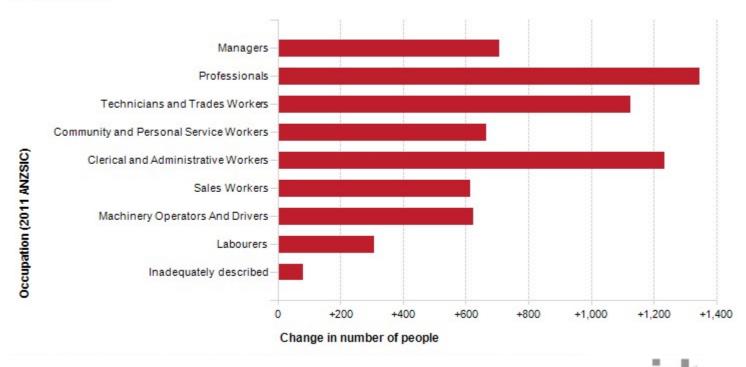
# Occupation of employment, 2011



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 occupation of employment, 2006 to 2011





Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (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 City of Armadale in 2011 shows the three most popular occupations were:

- Technicians and Trades Workers (5,623 people or 18.9%)
- Clerical and Administrative Workers (4,663 people or 15.7%)
- Professionals (4,033 people or 13.6%)

In combination these three occupations accounted for 14,319 people in total or 48.1% of the employed resident population.

In comparison, Greater Perth employed 16.1% in Technicians and Trades Workers; 15.3% in Clerical and Administrative Workers; and 21.7% in Professionals.

The major differences between the jobs held by the population of the City of Armadale and Greater Perth were:

- A *larger* percentage of persons employed as Machinery Operators And Drivers (10.6% compared to 6.6%)
- A larger percentage of persons employed as Technicians and Trades Workers (18.9% compared to 16.1%)
- A *larger* percentage of persons employed as Labourers (11.0% compared to 8.8%)
- A smaller percentage of persons employed as Professionals (13.6% compared to 21.7%)

#### **Emerging groups**

The number of employed people in City of Armadale increased by 6,709 between 2006 and 2011.

The largest changes in the occupations of residents between 2006 and 2011 in the City of Armadale were for those employed as:

- Professionals (+1,348 persons)
- Clerical and Administrative Workers (+1,236 persons)
- Technicians and Trades Workers (+1,127 persons)
- Managers (+707 persons)

# Method of travel to work

The City of Armadale'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.

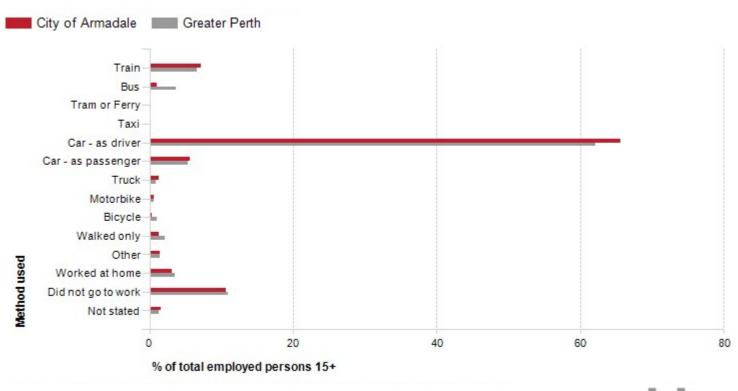
Commuting data is very useful in transport planning as it informs decision-makers about the availability, effectiveness and utilisation of local transport options, particularly when analysed with <u>Residents Place of Work</u> data and <u>Car</u> <u>Ownership</u>.

City of Armadale		2011			2006		Change
Main method of travel	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Train	2,091	7.2	6.7	1,441	6.4	4.1	+650
Bus	282	1.0	3.7	173	0.8	4.1	+109
Tram or Ferry	7	0.0	0.0	6	0.0	0.0	+1
Тахі	35	0.1	0.2	19	0.1	0.2	+16
Car - as driver	19,010	65.6	62.2	14,434	64.1	63.0	+4,576
Car - as passenger	1,640	5.7	5.3	1,439	6.4	5.8	+201
Truck	393	1.4	0.8	394	1.7	1.0	-1
Motorbike	176	0.6	0.6	138	0.6	0.6	+38
Bicycle	101	0.3	1.1	108	0.5	1.0	-7
Walked only	378	1.3	2.2	354	1.6	2.0	+24
Other	423	1.5	1.5	216	1.0	1.1	+207
Worked at home	911	3.1	3.5	750	3.3	3.6	+161
Did not go to work	3,100	10.7	10.9	2,628	11.7	11.6	+472
Not stated	451	1.6	1.3	433	1.9	1.7	+18
Total employed persons aged 15+	28,998	100.0	100.0	22,533	100.0	100.0	+6,465

#### Method of travel to work

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

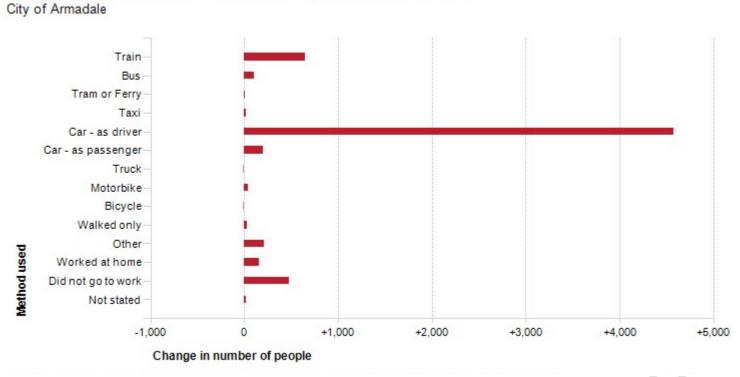
#### Method of travel to work, 2011



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 method of travel to work, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



### Dominant groups

In 2011, there were 2,380 people who caught public transport to work (train, bus, tram or ferry) in City of Armadale, compared with 21,219 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 the City of Armadale in 2011 compared to Greater Perth shows that 8.2% used public transport, while 73.2% used a private vehicle, compared with 10.4% and 68.9% respectively in Greater Perth.

#### The major differences between the method of travel to work of the City of Armadale and Greater Perth were:

- A *larger* percentage of persons who travelled by car (as driver) (65.6% compared to 62.2%)
- A *smaller* percentage of persons who travelled by bus (1.0% compared to 3.7%)

#### Emerging groups

The number of employed people in City of Armadale increased by 6,465 between 2006 and 2011.

