Data

We have used three different datasets.­­

The first data set that we used comes from the 2016 Australian Census made available by the Australian Bureau of Statistics (ABS). We used a public TableBuilder account (<https://auth.censusdata.abs.gov.au/webapi/jsf/login.xhtml>) to extract education level for each SA1 within Victoria. SA1s are the smallest geographic unit that the majority of census data is available at. They generally have a population of between 200 and 800 people (<http://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by%20Subject/1270.0.55.001~July%202016~Main%20Features~Statistical%20Area%20Level%201%20(SA1)~10013)>. The columns in this data set are:

* SA1 7 digit code
* Postgraduate Degree Level
* Graduate Diploma and Graduate Certificate Level
* Bachelor Degree Level
* Advanced Diploma and Diploma Level
* Certificate III & IV Level
* Secondary Education Years 10 and above
* Certificate I &II Level
* Secondary Education Years 9 and below
* Supplementary Codes
* Not stated
* Not applicable
* Total

The second data set that we used is a geographic lookup linking SA1s to local government areas (LGAs). We compiled this lookup using geographic files for SA1s and LGAs from the ABS and did a spatial join (within QGIS). The columns in this data set are:

* SA1\_MAIN16
* SA1\_7DIG16
* SA2\_MAIN16
* SA2\_5DIG16
* SA2\_NAME16
* STE\_NAME16
* LGA\_NAME17
* STE\_NAME17
* MetroMelbourne

The third data set that we used is from the Victorian health atlas.

<https://www.data.vic.gov.au/data/dataset/2015-local-government-area-profiles>