

Key Aged Care Demographic Analysis

Western Sydney, NSW

Lebanese Moslem Association



Report

28th April 2015

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Executive Summary

Assignment Overview

The Lebanese Moslem Association (“LMA”) has engaged Premier Consulting (“Premier”) to assist in developing an Integrated Business / Capital Development Plan (“Integrated Business Plan”) for a new culturally appropriate residential aged care facility (“RACF”) located in Lakemba, New South Wales.

Premier, as support for the Integrated Business Plan, has prepared a Western Sydney Demographic Analysis report detailing the population data within this catchment area.

The purpose of the demographic report is to provide a detailed understanding of the likely demand for a RACF in the Lebanese Muslim and the broader Arabic speaking Muslim communities of Western Sydney. The demographic data assesses the size and characteristics of the geographic Muslim population group, cultural and linguistic diversity as well as the economic circumstances, using the ABS Australian Census of Population and Housing as at 2011.

While the aged care site is located at Lakemba and situated within the Canterbury SLA, the proposed RACF will attract residents from Muslim communities in the broader Western Sydney catchment area. Accordingly, we have identified the following three (3) Aged Care Planning Regions as representative of the broader Western Sydney area:

1. Inner West region;
2. South West Sydney region; and
3. Western Sydney.

The thirty-two (32) SLAs within these three Regions are included in this demographics analysis and classified as the “Catchment Area”.

Aged Care Planning Regions:	Inner West	South West Sydney	Western Sydney
SLAs	Ashfield (A)	Bankstown (C) - North-East	Auburn (C)
	Burwood (A)	Bankstown (C) - North-West	Blacktown (C) - North
	Canada Bay (A) - Concord	Bankstown (C) - South	Blacktown (C) - South-East
	Canada Bay (A) - Drummoyne	Camden (A)	Blacktown (C) - South-West
	Canterbury (C)	Campbelltown (C) - North	Holroyd (C)
	Leichhardt (A)	Campbelltown (C) - South	Parramatta (C) - Inner
	Marrickville (A)	Fairfield (C) - East	Parramatta (C) - North-East
	Strathfield (A)	Fairfield (C) - West	Parramatta (C) - North-West
		Liverpool (C) - East	Parramatta (C) - South
		Liverpool (C) - West	The Hills Shire (A) - Central
		Wingecarribee (A)	The Hills Shire (A) - North
		Wollondilly (A)	The Hills Shire (A) - South

The demographics report examines the following statistics:

- General population data of Canterbury Statistical Local Area (“SLA”):
 - o Demand and supply of residential aged care beds
 - o Competitor advertised maximum Refundable Accommodation Deposits (“RADs”) on My Aged Care website
 - o SLA median house price analysis
 - o Home ownership levels
 - o Weekly income of population aged 70 years and over
 - o Need for assistance

- Identified Catchment Area:
 - o Demand and supply of residential aged care beds in three (3) Aged Care Planning Regions (Inner West, South West Sydney and Western Sydney)
 - o Profile of Catchment Area
 - o Current and projected population growth of Lebanese Muslims and Arabic speaking Muslims
 - o Weekly income
 - o Need for assistance
- Australia:
 - o National trends of dementia, Lebanese migrants, Arabic speaking population and Muslim population

As part of the Islamic cultural requirements, there is an expectation of gender segregation within the accommodation availability for the proposed RACF. Accordingly, the report individualises the demand for aged care beds on a gender basis as well as a total demand position.

Summary Result

Residential Aged Care Places - Demand / Supply in Canterbury SLA

The following table presents the key results of the demand and supply of residential places within the Canterbury SLA utilising the Department of Social Services ("DSS") Living Longer, Living Better ("LLLB") ratio rule which assumes:

- 88 aged care places per 1,000 people aged 70+ between 2011 – 2016;
- 85 places per 1,000 people aged 70+ between 2017 – 2021; and
- 80 places per 1,000 people aged 70+ thereafter

Canterbury SLA				
Comparison of Service Provision to LLLB Benchmarks				
	70+	Demand	Supply	Surplus / (Shortfall)
2011	13,386	1,178	687	(491)
2016	15,437	1,358	755	(603)
2021	17,546	1,491	755	(736)
2026	19,708	1,577	755	(822)

The Aged Care Approvals Round (ACAR) is a competitive application process that enables prospective and existing approved providers of aged care to apply for a range of new Australian Government funded residential aged care places and financial assistance in the form of a capital grant. Places are allocated to applicants that demonstrate that they can best meet the aged care needs within a particular planning region.

Canterbury SLA belongs to the Inner West Planning region and the demand / supply comparison is tabled below with the supply based on the Aged Care Service List as at June 2014 published by DSS.

Inner West Planning Region				
Comparison of Service Provision to LLLB Benchmarks				
	70+	Demand	Supply	Surplus / (Shortfall)
2011	42,678	3,756	4,488	732
2016	47,465	4,177	4,566	389
2021	55,286	4,699	4,566	(133)
2026	63,409	5,073	4,566	(507)

Lebanese Muslim, Arabic Speaking Muslim and Muslim Demand/Supply

The following table presents the key results of the projected demand for residential places by the Lebanese Muslim, Arabic speaking Muslims and broader Muslims within the Catchment Area:

	Lebanese Muslims			Arabic Speaking Muslims			Muslims		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
2011	46	38	84	67	56	123	137	123	260
2016	77	58	135	113	85	198	238	188	426
2021	116	94	210	172	139	311	372	310	681
2026	148	131	279	221	193	414	482	430	912

The analysis suggests, as the table above demonstrates, in 2011 there was a need for 260 Muslim specific residential places, with the projected demand increasing to 912 places by 2026 in the Catchment Area.

The following table presents the key results of the projected demand for residential places by the Lebanese Muslim, Arabic speaking Muslims and broader Muslims within the New South Wales:

	Lebanese Muslims			Arabic Speaking Muslims			Muslims		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
2011	56	46	102	82	68	151	191	169	360
2016	91	71	162	136	105	241	319	257	576
2021	137	112	249	206	166	371	489	403	891
2026	171	149	319	258	220	477	616	532	1,148

The analysis suggests, as the table above demonstrates, in 2011 there was a need for 360 Muslim specific residential places, with the projected demand increasing to 1,148 places by 2026 in New South Wales.

The competitor research indicated that currently there is no operational Muslim specific RACF in NSW. However, it was noted from the 2014 ACAR results, the Auburn Gallipoli Health Services were allocated 95 aged care beds and we understand are planning to build a Muslim specific RACF located at Auburn, NSW. This facility is not expected to offer full gender segregation.

Weekly Income of Population Aged 70+

In NSW, 57.9% of the total population aged 70 years and over were earning less than \$400 per week.

The Lebanese Muslim population percentage earning less than \$400 per week to 85.2% versus the NSW average of 57.9%. Dissected further, of the Arabic speaking Muslim population aged 70 years and over the percentage is 82.2% and 81.4% for the Muslim population in the Catchment Area.

The following table details the average earnings statistical data from the 2011 census:

Weekly Income 2011 Census	Lebanese Muslims Aged 70+		Arabic Speaking Muslims Aged 70+		Muslims Aged 70+		NSW Aged 70+	
	#	%	#	%	#	%	#	%
Negative income	-	0.0%	4	0.3%	28	0.9%	3,059	0.4%
Nil income	34	3.6%	60	4.3%	216	7.3%	18,550	2.6%
\$1-\$199	80	8.4%	98	7.0%	235	7.9%	31,696	4.4%
\$200-\$299	453	47.6%	632	45.4%	1,254	42.2%	170,079	23.8%
\$300-\$399	243	25.6%	350	25.2%	683	23.0%	190,055	26.6%
\$400-\$599	70	7.4%	114	8.2%	251	8.5%	113,604	15.9%
\$600-\$799	18	1.9%	39	2.8%	78	2.6%	40,221	5.6%
\$800-\$999	-	0.0%	5	0.4%	17	0.6%	20,263	2.8%
\$1,000-\$1,249	-	0.0%	6	0.4%	9	0.3%	13,725	1.9%
\$1,250-\$1,499	-	0.0%	3	0.2%	15	0.5%	7,730	1.1%
\$1,500-\$1,999	-	0.0%	3	0.2%	6	0.2%	7,477	1.0%
\$2,000 or more	3	0.3%	-	0.0%	14	0.5%	10,572	1.5%
Not stated	50	5.3%	77	5.5%	163	5.5%	86,820	12.2%

Source: 2011 census results

Home Ownership

Home ownership in the catchment area is 25.9% which is comparatively lower than the NSW average of 31.9% and the average Australia ownership percentage of 31.0%.