The largest changes in the method of travel to work by resident population in the City of Armadale between 2006 and 2011 were for those nominated:

- Car as driver (+4,576 persons)
- Train (+650 persons)
- Did not go to work (+472 persons)
- Other (+207 persons)

### Volunteer work

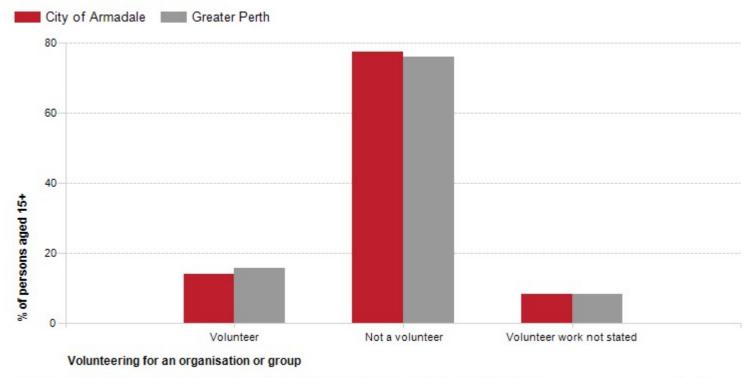
The voluntary work sector is an important part of Australia's economy. The level of volunteering can indicate the cohesiveness of the community and how readily individuals are able to contribute to that community. Factors impacting on the level of volunteering in the City of Armadale include the <u>Age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

#### Voluntary work

City of Armadale	2011			Change			
Volunteer status	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Volunteer	6,905	14.1	15.6	5,890	14.9	15.1	+1,015
Not a volunteer	37,939	77.5	76.2	29,990	76.0	75.3	+7,949
Volunteer work not stated	4,082	8.3	8.2	3,595	9.1	9.5	+487
Total persons aged 15+	48,926	100.0	100.0	39,475	100.0	100.0	+9,451

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

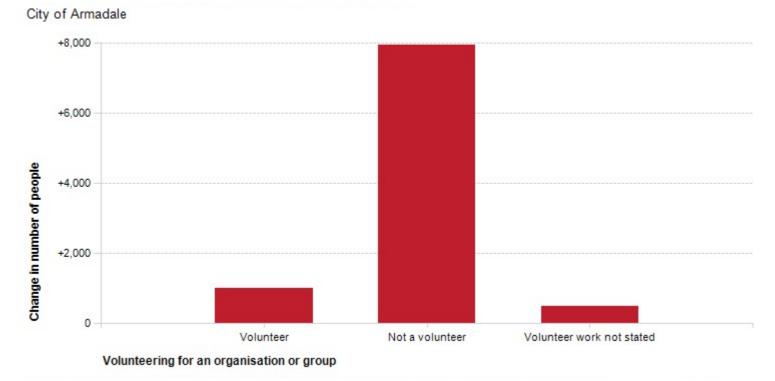
# Voluntary work, 2011



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 voluntary work, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Usual residence data) Compiled and presented in profile.id by .id, the population experts.

### **Dominant groups**

Analysis of the voluntary work performed by the population in the City of Armadale in 2011 compared to Greater Perth shows that there was a lower proportion of persons who volunteered for an organisation or group.

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Overall, 14.1% of the population reported performing voluntary work, compared with 15.6% for Greater Perth.

### Emerging groups

The number of volunteers in City of Armadale increased by 1,015 people between 2006 and 2011.

# Unpaid care

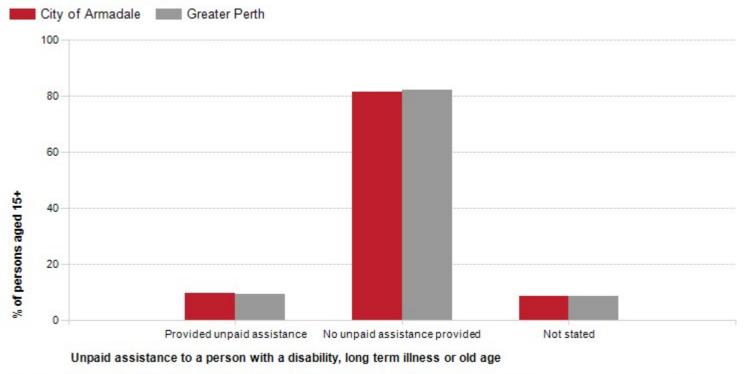
The proportion of people providing unpaid care for the aged and disabled in the City of Armadale can be an important indicator of the level of demand for aged care services and facilities by local and state governments. An increasing proportion of carers among the population may indicate inadequate aged 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 <u>Household Income</u>, <u>Age Structure</u> and the ethnic makeup of the community (<u>Language Spoken</u>), as well as the sense of community cohesiveness.

#### Unpaid care

City of Armadale	2011				Change		
Assistance to a person with a disability, long term illness or old age	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Provided unpaid assistance	4,796	9.8	9.4	3,920	9.9	9.1	+876
No unpaid assistance provided	39,886	81.5	82.1	31,667	80.2	80.9	+8,219
Not stated	4,245	8.7	8.5	3,889	9.9	10.0	+356
Total persons aged 15+	48,927	100.0	100.0	39,476	100.0	100.0	+9,451

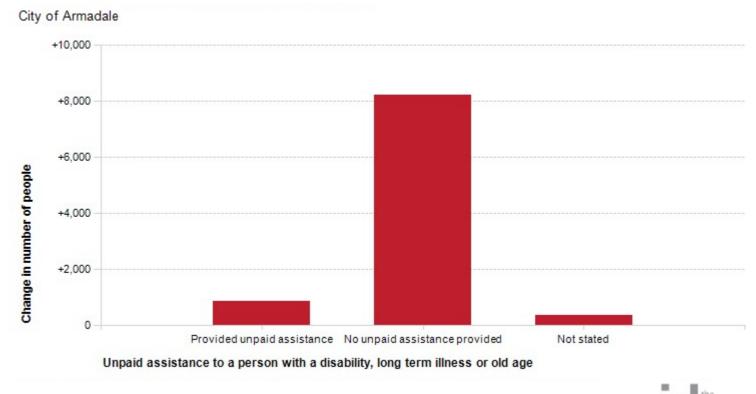
Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

# Unpaid care, 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 unpaid care, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (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 the City of Armadale in 2011 compared to Greater Perth shows that there was a similar proportion of persons who provided unpaid care either to family members or others.

Overall, 9.8% of the population provided unpaid care, compared with 9.4% 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 the City of Armadale increased by 876 people between 2006 and 2011.

# Individual income

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

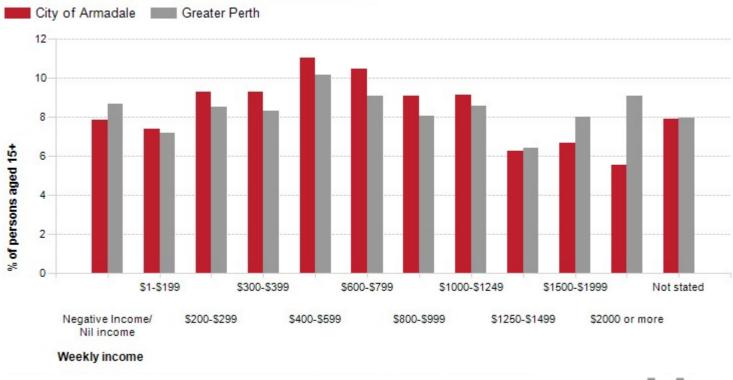
The incomes presented on this page are for the latest Census year only. For comparison of incomes over time, go to Individual Income Quartiles.

