

## Census 2016: Children ever born

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## Why fertility?

- Fertility, migration and mortality are the drivers of population change.
- On a global scale population size and structure is entirely dependent on fertility and mortality.
- In countries like Australia, migration also has a role in contributing to the size and composition of a population





#### Australia 2016







#### Australia 2066

Australia 2016 vs 2066 (No Change)







#### Australia 2066

Australia 2016 vs 2066 (Decreasing Fertility)







## Fertility has a huge impact

- It is often misunderstood that fertility change can have a big effect on overall population change
- This is one reason why policy-makers care (or should care) about fertility levels
- Researchers also care about the reasons why people have or do not have children





## **Measuring fertility**

Two ways typically used to measure fertility

Calculating rates e.g. Total fertility rate/ Age-specific fertility rate Using completed fertility e.g. Number of children ever born/ parity progression





























#### Results







## Results: Number of children (parity)\*



\*Completed fertility at age 40-44





## Differential fertility:

- Spatial patterns
- Religion
- Education







# Results: 2011 Census – Completed fertility\* by Education

Highest level of education	No children	Average number of children
Graduate/Post-graduate	26	1.55
Bachelor Degree Level	19	1.79
Advanced Diploma and Diploma Level	18	1.86
Certificate Level	14	2.08
Year 12 or equivalent	17	1.96
Year 11 or equivalent	14	2.15
Year 10 or equivalent	12	2.27
Year 9 or below	15	2.53
Not stated or inadequately described	17	2.07

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