The following table sets out the dwelling numbers and percentages:

Dwelling Ownership	Fully Owned	Total Dwellings	Percent
2011 Census	#	#	%
Catchment Area	195,944	755,934	25.9%
New South Wales	830,173	2,599,174	31.9%
Australia	2,539,259	8,181,750	31.0%

Source: 2011 census results

National Trends

Dementia

LMA will be providing dementia care within the RACF for people with all levels of memory impairment. LMA understands the disease varies considerably and they engaging with industry leaders to develop a good understanding of the needs of people with cognitive impairments and the many different components of managing these services.

The table below indicates the significant increase in the prevalence of dementia in the 70+ age group, and in particular the projected 47.2% increase expected during the decade beginning 2030:

		2011	2012	2015	2020	2030	2040	2050
Dementia Prevalence Aged 70 +	#	235,704	246,459	280,328	345,403	508,410	711,300	884,511
	Growth Rate		4.6%	13.7%	23.2%	47.2%	39.9%	24.4%

Source: Dementia Across Australia: 2011 – 2050, September 2011

Focusing on 2011, the number of dementia sufferers above 70 years of age of 235,704 represented approximately 11% of the total population over 70 years of age in Australia. Broadly applying this percentage to the overall Lebanese Muslim population in the Catchment Area based on 2011 results, it indicates approximately 105 persons from this community are suffering with dementia, with an increase to approximately 394 persons in 2050.

Migration & Religious Affiliation

This section identifies the growth in Lebanese migrants, the Arabic speaking population and the growth of Islam as a religion in Australia based on the 2006 and 2011 Census results.

	2006 Census	2011 Census	Growth Rate
Lebanese Migrants	74,849	76,450	2.1%
Arabic Speaking Population	243,662	287,174	17.9%
Religious Affiliation: Islam	340,392	476,290	39.9%

It is clear from the above that there is an upward trend in the growth of Lebanese migrants, Arabic speaking population and Muslims in Australia in 2011 compared to 2006.

The following table projects this trend to 2026 should the same levels of migration and religious affiliation continue at the same percentage increase:

	2016 Projection	2021 Projection	2026 Projection
Lebanese Migrants	78,085	79,755	81,461
Arabic Speaking Population	338,456	398,896	470,129
Religious Affiliation: Islam	666,444	932,515	1,304,812

Conclusion

Aged care bed numbers Inner West Planning Region indicate a surplus in 2016 of +389. This surplus is expected to revert to a negative -133 beds by 2021 and a further negative position of -507 beds by 2026. In the same period, the projected demand for specific Muslim related services will increase to 912 places by 2026.

The projected growth in migration and religious affiliation using the average growth percentages from 2006 – 2011, assuming the growth is consistent in future years, indicates a potential community group of 1.3m Lebanese migrants, Arabic speaking and Islam affiliated people.

The growth in demand from the Muslim community and the lack of supply for aged care beds from 2021 within the catchment adds credence to the case for the LMA RACF development to proceed.

The Lebanese and Arabic speaking community in the catchment area have lower than average home ownership and the 70+ aged component has below average weekly incomes. The LMA strategy, as an active community services provider, will target and support this lower socioeconomic sector as part of their mission by offering higher percentages of beds in the aged care facility to the marginalised members of their community.

The statistics indicate a strong need for the provision of aged care services in the Muslim community targeted to the lower socioeconomic members of the community. The statistical evidence combined with the strategic mission direction to support this sector, adds credence to the case for the LMA RACF development to proceed.

The national trends of increasing occurrences of dementia and memory impairment in the elderly, including the broader migrant population, demonstrates both a need for increased dementia care and culturally appropriate accommodation and services. The proposed LMA Aged Care facility plans include a dementia specific wing with outdoor secure areas and will provide for residents with varying levels of memory impairment across all beds, in an ageing-in-place environment.

The statistical evidence of increasing dementia suffers, combined with the facility planning for the provision of specialised dementia accommodation, adds credence to the case for the LMA RACF development to proceed.

The conclusion taken from the demographic analysis across the Catchment Area, reducing bed supply, Lebanese community and religious growth extrapolations, combined with the LMA community focussed strategy, provides a compelling case for the RACF project to proceed.

Canterbury SLA Analysis

The analysis in this section focusses on the general demand and supply of aged care beds in Lakemba and the Local Government Area of Canterbury. Consequently, the Canterbury Statistical Local Area ("SLA") has been used as the basis for examining the:

- current population and formulating population projections of potential residents;
- demand and supply of general residential places;
- median house prices; and
- maximum Refundable Accommodation Deposits ("RADs") of RACFs in the area as stated on the My Aged Care website.

Population

The 2011 census indicates there were 137,453 people in the Canterbury Statistical Local Area ("SLA") with a 50/50 split between males and females. Of this number, a total of 13,386 people were aged 70 years and over, equating to 9.7% of the SLA population.

Canterbury SLA	
Total Population (All Age Groups)	
	Total
Male	68,709
Female	68,744
Total	137,453

Source: 2011 census results

Canterbury SLA	
Population Aged 70+	
	Persons
70-74 years	4,479
75-79 years	3,815
80-84 years	2,868
85 years and over	2,224
Total	13,386

Source: 2011 census results

Population Projection

The DSS has released population projections for the period to 2026 based on the 2011 census results.

The table below indicates that the population in the Canterbury SLA aged 70+ will grow 15.3%, 31.1% and 47.2% over 2011 in 2016, 2021 and 2026 respectively.

Canterbury SLA			
Population Projection			
	Total	70+	Growth Rate
2011	137,453	13,386	
2016	156,969	15,437	15.3%
2021	169,282	17,546	31.1%
2026	181,133	19,708	47.2%

Source: Department of Social Services SLA Population Projections

Demand of Residential Places

Estimated demand for residential places has been based upon the application of the regulations as stated in the DSS LLLB reforms implemented in July 2014. The regulations state the following demand ratios be applied:

- Between 2011 and 2016, apply 88 aged care places per 1,000 people aged 70 years and over
- Between 2017 and 2021, apply 85 aged care places per 1,000 people aged 70 years and over
- Beyond 2021, apply 80 aged care places per 1,000 people aged 70 years and over

Application of the above ratios accordingly results in the number of residential places required is projected to increase from 1,178 in year 2011 to 1,577 in year 2026 in the Canterbury SLA.

Canterbury SLA		
Residential Places Demand		
	70+	Demand
2011	13,386	1,178
2016	15,437	1,358
2021	17,546	1,491
2026	19,708	1,577

Existing Supply in Residential Places

Based on the 30th June 2014 Aged Care Service List prepared by the DSS, the table below sets out the number of current operational places in existing aged care facilities in the Canterbury SLA. The result indicates that the total number of operational aged care beds places is currently 687 in the Canterbury SLA.

Canterbury SLA Existing Residential Aged Care Places			
Facility	Provider	Suburb	Places
St Basil's Nursing Home	St Basil's Homes	Lakemba	111
Lourantos Village	St Basil's Homes	Lakemba	80
RFBI Lakemba Masonic Village	Royal Freemasons' Benevolent Institution	Lakemba	50
Wallgrove Aged Care Facility	Aquarius Aged Care	Lakemba	52
Regis Delphi House	Regis Aged Care Pty Ltd	Belmore	72
Rosemore Residential Aged Care Facility	Allity Pty Ltd	Belmore	78
Opal Canterbury	DPG Services Pty Ltd	Campsie	85
Leigh Places	Leigh Place Retirement Housing Inc	Roselands	65
The Greek Community Home For The Aged	The Greek Orthodox Community of NSW	Earlwood	48
Chow Cho-Poon Nursing Home	Australian Nursing Home Foundation Limited	Earlwood	46
Total			687

Source: My Aged Care

ACAR Results

2012 - 13 ACAR

Based on the results of the 2012 – 13 ACAR published by the DSS, a total of 44 places were allocated to BUPA Care Services Pty Limited to establish a new service in Campsie, situated in Canterbury SLA.