#### Weekly individual gross income

City of Armadale		2011	
Weekly income	Number	%	Greater Perth
Negative Income/ Nil income	3,851	7.9	8.7
\$1-\$199	3,620	7.4	7.2
\$200-\$299	4,552	9.3	8.5
\$300-\$399	4,557	9.3	8.3
\$400-\$599	5,399	11.0	10.2
\$600-\$799	5,116	10.5	9.1
\$800-\$999	4,447	9.1	8.0
\$1000-\$1249	4,471	9.1	8.6
\$1250-\$1499	3,064	6.3	6.4
\$1500-\$1999	3,262	6.7	8.0
\$2000 or more	2,713	5.5	9.1
Not stated	3,874	7.9	7.9
Total persons aged 15+	48,926	100.0	100.0

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

# Weekly individual gross income, 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.



### **Dominant groups**

Analysis of individual income levels in the City of Armadale in 2011 compared to Greater Perth shows that there was a lower proportion of persons earning a high income (those earning \$1,500 per week or more) and a higher proportion of low income persons (those earning less than \$400 per week).

Overall, 12.2% of the population earned a high income, and 33.9% earned a low income, compared with 17.1% and 32.7% respectively for Greater Perth.

# The major differences between the City of Armadale's individual incomes and Greater Perth's individual incomes were:

- A larger percentage of persons who earned \$600-\$799 (10.5% compared to 9.1%)
- A *larger* percentage of persons who earned \$800-\$999 (9.1% compared to 8.0%)
- A larger percentage of persons who earned \$300-\$399 (9.3% compared to 8.3%)
- A larger percentage of persons who earned \$400-\$599 (11.0% compared to 10.2%)

# Household income

Households form the common 'economic unit' in our society. The City of Armadale's Household Income is one of the most important indicators of socio-economic status. With other data sources, such as <u>Educational Qualifications</u> and <u>Occupation</u>, it helps to reveal the economic opportunities and socio-economic status of the City of Armadale. 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 <u>Age</u> and <u>Household</u> Composition.

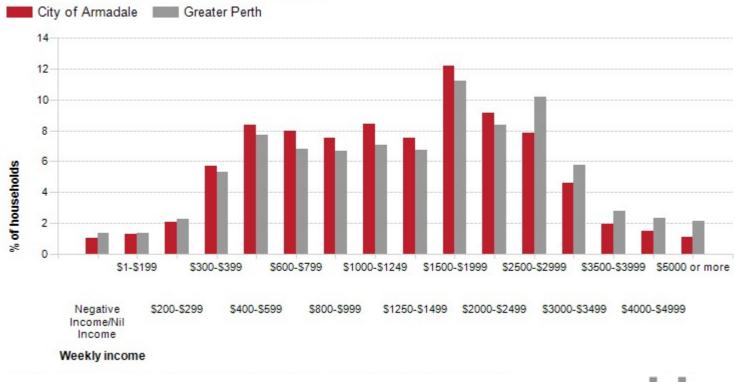
The incomes presented on this page are for the latest Census year only. For comparison of incomes over time, go to Household Income Quartiles.

#### Weekly household income

City of Armadale		2011	
Weekly income	Number	%	Greater Perth
Negative Income/Nil Income	229	1.0	1.3
\$1-\$199	275	1.2	1.3
\$200-\$299	460	2.1	2.2
\$300-\$399	1,252	5.7	5.3
\$400-\$599	1,845	8.3	7.7
\$600-\$799	1,759	8.0	6.8
\$800-\$999	1,661	7.5	6.7
\$1000-\$1249	1,858	8.4	7.0
\$1250-\$1499	1,656	7.5	6.8
\$1500-\$1999	2,701	12.2	11.3
\$2000-\$2499	2,014	9.1	8.4
\$2500-\$2999	1,733	7.8	10.2
\$3000-\$3499	1,008	4.6	5.7
\$3500-\$3999	424	1.9	2.8
\$4000-\$4999	321	1.5	2.3
\$5000 or more	236	1.1	2.1
Not stated	2,676	12.1	12.2
Total households	22,108	100.0	100.0

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

# Weekly household income, 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.

# the population experts

#### **Dominant groups**

Analysis of household income levels in the City of Armadale in 2011 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 \$600 per week).

Overall, 16.8% of the households earned a high income, and 18.4% were low income households, compared with 23.1% and 17.9% respectively for Greater Perth.

#### The major differences between the household incomes of the City of Armadale and Greater Perth were:

- A larger percentage of households who earned \$1000-\$1249 (8.4% compared to 7.0%)
- A larger percentage of households who earned \$600-\$799 (8.0% compared to 6.8%)
- A smaller percentage of households who earned \$2500-\$2999 (7.8% compared to 10.2%)
- A *smaller* percentage of households who earned \$3000-\$3499 (4.6% compared to 5.7%)

### Households summary

The City of Armadale'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.

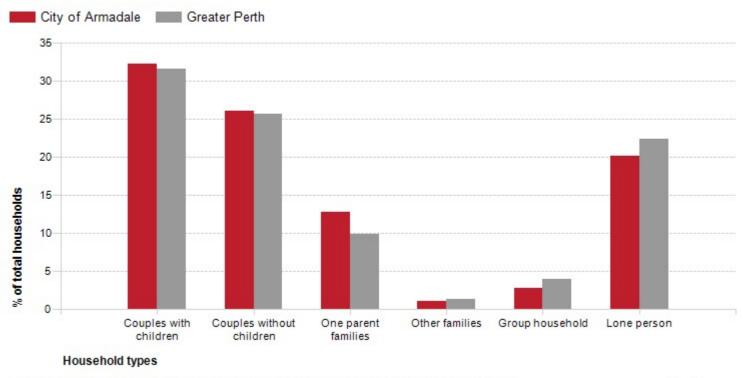
To continue building the story, the City of Armadale's Household Summary should be viewed in conjunction with Households with Children, Households without Children, Household Size, Age Structure and Dwelling Type.

#### Household types

City of Armadale	2011			Change			
Households by type	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Couples with children	7,423	32.2	31.6	6,055	32.3	30.7	+1,368
Couples without children	6,022	26.2	25.7	4,870	26.0	25.1	+1,152
One parent families	2,958	12.8	9.9	2,421	12.9	10.1	+537
Other families	261	1.1	1.4	181	1.0	1.3	+80
Group household	656	2.8	4.0	422	2.3	3.6	+234
Lone person	4,648	20.2	22.4	3,949	21.1	23.6	+699
Other not classifiable household	915	4.0	3.9	737	3.9	4.7	+178
Visitor only households	143	0.6	1.1	109	0.6	0.9	+34
Total households	23,026	100.0	100.0	18,744	100.0	100.0	+4,282

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

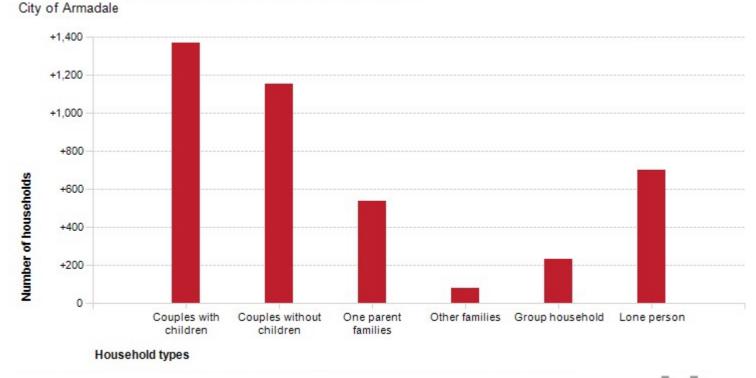
# Household types, 2011



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 household types, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



### **Dominant groups**

Analysis of the household/family types in the City of Armadale in 2011 compared to Greater Perth shows that there was a higher proportion of couple families with child(ren) as well as a higher proportion of one-parent families. Overall, 32.2% of total families were couple families with child(ren), and 12.8% were one-parent families, compared with 31.6% and 9.9% respectively for Greater Perth.

