

CEPAR Summer Scholarship Project Nomination Form 2019/20

Project title: CEPARSS2303

Project Title:

Population ageing hotspots: the geography of Australia's oldest old populations

Supervisor (s)

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Project summary

The project will prepare population estimates of Australia's oldest old population – those in the nonagenarian years (ages 90-99) and centenarian years (ages 100+) in 2021. Official ABS population estimates are not available at these high ages at the sub-state scale. We will therefore create them by combining official Estimated Resident Populations (ERPs) by sex and single years of age at the State/Territory scale, total ERPs for local areas, and census data on the population by sex and single years of age at the local scale. If there is time, similar estimates will be prepared for 2011 to evaluate change over the decade to 2021.

Role of the scholarship holder(s) in the project

The scholarship holder will be involved in:

- extracting census data using TableBuilder Pro
- obtaining state and territory Estimated Resident Population data from the ABS website
- using Excel to apply iterative proportional fitting to create oldest old population estimates for local areas
- preparing suitable graphs and maps and contributing to a short report.

Required knowledge, skills and/or training

A basic knowledge of demography is required.

Good skills in Excel are needed.

Knowledge of GIS or mapping is preferred.

Some familiarity with ABS census and population data would be helpful.

N.B. Registration to use TableBuilder Pro will be required in advance.

Preference

Students are welcome from any background but should have good quantitative and computing skills, and an interest in population ageing.

Work period

The work period may be broken into two parts as students will not be expected to work during any university shutdown period over Christmas/New Year. You may either specify dates the student must be available to work over the summer period (i.e., to fit in with any leave you may have planned) or leave the exact dates open to negotiation with the successful applicant.

<p>Total work weeks:</p> <p><input type="checkbox"/> 4 weeks</p> <p><input type="checkbox"/> 5 weeks</p> <p><input checked="" type="checkbox"/> 6 weeks</p>	<p>Please tick one box</p> <p><input checked="" type="checkbox"/> Exact dates will be decided in consultation with the successful applicant</p> <p>OR</p> <p><input type="checkbox"/> The project must be conducted during the following period: --/--/-- to --/--/--</p>
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