2012 - 13 ACAR Results - Inner West			
Facility	Provider	Suburb	Places
New Service - Claremont View Gardens	Bupa Care Services Pty Limited	Campsie	44

2014 ACAR

Based on the results of the 2014 ACAR published by the Department of Social Services, a total of 34 places were allocated to the Inner West planning region of which 10 places are allocated to Windermere for an extension and 24 places were allocated to Leigh Place for an extension. Note that the Leigh Place facility is located in Canterbury SLA.

2014 ACAR Results - Inner West			
Facility	Provider	Suburb	Places
Windermere Nursing Home	Korlim Pty Ltd	Summer Hill	10
Leigh Place	Leigh Place Retirement Housing Inc	Roselands	24
Total			34

Demand versus Supply

According to the estimated demand and current supply of residential aged care places and assuming that the allocated residential places in 2012 -13 ACAR and 2014 ACAR will be operational by 2016, we found:

- The number of residential places available within the Canterbury SLA is below the demand benchmark by 491 places, indicating a shortfall in aged care beds; and
- The number of residential aged care places shortfall is projected to increase to 822 by 2026 assuming the supply of RACFs remains the same.

Canterbury SLA				
Comparison of Service Provision to LLLB Benchmarks				
	70+	Demand	Supply	Surplus / (Shortfall)
2011	13,386	1,178	687	(491)
2016	15,437	1,358	755	(603)
2021	17,546	1,491	755	(736)
2026	19,708	1,577	755	(822)

Refundable Accommodation Deposit

According to My Aged Care website, a detailed review of room configurations and the corresponding Refundable Accommodation Deposits ("RADs") of existing facilities currently in operation in the Canterbury SLA are set out below:

St Basil's Nursing Home	
Room Type	RAD Price (\$)
Shared Room + No Ensuite	200,000
Single Room + No Ensuite	200,000

Lourantos Village	
Room Type	RAD Price (\$)
Single Room + Shared Ensuite	200,000
Shared Room + Private Ensuite	200,000

RFB Lakemba Masonic Village	
Room Type	RAD Price (\$)
Single Room + Private Ensuite	350,000 - 450,000

Wallgrove Aged Care Facility	
Room Type	RAD Price (\$)
Shared Room + No Ensuite	230,000
Single Room + No Ensuite	270,000 - 550,000

Regis Delphi House	
Room Type	RAD Price (\$)
Shared Room + No Ensuite	225,000

Rosemore Residential Aged Care Facility	
Room Type	RAD Price (\$)
Shared Room + No Ensuite	220,000 - 230,000
Single Room + No Ensuite	290,000

Opal Canterbury	
Room Type	RAD Price (\$)
Single Room + No Ensuite	330,000
Shared Room + No Ensuite	290,000

Leigh Places	
Room Type	RAD Price (\$)
Shared Room + Private Ensuite	395,000
Single Room + No Ensuite	395,000
Single Room + Private Ensuite	550,000

The Greek Community Home For The Aged	
Room Type	RAD Price (\$)
Single Room + Private Ensuite	380,000

Chow Cho-Poon Nursing Home	
Room Type	RAD Price (\$)
Shared Room + No Ensuite	330,000
Single Room + Private Ensuite	380,000

The maximum RAD value for the area advertised on My Aged Care website is \$550,000, being the Wallgrove Aged Care facility located in Lakemba. The lowest maximum advertised RAD value is \$200,000 being the combined Lourantos Village and St Basil's Nursing Home operated by St Basil's Homes, located in Lakemba. St Basil's Nursing Home has a number of 4 bed rooms with 3 of the 4 beds rooms (12 residents) combined to share peripheral bathrooms located across corridors. Accordingly, the St Basils RAD values are reflective of this room configuration.

Median House Price

As indicated in the table below, the median house price in Lakemba is \$701,000 and in Canterbury SLA is \$840,000. These outcomes are 27% and 52% higher than the maximum RAD being charged of \$550,000 as per the table above respectively for Lakemba and the Canterbury SLA.

Median House price - 12 Months to October 2014	
Location	Median House Price
Lakemba - Suburb	701,000
Canterbury - SLA	840,000

Source: Domain

Home Ownership

The below table indicates that in Lakemba (20.2%), there is a comparably lower proportion of home owners than the Australian average (31%), Canterbury (29.2%) and New South Wales (31.9%). Additionally, it should be noted that given the stage of life of potential residents, the population aged 70 years and over will own their own homes in substantially greater number than the balance of the population.

Dwelling Ownership 2011 Census	Fully Owned	Total Dwellings	Percent
	#	#	%
Lakemba	1,028	5,094	20.2%
Canterbury (C)	14,170	48,459	29.2%
New South Wales	830,173	2,599,174	31.9%
Australia	2,539,259	8,181,750	31.0%

Source: 2011 census results

Weekly Income of Population Aged 70+

From the table below, the total population aged 70 years and over earning less than \$400 per week is 57.9% in NSW. This compares to 69.3% of the total population aged 70 years and over earning less than \$400 per week in Canterbury SLA.

Weekly Income 2011 Census	Canterbury Aged 70+		NSW Aged 70+	
	#	%	#	%
Negative income	58	0.4%	3,059	0.4%
Nil income	645	4.8%	18,550	2.6%
\$1-\$199	816	6.1%	31,696	4.4%
\$200-\$299	4,388	32.8%	170,079	23.8%
\$300-\$399	3,368	25.2%	190,055	26.6%
\$400-\$599	1,453	10.9%	113,604	15.9%
\$600-\$799	551	4.1%	40,221	5.6%
\$800-\$999	188	1.4%	20,263	2.8%
\$1,000-\$1,249	127	0.9%	13,725	1.9%
\$1,250-\$1,499	71	0.5%	7,730	1.1%
\$1,500-\$1,999	47	0.4%	7,477	1.0%
\$2,000 or more	54	0.4%	10,572	1.5%
Not stated	1,623	12.1%	86,820	12.2%

Source: 2011 census results

Need for Assistance

The below table indicates that in Canterbury SLA, 3,562 people aged 70 years and over conceded that they require “assistance”, representing a higher proportion of 26.6% (22.9% in NSW) of total population aged 70 years and over.

Canterbury SLA				
Core Activity - Need for Assistance				
	Need for Assistance	No Need for Assistance	Not Stated	Total
70 - 74 years	750	3,449	281	4,480
75 - 84 years	1,825	4,282	575	6,682
85 years and over	987	954	288	2,229
Total	3,562	8,685	1,144	13,391

Source: 2011 census results

Catchment Area Analysis

Catchment Area Rationale

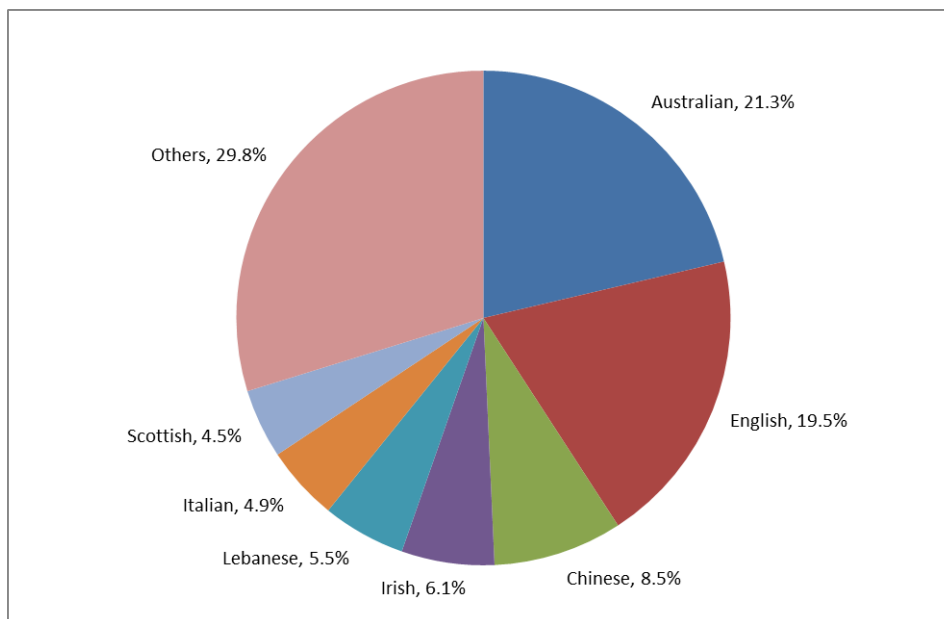
We recognise that although the proposed site is within the suburb of Lakemba NSW and situated within the Canterbury SLA, the proposed RACF is designed for Muslim communities in the broader Western Sydney area which encapsulates three (3) Aged Care Planning Regions: Inner West, South West Sydney and Western Sydney. Accordingly, thirty-two (32) SLAs as listed below have been incorporated as the source of the demographics analysis.