There were a lower proportion of lone person households and a similar proportion of couples without children. Overall, the proportion of lone person households was 20.2% compared to 22.4% in Greater Perth while the proportion of couples without children was 26.2% compared to 25.7% in Greater Perth.

# **Emerging groups**

The number of households in City of Armadale increased by 4,282 between 2006 and 2011.

The largest changes in family/household types in the City of Armadale between 2006 and 2011 were:

- Couples with children (+1,368 households)
- Couples without children (+1,152 households)
- Lone person (+699 households)
- One parent families (+537 households)

## 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 2011, 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, the City of Armadale's Household Size data should be viewed in conjunction with <u>Household</u> Summary, Age Structure, Dwelling Type, Household Income and Language Spoken at Home.

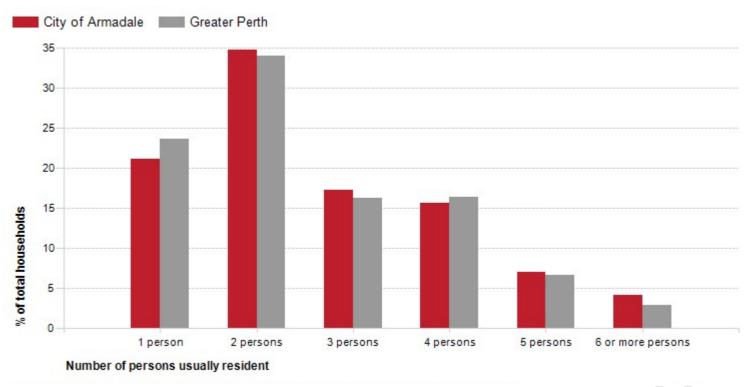
#### Household size

City of Armadale		2011			2006		Change
Number of persons usually resident	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
1 person	4,642	21.1	23.6	3,953	22.1	25.0	+689
2 persons	7,650	34.8	34.0	6,195	34.6	34.3	+1,455
3 persons	3,798	17.3	16.3	2,983	16.7	15.6	+815
4 persons	3,449	15.7	16.5	2,734	15.3	15.9	+715
5 persons	1,529	7.0	6.6	1,290	7.2	6.5	+239
6 or more persons	898	4.1	2.9	746	4.2	2.7	+152
Total classifiable households	21,966	100.0	100.0	17,901	100.0	100.0	+4,065

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

# Household size, 2011

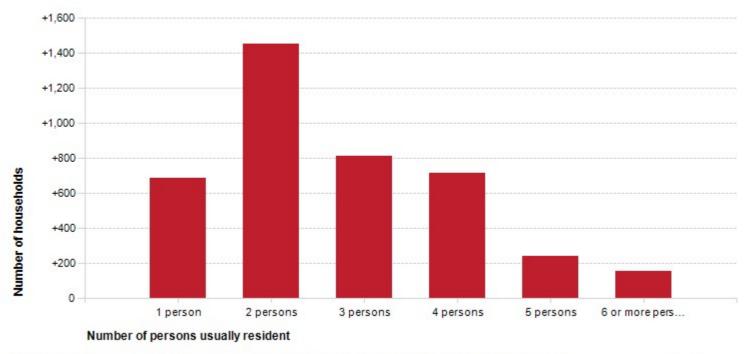
City of Armadale



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

# the population experts

# Change in household size, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (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 the City of Armadale compared with Greater Perth shows that there were a lower proportion of lone person households, and a higher proportion of larger households (those with 4 persons or more). Overall there were 21.1% of lone person households, and 26.8% of larger households, compared with 23.6% and 26.0% respectively for Greater Perth.

The major differences in the household size for the City of Armadale and Greater Perth were:

- A larger percentage of households with 6 or more persons usually resident (4.1% compared to 2.9%)
- A smaller percentage of households with 1 person usually resident (21.1% compared to 23.6%)

#### Emerging groups

The number of households in City of Armadale increased by 4,065 between 2006 and 2011.

The largest changes in the number of persons usually resident in a household in the City of Armadale between 2006 and 2011 were:

- 2 persons (+1,455 households)
- 3 persons (+815 households)
- 4 persons (+715 households)
- 1 person (+689 households)

# Dwelling type

Dwelling Type is an important determinant of the City of Armadale'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 <u>Household size</u>, <u>Household Types</u>, <u>Housing Tenure</u> and <u>Age Structure</u> for a more complete picture of the housing market in the City of Armadale.

City of Armadale		2011			2006		Change
Dwelling type	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Separate house	22,116	88.3	76.7	18,046	89.6	77.4	+4,070
Medium density	2,739	10.9	17.9	1,794	8.9	17.8	+945
High density	42	0.2	4.8	51	0.3	4.1	-9
Caravans, cabin, houseboat	116	0.5	0.4	226	1.1	0.5	-110
Other	22	0.1	0.1	34	0.2	0.1	-12
Not stated	13	0.1	0.1	0	0.0	0.1	+13
Total Private Dwellings	25,048	100.0	100.0	20,151	100.0	100.0	+4,897

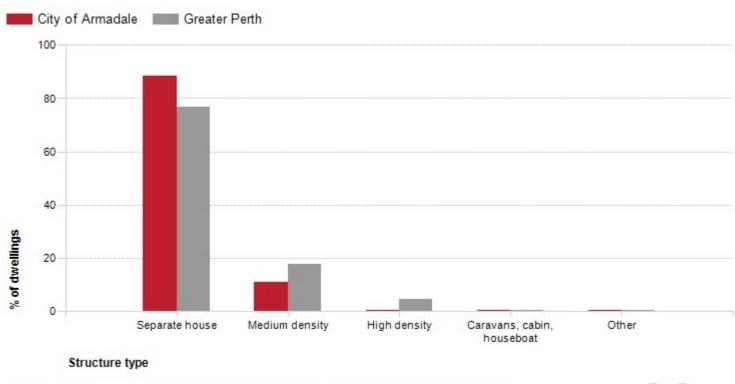
#### Dwelling structure

#### Dwelling type

City of Armadale		2011			2006		Change
Dwelling type	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Occupied private dwellings	23,026	91.9	90.8	18,743	92.9	91.3	+4,283
Unoccupied private dwellings	2,021	8.1	9.1	1,410	7.0	8.6	+611
Non private dwellings	15	0.1	0.1	17	0.1	0.1	-2
Total Dwellings	25,062	100.0	100.0	20,170	100.0	100.0	+4,892

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

### Dwelling structure, 2011

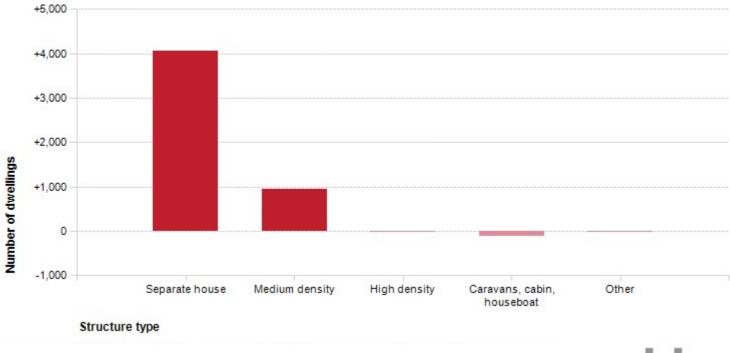


Source: Australian Bureau of Statistics, Census of Population and Housing, 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



# Change in dwelling structure, 2006 to 2011





Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



# Dominant groups

In 2011, there were 22,116 separate houses in the area, 2,739 medium density dwellings, and 42 high density dwellings.

