

GeoMapping Plus Update with ABS Census 2021 Data

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We have undertaken a series of updates to our GeoMapping Plus product, and for all our Spectrum Analysis clients who use our mapping for schools. This update is to improve the information for demographics and the ACARA data when viewing individual schools.

Please log in to your mapping, and follow these instructions to see the new features.

Our aim is to help you 'Do It Yourself' in answering many of the questions that may be raised within your school, and if you still need further assistance such as adding in all you individual students, mapping your bus routes to see which students use the buses, and other layers specific to your school, please contact us.

ACARA data (by school type)

We now show every school in Australia (Independent, Catholic and Government), their website address and some general information including the full time Equivalent Teachers and full time Equivalent non- teaching staff. We now have all the student enrollment numbers from 2008 – 2021 and % changes annually plus for the period 2008-2021. This provides you with an easy visual to see how your feeder schools or competitors are tracking. There is also a ratio of full time teachers to students so you can benchmark that against other schools.

Finally, we have added a line of approx. fees at a typical Year 9 level based on the ACARA data.

Open the ACARA layers and click on the school you are interested in.

- School Name : **Spectrum Analysis School**
- Website : <http://www.spectrumanalysis.com.au>
- Campus Type : **School Single Entity**
- School Sector : **Independent**
- School Type : **Combined**
- Full Time Equivalent Teaching Staff : **50**
- Full Time Equivalent Non-Teaching Staff : **12.1**
- Total Enrolments : **596**
- Girls Enrolments : **263**
- Boys Enrolments : **333**
- Full-Time Equivalent Teaching Staff/Enrolment : **0.08**

Enrolments

Year	Enrolments	Change vs prev. year	Change vs 2008
2021 Enrolments	596	4.93%	213.68%
2020 Enrolments	568	10.08%	198.95%
2019 Enrolments	516	18.35%	171.58%
2018 Enrolments	436	13.84%	129.47%
2017 Enrolments	383	35.34%	101.58%
2016 Enrolments	283	25.78%	48.95%
2015 Enrolments	225	9.22%	18.42%
2014 Enrolments	206	3%	8.42%
2013 Enrolments	200	3.63%	5.26%
2012 Enrolments	193	-3.02%	1.58%
2011 Enrolments	199	0%	4.74%
2010 Enrolments	199	5.85%	4.74%
2009 Enrolments	188	-1.05%	-1.05%
2008 Enrolments	190	Not Available	0%

Average Fee

\$ per Student	\$7,324
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(Source: ACARA data updated July 2021)

Demographic data 2016 and 2021

There are two separate tabs in demographics so you can view and compare the changes over the five year period.

The table below is from the Census 2021 (Green).

In the below table you can view –

- Residential population
- Average Household Income
- Population numbers by age

We have segregated population data to align with what we feel is pre-school (0-5), primary school (6-12), secondary school (13-18) and tertiary age groups (19-24).

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	#
Residential population	12,420
Average Household Income	\$120,682

Age

	#	%
Population 0 - 5	876	7.1%
Population 6 - 12	1,042	8.4%
Population 13 - 18	774	6.2%
Population 19 - 24	837	6.7%
Population 25 - 34	1,833	14.8%
Population 35 - 44	1,948	15.7%
Population 45 - 54	1,638	13.2%
Population 55 - 64	1,204	9.7%
Population 65+	2,202	17.7%

In the next section you can view the sector and gender of children attending school, in terms of Government, Catholic or Independent, and how that changes from primary age group to secondary age group (numbers and %).

Students by Sector and Gender

Students	Total		Government		Catholic		Independent	
	Male	Female	Male	Female	Male	Female	Male	Female
Pre-school students	164	149	-	-	-	-	-	-
Primary school students	508	480	398	365	53	65	51	44
Secondary School students	374	370	232	208	73	83	77	62

Student Number and Percentage by Sector

Students	Total		Government		Catholic		Independent	
	#	%	#	%	#	%	#	%
Pre-school students	312	100%	-	-	-	-	-	-
Primary school students	974	100%	762	79.3%	117	12.2%	82	8.5%
Secondary School students	736	100%	430	60%	158	22%	129	18%

Additionally you can view 'language spoken at home' as an indication of the ethnicity in any area.

Language spoken at home		
	#	%
English Only	7,230	61.2%
Chinese	2,056	17.4%
Indo Aryan	876	7.4%
Arabic	30	0.3%
SE Asian & Austronesian	407	3.4%
Other Non-English	1,209	10.2%

(Source: Census 2021)

Longitudinal view on changes in numbers attending various types of school (2006 – 2021)

This allows you to see if more or less children are attending the various types of schools available: primary / secondary, and Independent / Catholic or Government schools.

- SA2 Area : **Balwyn**
- State : **VIC**

Primary Independent Students				
Year	Students	% of Total Primary Students	Change vs Previous Census #	Change vs Previous Census %
2006	212	16%		
2011	223	19%	+11 students	+5.2%
2016	251	20%	+28 students	+12.6%
2021	299	23%	+48 students	+19.1%

(Based on ABS Census 2006, 2011, 2016, 2021)

Population Projections

This is based on the population projections 2017 – 2032 created by the Australian Bureau of Statistics (ABS), and released in October 2019. This is the latest population projections as at August 2022.

- SA2 Area : **Ellenbrook**
- State : **WA**

Year	Total Persons
2022	50,242
2023	52,523
2024	54,807
2025	57,103
2026	59,448
2027	61,848
2028	64,268
2029	66,710
2030	69,173
2031	71,657
2032	74,159
Growth 22-32 (#)	+23,917 persons
Growth 22-32 (%)	+47.6%

There are also population projections 0 – 18 which we have incorporated to show pre-school, primary age and secondary age students.

- SA2 Area : **Ellenbrook**
- State : **WA**

Age 0-18 Population Projections				
Year	Age 0-4	Age 5-11	Age 12-18	Age 5-18
2022	4,742	6,192	5,098	11,290
2023	4,917	6,459	5,375	11,833
2024	5,080	6,705	5,666	12,372
2025	5,229	6,977	5,937	12,914
2026	5,372	7,230	6,224	13,455
2027	5,526	7,489	6,498	13,987
2028	5,683	7,734	6,752	14,485
2029	5,848	7,967	7,007	14,974
2030	6,014	8,201	7,265	15,466
2031	6,198	8,415	7,533	15,948
2032	6,372	8,639	7,803	16,443
Growth 22-32 (#)	+1,630 persons	+2,448 persons	+2,705 persons	+5,153 persons
Growth 22-32 (%)	+34.4%	+39.5%	+53.1%	+45.6%

Religion

In this table you can view what people selected as their religion, for 2016 and 2021 Census, and the change over the five year period. This allows you to view, Anglican, Catholic, Total Christianity, Islam, Hindu, Jewish, Buddhist and non-religious.

- SA2 Area : **Toowong**
- State : **QLD**

Christianity Anglican

Religious Affiliation:	Christianity Anglican	Total Persons reported Religion	% of Total Pop
2016	896	10,789	8.3%
2021	930	12,392	7.5%
Change 2016-2021 (#)	+34 persons	+1,603 persons	
Change 2016-2021 (%)	+3.8%	+14.9%	

(Based on ABS Census 2016, 2021)

Summary

We hope you find this easy to use and benefit from this information being available to you and your school leadership team.

Kind regards,



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