SLA - NSW	Aged Care Planning Region
Ashfield (A)	Inner West
Burwood (A)	Inner West
Canada Bay (A) - Concord	Inner West
Canada Bay (A) - Drummoyne	Inner West
Canterbury (C)	Inner West
Leichhardt (A)	Inner West
Marrickville (A)	Inner West
Strathfield (A)	Inner West
Bankstown (C) - North-East	South West Sydney
Bankstown (C) - North-West	South West Sydney
Bankstown (C) - South	South West Sydney
Camden (A)	South West Sydney
Campbelltown (C) - North	South West Sydney
Campbelltown (C) - South	South West Sydney
Fairfield (C) - East	South West Sydney
Fairfield (C) - West	South West Sydney
Liverpool (C) - East	South West Sydney
Liverpool (C) - West	South West Sydney
Wingecarribee (A)	South West Sydney
Wollondilly (A)	South West Sydney
Auburn (C)	Western Sydney
Blacktown (C) - North	Western Sydney
Blacktown (C) - South-East	Western Sydney
Blacktown (C) - South-West	Western Sydney
Holroyd (C)	Western Sydney
Parramatta (C) - Inner	Western Sydney
Parramatta (C) - North-East	Western Sydney
Parramatta (C) - North-West	Western Sydney
Parramatta (C) - South	Western Sydney
The Hills Shire (A) - Central	Western Sydney
The Hills Shire (A) - North	Western Sydney
The Hills Shire (A) - South	Western Sydney

General Profile of Catchment Area

Ancestry

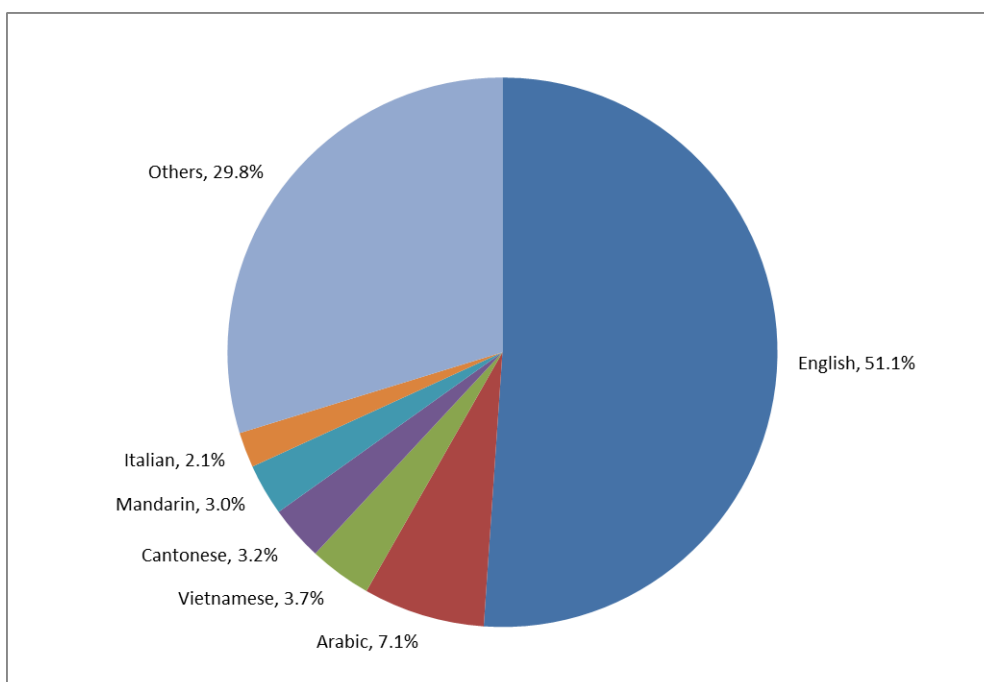
In the Catchment Area, the most common ancestries were Australian 21.3%, English 19.5%, Chinese 8.5%, Irish 6.1%, **Lebanese 5.5% (2.1% in NSW)**, Italian 4.9% and Scottish 4.5%.



Source: 2011 census results

Language Speaking

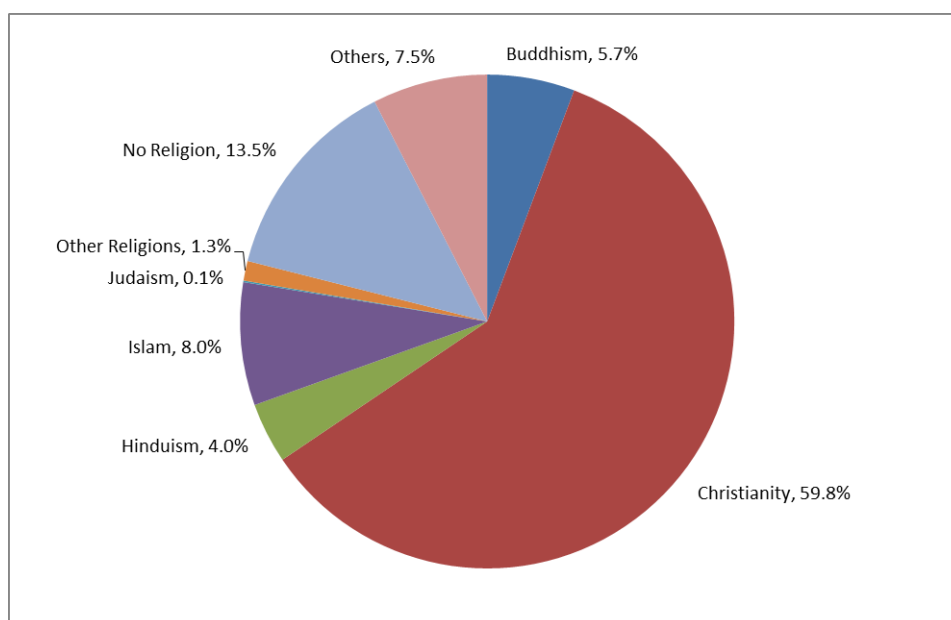
In the Catchment Area, 51.1% of people only spoke English at home. Other languages spoken at home included **Arabic 7.1% (2.7% in NSW)**, Vietnamese 3.7%, Cantonese 3.2%, Mandarin 3.0%, and Italian 2.1%.



Source: 2011 census results

Religious Affiliation

The most common responses for religion in the Catchment Area were Christianity 59.8%, No Religion 13.5%, **Islam 8.0% (3.2% in NSW)** and Buddhism 5.7%.



Source: 2011 census results

Country of Birth

In the Catchment Area, 55.4% of people were born in Australia, significantly lower than the percentage for NSW which was 68.6%. The most common countries of birth were China (excludes SARs and Taiwan) 3.4%, India 3.0%, Vietnam 3.0%, **Lebanon 2.2%** and England 2.1%.

Country of Birth in the Catchment Area 2011 Census Results	#	%
Australia	1,165,059	55.4%
China (excludes SARs and Taiwan)	72,171	3.4%
India	63,054	3.0%
Vietnam	62,029	3.0%
Lebanon	45,520	2.2%
England	44,615	2.1%
Philippines	43,944	2.1%
New Zealand	37,077	1.8%
Italy	26,633	1.3%
Fiji	24,132	1.1%
Korea, Republic of (South)	21,621	1.0%

Source: 2011 census results

Proficiency in English

In the Catchment Area, 51.1% of people spoke English only, significantly lower than the percentage for NSW which was 72.5% based on 2011 Census results. There were 8.5% of people spoke other language and spoke English not well or not at all, compared with only 3.9% for NSW.