Analysis of the types of dwellings in the City of Armadale in 2011 shows that 88.3% of all dwellings were separate houses; 10.9% were medium density dwellings, and 0.2% were high density dwellings, compared with 76.7%, 17.9%, and 4.8% in the Greater Perth respectively.

In 2011, a total of 91.9% of the dwellings in the City of Armadale were occupied on Census night, compared to 90.8% in Greater Perth. The proportion of unoccupied dwellings was 8.1%, which is smaller compared to that found in Greater Perth (9.1%).

#### Emerging groups

The total number of dwellings in the City of Armadale increased by 4,892 between 2006 and 2011.

The largest changes in the type of dwellings found in the City of Armadale between 2006 and 2011 were:

- Separate house (+4,070 dwellings)
- Medium density (+945 dwellings)
- Caravans, cabin, houseboat (-110 dwellings)

## Number of bedrooms per dwelling

The Number of Bedrooms in a dwelling is an indicator of the size of dwellings, and when combined with <u>dwelling type</u> information, provides insight into the role the City of Armadale 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.

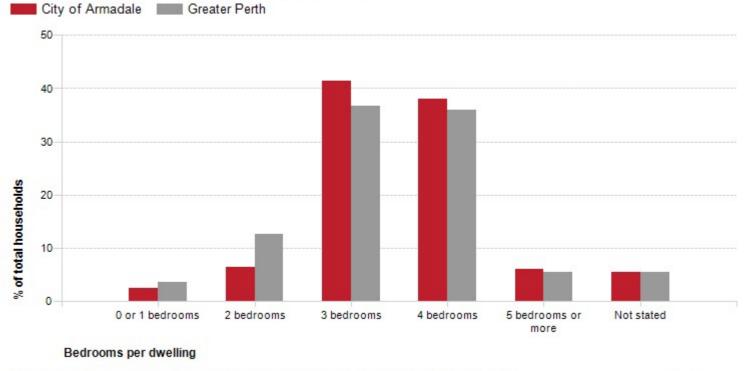
In combination with <u>Household type</u> and <u>Household size</u>, the Number of Bedrooms can also indicate issues around housing affordability, overcrowding and other socio-economic factors.

City of Armadale		2011			2006		Change
Number of bedrooms	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
0 or 1 bedrooms	569	2.5	3.6	471	2.5	3.5	+98
2 bedrooms	1,474	6.4	12.6	1,369	7.3	13.0	+105
3 bedrooms	9,546	41.5	36.7	8,338	44.5	37.7	+1,208
4 bedrooms	8,770	38.1	36.0	6,307	33.6	33.9	+2,463
5 bedrooms or more	1,385	6.0	5.5	1,172	6.3	5.4	+213
Not stated	1,282	5.6	5.5	1,086	5.8	6.5	+196
Total households	23,026	100.0	100.0	18,743	100.0	100.0	+4,283

#### Number of bedrooms per dwelling

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

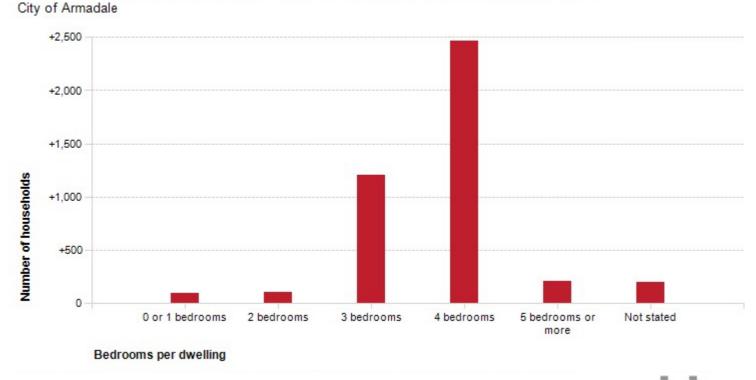
### Number of bedrooms per dwelling, 2011



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, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 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 City of Armadale in 2011 compared to Greater Perth shows that there was a lower proportion of dwellings with 1 and 2 bedrooms, and a higher proportion of dwellings with 4 or more bedrooms.

Overall, 8.9% of households were in 1-2 bedroom dwellings, and 44.1% of 4-plus bedroom dwellings, compared with 16.2% and 41.6% for Greater Perth respectively.

#### The major differences between the number of bedrooms per dwelling of the City of Armadale and Greater Perth were:

- A larger percentage of 3 bedroom dwellings (41.5% compared to 36.7%)
- A larger percentage of 4 bedroom dwellings (38.1% compared to 36.0%)
- A smaller percentage of 2 bedroom dwellings (6.4% compared to 12.6%)
- A smaller percentage of dwellings with no bedrooms (includes bedsitters) (2.5% compared to 3.6%)

#### Emerging groups

The largest changes in the number of bedrooms per dwelling in the City of Armadale between 2006 and 2011 were:

- 4 bedrooms (+2,463 dwellings)
- 3 bedrooms (+1,208 dwellings)
- 5 bedrooms or more (+213 dwellings)
- 2 bedrooms (+105 dwellings)

### Internet connection

A fast Internet Connection is increasingly required for accessing essential information and undertaking domestic and non-domestic business. Households with dial-up or no internet service are being left behind in the digital divide' as both government and the private sector are increasingly conducting their business, or aspects of it, on-line.

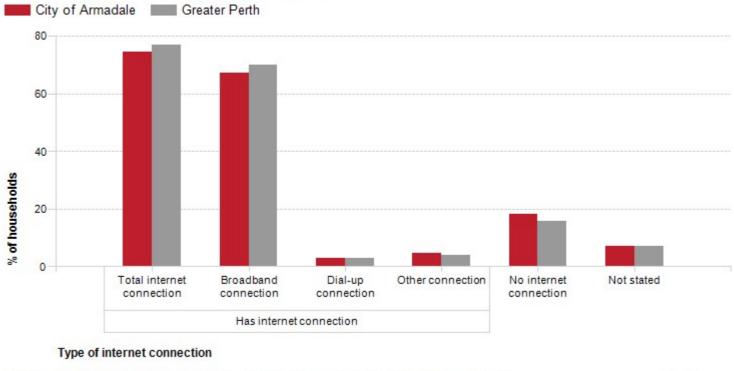
Internet connectivity in the City of Armadale can be affected by availability of connection, <u>Education</u>, <u>Household</u> <u>Income</u> and <u>Age Structure</u>.

City of Armadale		2011			2006		Change
Connection type	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Total internet connection	17,195	74.7	77.0	10,658	56.9	61.6	+6,537
<ul> <li>Broadband connection</li> </ul>	15,466	67.2	70.1	6,477	34.6	40.7	+8,989
<ul> <li>Dial-up connection</li> </ul>	683	3.0	2.9	4,067	21.7	20.3	-3,384
<ul> <li>Other connection</li> </ul>	1,046	4.5	4.0	114	0.6	0.6	+932
No internet connection	4,172	18.1	15.8	6,779	36.2	30.8	-2,607
Not stated	1,658	7.2	7.1	1,305	7.0	7.6	+353
Total households	23,025	100.0	100.0	18,742	100.0	100.0	+4,283

#### Type of internet connection

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

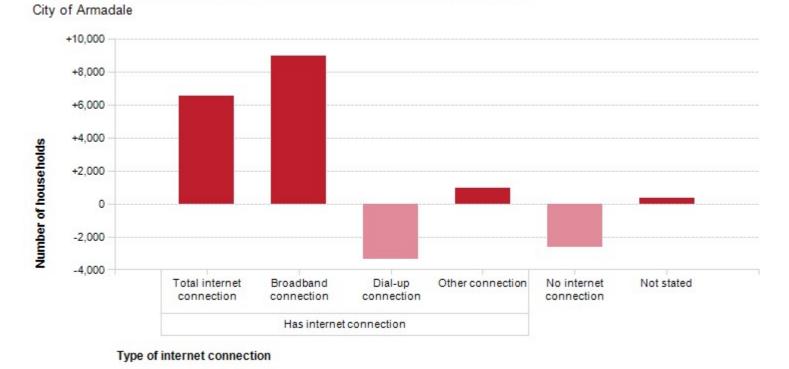
### Type of internet connection, 2011



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 type of internet connection, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (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 the City of Armadale compared to Greater Perth shows that there was a higher proportion of households with either no internet connection or a dial up connection, and a lower proportion of households with broadband connectivity.

Overall 21.1% of households had no internet connection or a dial up connection, and 67.2% had broadband connectivity, compared with 18.7% and 70.1% respectively in Greater Perth.

### **Emerging groups**

Between 2006 and 2011 the number of households with an internet connection increased by 6,537.

The largest changes in the internet connectivity in the City of Armadale, between 2006 and 2011 were:

- Broadband connection (+8,989 households)
- Total internet connection (+6,537 households)
- Dial-up connection (-3,384 households)

# Number of cars per household

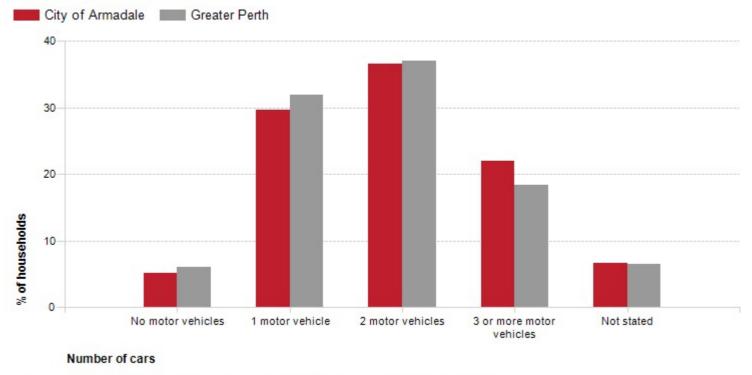
The ability of the population to access services and employment is strongly influenced by access to transport. The number of motor vehicles per household in the City of Armadale quantifies access to private transport and will be influenced by <u>Age Structure</u> and <u>Household Type</u>, which determine the number of adults present; access to <u>Public</u> <u>Transport</u>; distance to shops, services, employment and education; and <u>Household Income</u>. 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

City of Armadale		2011			2006		Change
Number of cars	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
No motor vehicles	1,184	5.1	6.0	1,159	6.2	6.8	+25
1 motor vehicle	6,832	29.7	32.0	5,884	31.4	33.2	+948
2 motor vehicles	8,422	36.6	37.1	6,524	34.8	35.9	+1,898
3 or more motor vehicles	5,048	21.9	18.4	3,813	20.3	16.3	+1,235
Not stated	1,539	6.7	6.5	1,363	7.3	7.9	+176
Total households	23,025	100.0	100.0	18,743	100.0	100.0	+4,282

Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

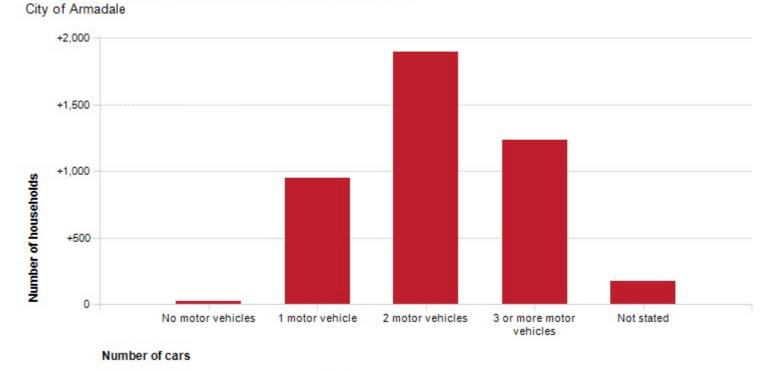
# Car ownership, 2011



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 car ownership, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.



#### Dominant groups

Analysis of the car ownership of the households in the City of Armadale in 2011 compared to Greater Perth shows that 88.2% of the households owned at least one car, while 5.1% did not, compared with 87.5% and 6.0% respectively in Greater Perth.

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

Overall, 29.7% of the households owned one car; 36.6% owned two cars; and 21.9% owned three cars or more, compared with 32.0%; 37.1% and 18.4% respectively for Greater Perth.

#### **Emerging groups**

The largest changes in the household car ownership in the City of Armadale between 2006 and 2011 were:

- 2 motor vehicles (+1,898 households)
- 3 or more motor vehicles (+1,235 households)
- 1 motor vehicle (+948 households)

# Housing tenure

The City of Armadale'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-nester <u>Household Summary</u>. Tenure can also reflect built form (<u>Dwelling Type</u>), 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.

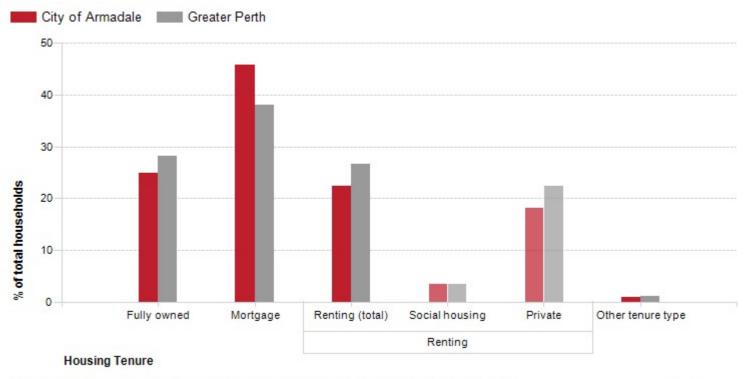
In conjunction with other socio-economic status indicators in the City of Armadale, Tenure data is useful for analysing housing markets, housing affordability and identifying public housing areas.