Proficiency in English in the Catchment Area 2011 Census Results	Speaks English only	Speaks other language and speaks English: Very well	Speaks other language and speaks English: Well	Speaks other language and speaks English: Not well	Speaks other language and speaks English: Not at all	Not Stated
Catchment Area	1,073,866	497,310	240,318	137,676	41,206	111,702
	51.1%	23.7%	11.4%	6.5%	2.0%	5.3%
New South Wales	5,013,345	871,779	413,299	210,360	61,328	347,545
	72.5%	12.6%	6.0%	3.0%	0.9%	5.0%

Source: 2011 census results

Lebanese Muslims & Arabic Speaking Muslims & Muslims

Overview of the Aged Population

Lebanese Muslims

Male Population

Male population data based on 2011 census results:

- A total of 1,039,979 males in the Catchment Area;
- 58,217 responses for ancestry were Lebanese, representing 5.6% of the total male population;
- Of the Lebanese males in the catchment area, 25,195 of responses for religious affiliation were Islam, representing 43.3% of the total male Lebanese population in the Catchment Area;
- Among the 25,195 male Lebanese Muslims responses, there were 526 people aged 70 years and over, representing 2.1% of the population.

Summary Results for Male Catchment Area Analysis, 2011 Census	Total Male Population	Lebanese as Ancestry Responses		Religious Affiliation: Islam		Lebanese Muslim Aged 70+	
	#	%	#	%	#	%	#
Ashfield (A)	20,032	2.0%	394	6.1%	24	0.0%	-
Auburn (C)	38,225	6.9%	2,642	72.4%	1,914	2.7%	52
Bankstown (C) - North-East	30,528	27.7%	8,464	58.5%	4,950	2.3%	116
Bankstown (C) - North-West	32,760	19.0%	6,216	61.1%	3,800	1.8%	68
Bankstown (C) - South	26,641	5.6%	1,483	41.7%	619	1.6%	10
Blacktown (C) - North	51,644	1.1%	580	14.3%	83	0.0%	-
Blacktown (C) - South-East	48,381	2.3%	1,102	23.3%	257	0.0%	-
Blacktown (C) - South-West	49,520	1.5%	752	31.1%	234	0.0%	-
Burwood (A)	15,910	5.0%	795	7.8%	62	11.3%	7
Camden (A)	27,880	1.1%	315	25.1%	79	0.0%	-
Campbelltown (C) - North	36,854	2.2%	817	55.1%	450	1.6%	7
Campbelltown (C) - South	34,495	1.7%	578	52.4%	303	2.3%	7
Canada Bay (A) - Concord	19,335	2.8%	548	8.2%	45	22.2%	10
Canada Bay (A) - Drummoyne	17,468	1.6%	271	8.9%	24	0.0%	-
Canterbury (C)	68,710	11.0%	7,588	41.1%	3,116	3.3%	103
Fairfield (C) - East	57,843	3.8%	2,214	62.1%	1,375	1.5%	20
Fairfield (C) - West	34,678	1.7%	601	38.4%	231	3.0%	7
Holroyd (C)	49,104	11.8%	5,782	18.5%	1,069	1.4%	15
Leichhardt (A)	24,727	0.8%	193	5.7%	11	0.0%	-
Liverpool (C) - East	52,429	6.5%	3,423	70.7%	2,419	1.4%	33
Liverpool (C) - West	36,892	3.5%	1,277	52.4%	669	1.2%	8
Marrickville (A)	37,836	2.4%	901	26.3%	237	6.8%	16
Parramatta (C) - Inner	24,819	4.9%	1,226	14.0%	172	2.3%	4
Parramatta (C) - North-East	22,570	4.5%	1,018	18.5%	188	2.1%	4
Parramatta (C) - North-West	18,373	4.3%	784	12.1%	95	4.2%	4
Parramatta (C) - South	17,801	27.8%	4,955	47.5%	2,352	1.4%	32
Strathfield (A)	17,659	6.5%	1,149	23.7%	272	0.0%	-
The Hills Shire (A) - Central	36,240	2.2%	795	6.5%	52	0.0%	-
The Hills Shire (A) - North	27,547	1.8%	493	3.7%	18	0.0%	-
The Hills Shire (A) - South	20,198	3.1%	629	8.6%	54	0.0%	-
Wingecarribee (A)	21,271	0.4%	77	0.0%	-	0.0%	-
Wollondilly (A)	21,609	0.7%	155	13.5%	21	14.3%	3
Total	1,039,979	5.6%	58,217	43.3%	25,195	2.1%	526

Female Population

Female population data based on 2011 census results:

- A total of 1,062,094 females in the Catchment Area;
- 56,858 responses for ancestry were Lebanese, representing 5.4% of the total female population;
- Of the Lebanese females in the Catchment Area, 24,489 of responses for religious affiliation were Islam, representing 43.1% of the total female Lebanese population in the catchment area;
- Among the 24,489 female Lebanese Muslims responses, there were 431 people aged 70 years and over, representing 1.8% of the population.

Summary Results for Female Catchment Area Analysis, 2011 Census	Total Female Population	Lebanese as Ancestry Responses		Religious Affiliation: Islam		Lebanese Muslim Aged 70+	
	#	%	#	%	#	%	#
Ashfield (A)	21,182	2.0%	417	11.0%	46	0.0%	-
Auburn (C)	35,513	7.0%	2,492	73.9%	1,841	2.0%	36
Bankstown (C) - North-East	31,125	26.7%	8,299	57.9%	4,805	2.4%	113
Bankstown (C) - North-West	33,215	18.5%	6,139	61.1%	3,749	1.5%	56
Bankstown (C) - South	28,087	5.2%	1,454	41.3%	601	3.5%	21
Blacktown (C) - North	51,166	1.1%	547	17.6%	96	0.0%	-
Blacktown (C) - South-East	49,298	2.2%	1,082	22.5%	243	0.0%	-
Blacktown (C) - South-West	51,087	1.4%	713	28.2%	201	2.0%	4
Burwood (A)	16,513	4.9%	807	9.2%	74	0.0%	-
Camden (A)	28,840	1.0%	275	20.7%	57	0.0%	-
Campbelltown (C) - North	38,440	1.9%	719	57.3%	412	2.2%	9
Campbelltown (C) - South	36,182	1.5%	547	49.4%	270	0.0%	-
Canada Bay (A) - Concord	19,869	2.8%	552	5.8%	32	12.5%	4
Canada Bay (A) - Drummoyne	19,089	1.3%	249	5.6%	14	0.0%	-
Canterbury (C)	68,744	10.8%	7,426	40.5%	3,009	3.1%	92
Fairfield (C) - East	59,989	3.5%	2,088	62.7%	1,309	0.9%	12
Fairfield (C) - West	35,257	1.7%	592	37.8%	224	0.0%	-
Holroyd (C)	50,059	11.4%	5,688	19.0%	1,079	0.4%	4
Leichhardt (A)	27,469	0.9%	243	11.5%	28	0.0%	-
Liverpool (C) - East	53,441	6.2%	3,316	70.8%	2,347	1.0%	23
Liverpool (C) - West	37,380	3.5%	1,303	53.4%	696	0.0%	-
Marrickville (A)	38,663	2.6%	996	24.3%	242	2.9%	7
Parramatta (C) - Inner	23,203	5.1%	1,181	12.5%	148	5.4%	8
Parramatta (C) - North-East	23,396	4.4%	1,025	19.8%	203	2.5%	5
Parramatta (C) - North-West	19,300	4.0%	773	13.8%	107	0.0%	-
Parramatta (C) - South	17,395	28.2%	4,908	47.0%	2,308	1.3%	29
Strathfield (A)	17,529	5.9%	1,031	22.2%	229	3.5%	8
The Hills Shire (A) - Central	37,549	1.9%	712	6.6%	47	0.0%	-
The Hills Shire (A) - North	27,774	1.8%	493	0.0%	-	0.0%	-
The Hills Shire (A) - South	20,566	3.1%	634	8.7%	55	0.0%	-
Wingecarribee (A)	23,124	0.2%	39	0.0%	-	0.0%	-
Wollondilly (A)	21,650	0.5%	118	14.4%	17	0.0%	-
Total	1,062,094	5.4%	56,858	43.1%	24,489	1.8%	431

Total Lebanese Muslim Population Aged 70+

Population Aged 70+	Male	Female	Total
Lebanese Muslims	526	431	957

In total, there are 957 Lebanese Muslims aged 70 and over in the catchment area who responded to 2011 Census.

Arabic Speaking Muslims

Male Population

Male population data based on 2011 census results:

- Total of 1,039,979 males in the Catchment Area;
- 76,173 responses for languages spoken at home were Arabic, representing 7.3% of the total male population;
- Of the male Arabic speaking population in the catchment area, 38,130 of responses for religious affiliation were Islam, representing 50.1% of the total male Arabic speaking population in the Catchment Area;
- Among the 38,130 male Arabic speaking Muslims, there were 763 people aged 70 years and over, representing 2.0% of population (763 people).

Summary Results for Male Catchment Area Analysis, 2011 Census	Total Male Population	Arabic Speaking Population		Religious Affiliation: Islam		Arabic Speaking Muslim Aged 70+	
	#	%	#	%	#	%	#
Ashfield (A)	20,032	1.9%	382	16.2%	62	0.0%	-
Auburn (C)	38,225	10.6%	4,034	80.5%	3,247	1.9%	63
Bankstown (C) - North-East	30,528	34.5%	10,532	65.9%	6,939	2.4%	169
Bankstown (C) - North-West	32,760	22.3%	7,301	68.5%	4,999	1.6%	81
Bankstown (C) - South	26,641	6.2%	1,665	49.6%	826	2.1%	17
Blacktown (C) - North	51,644	1.8%	926	22.2%	206	3.4%	7
Blacktown (C) - South-East	48,381	4.2%	2,027	24.8%	503	1.2%	6
Blacktown (C) - South-West	49,520	4.0%	1,976	25.2%	497	2.0%	10
Burwood (A)	15,910	4.5%	709	13.3%	94	9.6%	9
Camden (A)	27,880	0.9%	246	39.0%	96	0.0%	-
Campbelltown (C) - North	36,854	3.2%	1,191	54.2%	646	3.3%	21
Campbelltown (C) - South	34,495	2.6%	894	61.9%	553	1.6%	9
Canada Bay (A) - Concord	19,335	2.4%	463	23.8%	110	9.1%	10
Canada Bay (A) - Drummoyne	17,468	1.1%	199	20.6%	41	0.0%	-
Canterbury (C)	68,710	13.5%	9,244	53.7%	4,960	3.0%	147
Fairfield (C) - East	57,843	8.6%	4,986	51.3%	2,557	1.3%	34
Fairfield (C) - West	34,678	5.9%	2,052	17.3%	355	3.4%	12
Holroyd (C)	49,104	12.6%	6,207	30.1%	1,868	1.6%	29
Leichhardt (A)	24,727	0.5%	118	32.2%	38	0.0%	-
Liverpool (C) - East	52,429	12.2%	6,380	55.2%	3,521	1.3%	46
Liverpool (C) - West	36,892	6.1%	2,246	43.4%	975	0.5%	5
Marrickville (A)	37,836	2.4%	896	36.4%	326	6.1%	20
Parramatta (C) - Inner	24,819	5.5%	1,358	34.3%	466	1.3%	6
Parramatta (C) - North-East	22,570	3.7%	835	33.9%	283	2.5%	7
Parramatta (C) - North-West	18,373	3.9%	710	23.9%	170	5.9%	10
Parramatta (C) - South	17,801	32.8%	5,834	54.4%	3,172	1.0%	32
Strathfield (A)	17,659	5.7%	1,005	35.2%	354	1.4%	5
The Hills Shire (A) - Central	36,240	1.9%	671	16.7%	112	3.6%	4
The Hills Shire (A) - North	27,547	1.7%	480	10.4%	50	0.0%	-
The Hills Shire (A) - South	20,198	2.3%	467	14.1%	66	0.0%	-
Wingecarribee (A)	21,271	0.2%	32	12.5%	4	0.0%	-
Wollondilly (A)	21,609	0.5%	107	31.8%	34	11.8%	4
Total	1,039,979	7.3%	76,173	50.1%	38,130	2.0%	763

Female Population

Female population data based on 2011 census results:

- Total of 1,062,094 females in the Catchment Area;
- 74,421 responses for language spoken at home were Arabic, representing 7.0% of the total female population;
- Of the female Arabic speaking population in the catchment area, 36,434 of responses for religious affiliation were Islam, representing 49.0% of the total female Arabic speaking population in the Catchment Area;
- Among the 36,434 female Arabic speaking Muslims, there were 633 people aged 70 years and over, representing 1.7% of population (633 people).

Summary Results for Female Catchment Area Analysis, 2011 Census	Total Female Population	Arabic Speaking Population		Religious Affiliation: Islam		Arabic Speaking Muslim Aged 70+	
	#	%	#	%	#	%	#
Ashfield (A)	21,182	1.5%	327	13.1%	43	0.0%	-
Auburn (C)	35,513	10.8%	3,844	80.7%	3,101	1.6%	51
Bankstown (C) - North-East	31,125	33.0%	10,281	65.2%	6,701	2.1%	143
Bankstown (C) - North-West	33,215	21.8%	7,239	68.2%	4,940	1.7%	83
Bankstown (C) - South	28,087	5.9%	1,668	47.5%	792	2.9%	23
Blacktown (C) - North	51,166	1.8%	939	19.6%	184	2.7%	5
Blacktown (C) - South-East	49,298	4.1%	2,019	23.7%	479	0.6%	3
Blacktown (C) - South-West	51,087	3.7%	1,890	25.4%	481	1.0%	5
Burwood (A)	16,513	4.3%	704	12.6%	89	9.0%	8
Camden (A)	28,840	0.8%	226	36.3%	82	0.0%	-
Campbelltown (C) - North	38,440	2.9%	1,133	53.0%	601	1.3%	8
Campbelltown (C) - South	36,182	2.2%	809	64.9%	525	2.9%	15
Canada Bay (A) - Concord	19,869	2.0%	402	20.6%	83	4.8%	4
Canada Bay (A) - Drummoyne	19,089	1.0%	196	16.8%	33	0.0%	-
Canterbury (C)	68,744	13.0%	8,947	52.1%	4,665	2.5%	116
Fairfield (C) - East	59,989	8.0%	4,778	50.0%	2,387	1.1%	26
Fairfield (C) - West	35,257	5.6%	1,967	18.6%	365	1.1%	4
Holroyd (C)	50,059	12.3%	6,164	29.3%	1,809	1.2%	21
Leichhardt (A)	27,469	0.5%	132	28.8%	38	0.0%	-
Liverpool (C) - East	53,441	11.8%	6,300	53.6%	3,374	0.8%	28
Liverpool (C) - West	37,380	6.2%	2,304	43.5%	1,003	0.8%	8
Marrickville (A)	38,663	2.3%	903	31.6%	285	3.2%	9
Parramatta (C) - Inner	23,203	5.4%	1,246	27.5%	343	3.8%	13
Parramatta (C) - North-East	23,396	3.5%	828	31.2%	258	1.9%	5
Parramatta (C) - North-West	19,300	3.7%	720	26.0%	187	4.3%	8
Parramatta (C) - South	17,395	32.8%	5,707	53.8%	3,073	1.3%	39
Strathfield (A)	17,529	5.7%	997	31.3%	312	2.6%	8
The Hills Shire (A) - Central	37,549	1.8%	670	11.6%	78	0.0%	-
The Hills Shire (A) - North	27,774	1.8%	488	9.6%	47	0.0%	-
The Hills Shire (A) - South	20,566	2.4%	486	9.1%	44	0.0%	-
Wingecarribee (A)	23,124	0.1%	17	29.4%	5	0.0%	-
Wollondilly (A)	21,650	0.4%	90	30.0%	27	0.0%	-
Total	1,062,094	7.0%	74,421	49.0%	36,434	1.7%	633

Total Arabic Speaking Muslim Population Aged 70+

Population Aged 70+	Male	Female	Total
Arabic Speaking Muslims	763	633	1,396

In total, there are 1,396 Arabic speaking Muslims aged 70 and over in the catchment area who responded to 2011 Census.

Muslims

Male Population

Male population data based on 2011 census results:

- Total of 1,039,979 males in the Catchment Area;
- Of the total male population in the catchment area, 87,124 of responses for religious affiliation were Islam, representing 8.4% of the total male population in the Catchment Area;
- Among the 87,124 male Muslims, there were 1,554 people aged 70 years and over.