#### Housing tenure

City of Armadale		2011			2006		Change
Tenure type	Number	%	Greater Perth	Number	%	Greater Perth	2006 to 2011
Fully owned	5,733	24.9	28.1	5,353	28.6	29.8	+380
Mortgage	10,538	45.8	38.0	8,229	43.9	37.3	+2,309
Renting	5,158	22.4	26.7	3,773	20.1	24.7	+1,385
Renting - Social housing	828	3.6	3.6	678	3.6	3.7	+150
Renting - Private	4,229	18.4	22.6	2,988	15.9	20.4	+1,241
Renting - Not stated	101	0.4	0.5	107	0.6	0.6	-6
Other tenure type	208	0.9	1.1	148	0.8	1.0	+60
Not stated	1,389	6.0	6.1	1,239	6.6	7.2	+150
Total households	23,026	100.0	100.0	18,742	100.0	100.0	+4,284

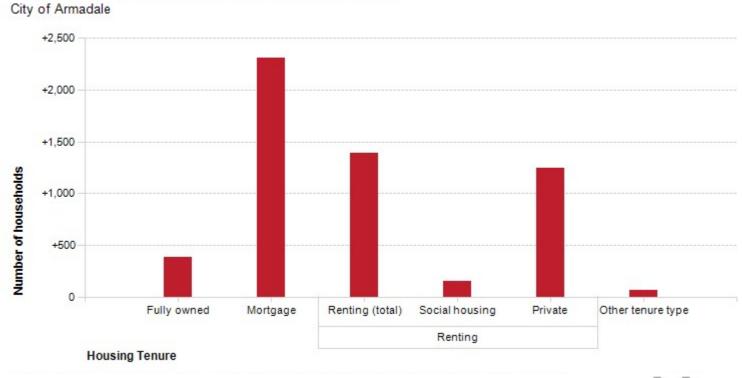
Source: Australian Bureau of Statistics, Census of Population and Housing 2006 and 2011. Compiled and presented in profile.id by .id, the population experts.

# Housing tenure, 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 housing tenure, 2006 to 2011



Source: Australian Bureau of Statistics, Census of Population and Housing, 2006 and 2011 (Enumerated data) Compiled and presented in profile.id by .id, the population experts.

# the population experts

### **Dominant groups**

Analysis of the housing tenure of the population of the City of Armadale in 2011 compared to Greater Perth shows that there was a smaller proportion of households who owned their dwelling; a larger proportion purchasing their dwelling; and a smaller proportion who were renters.

Overall, 24.9% of the population owned their dwelling; 45.8% were purchasing, and 22.4% were renting, compared with 28.1%, 38.0% and 26.7% respectively for Greater Perth.

### Emerging groups

The largest changes in housing tenure categories for the households in the City of Armadale between 2006 and 2011 were:

- Mortgage (+2,309 persons)
- Renting Private (+1,241 persons)
- Fully owned (+380 persons)
- Renting Social housing (+150 persons)

The total number of households in City of Armadale increased by 4,284 between 2006 and 2011.

### Housing loan repayments

Mortgage repayments are directly related to house prices in the City of Armadale, length of occupancy and the level of equity of home owners. When viewed with <u>Household Income</u> 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.

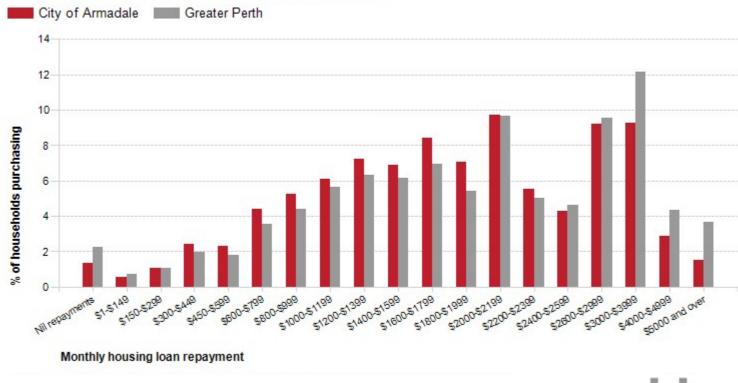
Mortgage payment levels are not directly comparable over time because of inflation. For comparison of mortgage payments over time, go to <u>Housing Loan Quartiles</u>.

#### Monthly housing loan repayments

City of Armadale		2011	
Monthly repayment amount	Number	%	Greater Perth
Nil repayments	142	1.3	2.2
\$1-\$149	60	0.6	0.7
\$150-\$299	111	1.1	1.0
\$300-\$449	253	2.4	2.0
\$450-\$599	241	2.3	1.8
\$600-\$799	462	4.4	3.6
\$800-\$999	553	5.2	4.4
\$1000-\$1199	645	6.1	5.7
\$1200-\$1399	761	7.2	6.3
\$1400-\$1599	723	6.9	6.2
\$1600-\$1799	884	8.4	6.9
\$1800-\$1999	744	7.1	5.4
\$2000-\$2199	1,026	9.7	9.6
\$2200-\$2399	581	5.5	5.0
\$2400-\$2599	454	4.3	4.6
\$2600-\$2999	973	9.2	9.5
\$3000-\$3999	978	9.3	12.2
\$4000-\$4999	300	2.8	4.3
\$5000 and over	159	1.5	3.7
Not stated	487	4.6	4.8
Total households with a mortgage	10,537	100.0	100.0

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

# Monthly housing loan repayments, 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.



#### **Dominant groups**

Analysis of the monthly housing loan repayments of households in the City of Armadale 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 \$1000 per month).

Overall, 22.9% of households were paying high mortgage repayments, and 17.3% were paying low repayments, compared with 29.7% and 15.8% respectively in Greater Perth.

#### The major differences between the household loan repayments of the City of Armadale and Greater Perth were:

- A larger percentage of \$1800-\$1999 (7.1% compared to 5.4%)
- A *larger* percentage of \$1600-\$1799 (8.4% compared to 6.9%)
- A smaller percentage of \$3000-\$3999 (9.3% compared to 12.2%)
- A smaller percentage of \$5000 and over (1.5% compared to 3.7%)

# Housing rental payments

Rental payments can be a better measure of the cost of housing in the City of Armadale 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 <u>Tenure Type</u>), or areas where low income households move by necessity for a lower cost of living.

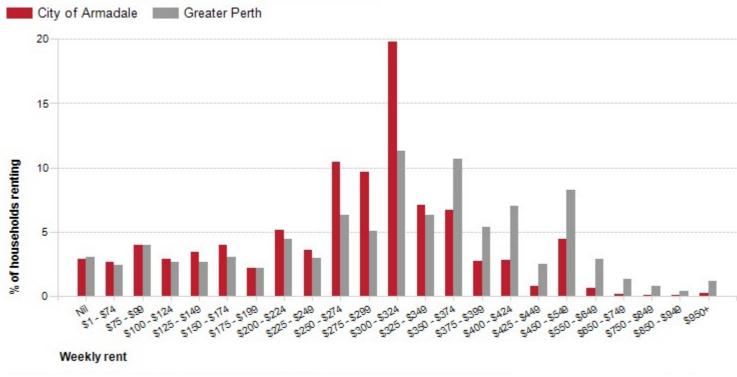
Rental payments are not directly comparable over time because of inflation. For comparison of rental payments over time, go to Housing Rental Quartiles.