Summary Results for Male Catchment Area Analysis, 2011 Census	Total Male Population	Religious Affiliation: Islam		Muslim Aged 70+	
	#	%	#	%	#
Ashfield (A)	20,032	2.0%	398	3.5%	14
Auburn (C)	38,225	26.0%	9,948	1.9%	187
Bankstown (C) - North-East	30,528	32.0%	9,776	2.0%	191
Bankstown (C) - North-West	32,760	20.2%	6,602	1.5%	99
Bankstown (C) - South	26,641	4.6%	1,228	1.9%	23
Blacktown (C) - North	51,644	3.8%	1,972	1.6%	31
Blacktown (C) - South-East	48,381	5.8%	2,811	2.0%	57
Blacktown (C) - South-West	49,520	8.2%	4,058	1.7%	70
Burwood (A)	15,910	2.3%	370	5.9%	22
Camden (A)	27,880	1.1%	306	1.3%	4
Campbelltown (C) - North	36,854	7.8%	2,857	1.6%	45
Campbelltown (C) - South	34,495	4.1%	1,411	1.8%	25
Canada Bay (A) - Concord	19,335	1.9%	371	4.6%	17
Canada Bay (A) - Drummoyne	17,468	1.1%	187	6.4%	12
Canterbury (C)	68,710	17.8%	12,197	1.7%	211
Fairfield (C) - East	57,843	6.8%	3,955	1.5%	60
Fairfield (C) - West	34,678	3.2%	1,104	3.4%	37
Holroyd (C)	49,104	10.7%	5,272	1.5%	79
Leichhardt (A)	24,727	0.9%	212	0.0%	-
Liverpool (C) - East	52,429	12.0%	6,317	1.5%	95
Liverpool (C) - West	36,892	9.2%	3,382	1.2%	39
Marrickville (A)	37,836	3.0%	1,121	3.5%	39
Parramatta (C) - Inner	24,819	7.8%	1,948	1.6%	32
Parramatta (C) - North-East	22,570	3.0%	678	1.8%	12
Parramatta (C) - North-West	18,373	4.1%	747	3.6%	27
Parramatta (C) - South	17,801	27.8%	4,941	1.3%	63
Strathfield (A)	17,659	4.9%	872	1.4%	12
The Hills Shire (A) - Central	36,240	2.6%	944	3.0%	28
The Hills Shire (A) - North	27,547	2.3%	628	1.1%	7
The Hills Shire (A) - South	20,198	2.0%	395	3.3%	13
Wingecarribee (A)	21,271	0.2%	35	0.0%	-
Wollondilly (A)	21,609	0.4%	81	3.7%	3
Total	1,039,979	8.4%	87,124	1.8%	1,554

Female Population

Female population data based on 2011 census results:

- Total of 1,062,094 females in the Catchment Area;
- Of the total female population in the catchment area, 82,010 of responses for religious affiliation were Islam, representing 7.7% of the total female population in the Catchment Area;

- Among the 82,010 female Muslims, there were 1,400 people aged 70 years and over.

Summary Results for Female Catchment Area Analysis, 2011 Census	Total Female Population	Religious Affiliation: Islam		Muslim Aged 70+	
	#	%	#	%	#
Ashfield (A)	21,182	1.4%	298	2.3%	7
Auburn (C)	35,513	24.9%	8,853	2.0%	176
Bankstown (C) - North-East	31,125	30.3%	9,433	1.8%	166
Bankstown (C) - North-West	33,215	19.7%	6,555	1.6%	103
Bankstown (C) - South	28,087	4.3%	1,212	2.3%	28
Blacktown (C) - North	51,166	3.9%	1,980	2.5%	49
Blacktown (C) - South-East	49,298	5.7%	2,826	1.8%	50
Blacktown (C) - South-West	51,087	7.6%	3,864	1.6%	60
Burwood (A)	16,513	1.7%	280	4.3%	12
Camden (A)	28,840	1.0%	296	4.1%	12
Campbelltown (C) - North	38,440	6.9%	2,670	1.1%	30
Campbelltown (C) - South	36,182	3.8%	1,362	1.7%	23
Canada Bay (A) - Concord	19,869	1.6%	311	3.2%	10
Canada Bay (A) - Drummoyne	19,089	1.1%	205	3.9%	8
Canterbury (C)	68,744	15.5%	10,647	1.5%	164
Fairfield (C) - East	59,989	6.3%	3,760	1.2%	44
Fairfield (C) - West	35,257	3.1%	1,103	2.4%	26
Holroyd (C)	50,059	10.2%	5,090	1.7%	88
Leichhardt (A)	27,469	0.7%	205	4.9%	10
Liverpool (C) - East	53,441	11.5%	6,148	1.2%	74
Liverpool (C) - West	37,380	9.0%	3,358	1.1%	37
Marrickville (A)	38,663	2.4%	943	2.5%	24
Parramatta (C) - Inner	23,203	7.1%	1,657	2.2%	37
Parramatta (C) - North-East	23,396	2.9%	679	3.1%	21
Parramatta (C) - North-West	19,300	3.8%	724	1.5%	11
Parramatta (C) - South	17,395	27.6%	4,796	1.3%	63
Strathfield (A)	17,529	4.3%	754	2.4%	18
The Hills Shire (A) - Central	37,549	2.4%	912	3.5%	32
The Hills Shire (A) - North	27,774	2.2%	617	1.1%	7
The Hills Shire (A) - South	20,566	1.8%	376	2.7%	10
Wingecarribee (A)	23,124	0.1%	27	0.0%	-
Wollondilly (A)	21,650	0.3%	69	0.0%	-
Total	1,062,094	7.7%	82,010	1.7%	1,400

Total Muslim Population Aged 70+

Population Aged 70+	Male	Female	Total
Muslims	1,554	1,400	2,954

In total, there were 2,954 Muslims aged 70 and over in the catchment area who responded to 2011 Census.

Projected Growth in the Aged Population

The future population is projected by applying the growth trends for male and female respectively extracted from the population projections for the period to 2026 based on the 2011 census results, released by the Department of Social Services.

Lebanese Muslims

Male Population Projection and Demand Analysis

- In the catchment area, the male Lebanese Muslim population aged 70 years and over is projected to increase from 526 in 2011 to 1,854 in 2026;
- The growth rates for the Lebanese Muslim population aged 70+
- The demand for aged care beds is projected to increase from 46 in 2011 to 148 in 2026 for male Lebanese Muslims; and

Male		2011	2016	2021	2026
Lebanese Muslim Aged 70+	#	526	874	1,365	1,854
	Growth Rate		66.2%	56.2%	35.8%
Demand of Beds	#	46	77	116	148
	Growth Rate		66.2%	50.9%	27.8%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Female Population Projection and Demand Analysis

- In the catchment area, the female Lebanese Muslim population aged 70 years and over is projected to increase from 431 in 2011 to 1,631 in 2026;
- The demand for aged care beds is projected to increase from 38 in 2011 to 131 in 2026 for female Lebanese Muslims.

Female		2011	2016	2021	2026
Lebanese Muslim Aged 70+	#	431	654	1,107	1,631
	Growth Rate		51.7%	69.2%	47.4%
Demand of Beds	#	38	58	94	131
	Growth Rate		51.7%	63.5%	38.7%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Total Population Projection and Demand Analysis

- In the catchment area, the Lebanese Muslim population aged 70 years and over is projected to increase from 957 in 2011 to 3,484 in 2026;
- The demand for aged care beds is projected to increase from 84 in 2011 to 279 in 2026 for Lebanese Muslims.

Total		2011	2016	2021	2026
Lebanese Muslim Aged 70+	#	957	1,524	2,469	3,484
	Growth Rate		59.2%	62.0%	41.1%
Demand of Beds	#	84	134	210	279
	Growth Rate		59.2%	56.5%	32.8%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Arabic Speaking Muslims

Male Population Projection and Demand Analysis

- The male Arabic speaking Muslim population aged 70 years and over is projected to increase from 763 in 2011 to 2,759 in 2026;
- The demand for aged care beds is projected to increase from 67 in 2011 to 221 in 2026 for male Arabic speaking Muslims.

Male		2011	2016	2021	2026
Arabic Speaking Muslim Aged 70+	#	763	1,282	2,023	2,759
	Growth Rate		68.0%	57.8%	36.3%
Demand of Beds	#	67	113	172	221
	Growth Rate		68.0%	52.4%	28.3%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Female Population Projection and Demand Analysis

- The female Arabic speaking Muslim population aged 70 years and over is projected to increase from 633 in 2011 to 2,415 in 2026;
- The demand for aged care beds is projected to increase from 56 in 2011 to 193 in 2026 for female Arabic speaking Muslims.