#### Weekly housing rental payments

City of Armadale		2011	
Weekly rental amount	Number	%	Greater Perth
Nil	150	2.9	3.1
\$1 - \$74	137	2.7	2.4
\$75 - \$99	206	4.0	3.9
\$100 - \$124	150	2.9	2.6
\$125 - \$149	175	3.4	2.6
\$150 - \$174	203	3.9	3.0
\$175 - \$199	114	2.2	2.2
\$200 - \$224	265	5.1	4.4
\$225 - \$249	184	3.6	2.9
\$250 - \$274	536	10.4	6.3
\$275 - \$299	497	9.6	5.1
\$300 - \$324	1,019	19.8	11.3
\$325 - \$349	365	7.1	6.3
\$350 - \$374	347	6.7	10.7
\$375 - \$399	141	2.7	5.4
\$400 - \$424	145	2.8	7.0
\$425 - \$449	40	0.8	2.5
\$450 - \$549	228	4.4	8.2
\$550 - \$649	33	0.6	2.9
\$650 - \$749	9	0.2	1.3
\$750 - \$849	3	0.1	0.8
\$850 - \$949	3	0.1	0.4
\$950+	13	0.3	1.2
Rent Not stated	190	3.7	3.3
Total households renting	5,153	100.0	100.0

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

# Weekly housing rental payments, 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.



#### Dominant groups

Analysis of the weekly housing rental payments of households in the City of Armadale compared to Greater Perth shows that there was a smaller proportion of households paying high rental payments (\$400 per week or more), and a larger proportion of households with low rental payments (less than \$150 per week).

Overall, 9.2% of households were paying high rental payments, and 15.9% were paying low payments, compared with 24.3% and 14.7% respectively in Greater Perth.

#### The major differences between the housing rental payments of the City of Armadale and Greater Perth were:

- A larger percentage of \$250 \$274 (10.4% compared to 6.3%)
- A smaller percentage of \$400 \$424 (2.8% compared to 7.0%)
- A smaller percentage of \$350 \$374 (6.7% compared to 10.7%)
- A smaller percentage of \$450 \$549 (4.4% compared to 8.2%)

### SEIFA - disadvantage

The City of Armadale SEIFA Index of Disadvantage measures the relative level of socio-economic disadvantage based on a range of Census characteristics. It is a good place to start to get a general view of the relative level of disadvantage in one area compared to others and is used to advocate for an area based on its level of disadvantage.

The index is derived from attributes that reflect disadvantage such as low <u>income</u>, low <u>educational attainment</u>, high <u>unemployment</u>, and jobs in relatively unskilled <u>occupations</u>. When targeting services to disadvantaged communities, 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.

SEIFA by Local Government Area

SEIFA by small areas

Index of relative socio-economic disadvantage

#### Local Government Areas in Western Australia

Local Government Area	2011 index
Peppermint Grove (S)	1,126.5
Cambridge (T)	1,117.2
Cottesloe (T)	1,116.3
Nedlands (C)	1,115.4
Claremont (T)	1,095.3
East Fremantle (T)	1,088.5
Joondalup (C)	1,082.4
Subiaco (C)	1,076.9
Melville (C)	1,076.6
Kent (S)	1,066.5
Mosman Park (T)	1,065.7
Narrogin (S)	1,065.3
South Perth (C)	1,065.0
Perth (C)	1,062.7
Roebourne (S)	1,059.8
Vincent (T)	1,058.5
Ashburton (S)	1,057.3
Mundaring (S)	1,052.4
Kalamunda (S)	1,050.3
Mount Marshall (S)	1,048.1
Serpentine-Jarrahdale (S)	1,047.2
Capel (S)	1,044.5
Lake Grace (S)	1,042.0
Wandering (S)	1,041.1
Chittering (S)	1,039.5
Jerramungup (S)	1,037.0
West Arthur (S)	1,036.0
Cockburn (C)	1,034.6
Canning (C)	1,034.2
Port Hedland (T)	1,032.9
Williams (S)	1,032.8

#### Local Government Areas in Western Australia

Local Government Area	2011 index
Perenjori (S)	1,031.4
Dalwallinu (S)	1,031.0
Dardanup (S)	1,028.4
Stirling (C)	1,028.3
Ravensthorpe (S)	1,025.6
Exmouth (S)	1,025.6
Wanneroo (C)	1,025.5
Boddington (S)	1,025.4
Augusta-Margaret River (S)	1,025.1
Chapman Valley (S)	1,022.6
Victoria Park (T)	1,020.6
Bayswater (C)	1,020.3
Mukinbudin (S)	1,019.6
Dumbleyung (S)	1,018.3
Victoria Plains (S)	1,017.1
Kalgoorlie/Boulder (C)	1,015.3
Harvey (S)	1,014.1
Rockingham (C)	1,012.0
Kulin (S)	1,010.8
Busselton (S)	1,010.7
Swan (C)	1,010.6
Fremantle (C)	1,008.8
Woodanilling (S)	1,008.2
Cuballing (S)	1,005.2
Narembeen (S)	1,004.8
Bassendean (T)	1,004.3
Gosnells (C)	1,004.1
Cunderdin (S)	1,003.8
Dandaragan (S)	1,003.0
Carnamah (S)	1,000.4
Denmark (S)	997.7
Donnybrook-Balingup (S)	996.4
Armadale (C)	996.1
Westonia (S)	994.7
Toodyay (S)	994.3
Esperance (S)	993.5
Kondinin (S)	992.5
Gingin (S)	992.1
Kojonup (S)	992.0
Wongan-Ballidu (S)	990.3
Gnowangerup (S)	989.8
Dowerin (S)	989.5
Boyup Brook (S)	988.5
Page 79 of 82	

#### Local Government Areas in Western Australia

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#### Local Government Areas in Western Australia

Local Government Area	2011 index
Narrogin (T)	941.5
Trayning (S)	941.5
Sandstone (S)	939.7
Quairading (S)	931.2
Carnarvon (S)	924.3
Yalgoo (S)	914.5
Kellerberrin (S)	910.1
Katanning (S)	908.9
Pingelly (S)	902.8
Dundas (S)	899.3
Wyndham-East Kimberley (S)	889.8
Murchison (S)	883.0
Cue (S)	867.2
Mount Magnet (S)	854.1
Meekatharra (S)	851.6
Wiluna (S)	798.6
Laverton (S)	770.1
Derby-West Kimberley (S)	746.1
Upper Gascoyne (S)	716.8
Menzies (S)	611.8
Ngaanyatjarraku (S)	606.6
Halls Creek (S)	597.6

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

### 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</u>, .id, analyse and convert these raw figures into stories of place to inform council staff, community groups, investors, business, students and the general public.

The City of Armadale Community Profile provides demographic analysis for the City and its suburbs based on results from the 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> <u>Notes</u> section.

Results for the City of Armadale 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 City of Armadale.