Female		2011	2016	2021	2026
Arabic Speaking Muslim Aged 70+	#	633	962	1,636	2,415
	Growth Rate		52.0%	70.0%	47.6%
Demand of Beds	#	56	85	139	193
	Growth Rate		52.0%	64.2%	39.0%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Total Population Projection and Demand Analysis

- The Arabic speaking Muslim population aged 70 years and over is projected to increase from 1,396 in 2011 to 5,170 in 2026;
- The demand for aged care beds is projected to increase from 123 in 2011 to 414 in 2026 for the Arabic speaking Muslim population.

Total		2011	2016	2021	2026
Arabic Speaking Muslim Aged 70+	#	1,396	2,239	3,652	5,170
	Growth Rate		60.4%	63.1%	41.6%
Demand of Beds	#	123	197	310	414
	Growth Rate		60.4%	57.6%	33.2%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Muslims

Male Population Projection and Demand Analysis

- The male Muslim population aged 70 years and over is projected to increase from 1,554 in 2011 to 6,022 in 2026;
- The demand for aged care beds is projected to increase from 137 in 2011 to 482 in 2026 for male Muslims.

Male		2011	2016	2021	2026
Muslim Aged 70+	#	1,554	2,706	4,375	6,022
	Growth Rate		74.1%	61.7%	37.7%
Demand of Beds	#	137	238	372	482
	Growth Rate		74.1%	56.2%	29.6%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Female Population Projection and Demand Analysis

- The female Muslim population aged 70 years and over is projected to increase from 1,400 in 2011 to 5,381 in 2026;
- The demand for aged care beds is projected to increase from 123 in 2011 to 430 in 2026 for female Muslims.

Female		2011	2016	2021	2026
Muslim Aged 70+	#	1,400	2,134	3,642	5,381
	Growth Rate		52.4%	70.7%	47.7%
Demand of Beds	#	123	188	310	430
	Growth Rate		52.4%	64.8%	39.1%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Total Population Projection and Demand Analysis

- The Muslim population aged 70 years and over is projected to increase from 2,954 in 2011 to 11,395 in 2026;
- The demand for aged care beds is projected to increase from 260 in 2011 to 912 in 2026 for the Muslim population.

Total		2011	2016	2021	2026
Muslim Aged 70+	#	2,954	4,830	8,000	11,395
	Growth Rate		63.5%	65.6%	42.4%
Demand of Beds	#	260	425	680	912
	Growth Rate		63.5%	60.0%	34.1%

Note: the number of beds is estimated by applying LLLB's rule: 88 places per 1,000 70+ population in 2011-2016, 85 places per 1,000 70+ population in 2017-2021, 80 places per 1,000 70+ population after 2021.

Weekly Income for Population Aged 70+

In NSW, 57.9% of the total population aged 70 years and over were earning less than \$400 per week, compared to 85.2% for the Lebanese Muslim population, 82.2% for the Arabic speaking Muslim population and 81.4% for Muslim population in the Catchment Area aged 70 years and over.

Weekly Income 2011 Census	Lebanese Muslims Aged 70+		Arabic Speaking Muslims Aged 70+		Muslims Aged 70+		NSW Aged 70+	
	#	%	#	%	#	%	#	%
Negative income	-	0.0%	4	0.3%	28	0.9%	3,059	0.4%
Nil income	34	3.6%	60	4.3%	216	7.3%	18,550	2.6%
\$1-\$199	80	8.4%	98	7.0%	235	7.9%	31,696	4.4%
\$200-\$299	453	47.6%	632	45.4%	1,254	42.2%	170,079	23.8%
\$300-\$399	243	25.6%	350	25.2%	683	23.0%	190,055	26.6%
\$400-\$599	70	7.4%	114	8.2%	251	8.5%	113,604	15.9%
\$600-\$799	18	1.9%	39	2.8%	78	2.6%	40,221	5.6%
\$800-\$999	-	0.0%	5	0.4%	17	0.6%	20,263	2.8%
\$1,000-\$1,249	-	0.0%	6	0.4%	9	0.3%	13,725	1.9%
\$1,250-\$1,499	-	0.0%	3	0.2%	15	0.5%	7,730	1.1%
\$1,500-\$1,999	-	0.0%	3	0.2%	6	0.2%	7,477	1.0%
\$2,000 or more	3	0.3%	-	0.0%	14	0.5%	10,572	1.5%
Not stated	50	5.3%	77	5.5%	163	5.5%	86,820	12.2%

Source: 2011 census results

Home Ownership (General Population)

In the catchment area 25.9% dwellings are fully owned, which is comparatively lower than NSW (31.9%) and Australia (31.0%). Additionally, it should be noted that given the stage of life of potential residents, the population aged 70 years and over will own their own homes in substantially greater number than the balance of the population.

Dwelling Ownership	Fully Owned	Total Dwellings	Percent
2011 Census	#	#	%
Catchment Area	195,944	755,934	25.9%
New South Wales	830,173	2,599,174	31.9%
Australia	2,539,259	8,181,750	31.0%

Source: 2011 census results

Need for Assistance (General Population)

The below table indicates that in Canterbury SLA, 4,152 people aged 70 years and over conceded that they require "assistance", representing a higher proportion of 28.2% (22.9% in NSW) of total population aged 70 years and over.

Catchment Area				
Core Activity - Need for Assistance				
	Need for Assistance	No Need for Assistance	Not Stated	Total
70 - 74 years	8,574	45,169	3,176	56,919
75 - 84 years	21,885	51,032	5,204	78,121
85 years and over	16,004	11,211	2,604	29,819
Total	46,463	107,412	10,984	164,859

Source: 2011 census results

National Trends

Dementia

As defined by Alzheimer's Australia, dementia is the umbrella term to describe the symptoms of a large group of illnesses which cause a progressive decline in a person's functioning. Such illnesses result in a loss of:

- Memory;
- Intellect;
- Rationality;
- Social skills; and
- Physical functioning

In Alzheimer's Australia's latest "Key Facts and Statistics 2015" publication, we note the following in regards to Australia:

- There are approximately 25,100 people with Younger Onset Dementia (a diagnosis of dementia under the age of 65; including people as young as 30);
- An estimated 1.2m people are involved in the care of a person with dementia;
- Dementia is the third leading cause of death in Australia and there is no cure;
- Dementia is the single greatest cause of disability in older Australians (65 years and over) and the third leading cause of disability burden overall;
- Total direct health and aged care system expenditure on people with dementia was at least \$4.9b in 2009-10; and
- More than 50% of residents in Australian Government subsidised aged care facilities have dementia

The table below indicates the significant increase in the prevalence of dementia in the 70+ age group, and in particular the significant increase during the decade in 2030 of 47.2%.

		2011	2012	2015	2020	2030	2040	2050
Dementia Prevalence	#	235,704	246,459	280,328	345,403	508,410	711,300	884,511
Aged 70 +	Growth Rate		4.6%	13.7%	23.2%	47.2%	39.9%	24.4%

Source: Dementia Across Australia: 2011 – 2050, September 2011

Focusing on 2011, the number of dementia sufferers above 70 years of age (235,704) represented approximately 11% of the total population over 70 years of age in Australia. Broadly applying this percentage to the overall Lebanese Muslim population in the Catchment Area in 2011 results, it is projected approximately 105 persons who have dementia, increasing to approximately 394 persons in 2050.

Lebanese Migrants

Utilising Lebanon as the country of birth as the basis for net Lebanese migrations, our results indicate that the number of people who were born in Lebanon increased from 74,849 in year 2006 to 76,450 in year 2011, indicating a uptrend of net Lebanese migrations in Australia from 2006 to 2011.

Country of Birth: Lebanon		
2006 Census	2011 Census	Growth Rate
74,849	76,450	2.1%

Source: 2006 and 2011 Census Results

Arabic Speaking Population

The Census data from 2006 and 2011 indicate that the Arabic speaking population increased from 243,662 to 287,174 by 17.9% in Australia.

Language: Arabic Speaking		
2006 Census	2011 Census	Growth Rate
243,662	287,174	17.9%

Source: 2006 and 2011 Census Results

Religious Affiliation: Islam

In the 2006 census, 340,392 people stated their religion as Islam in Australia, increasing significantly to 476,290 in the 2011 census by 39.9%.

Religious Affiliation: Islam		
2006 Census	2011 Census	Growth Rate
340,392	476,290	39.9%

Source: 2006 and 2011 Census Results