

Early post-school outcomes of Indigenous young people: the role of literacy and numeracy

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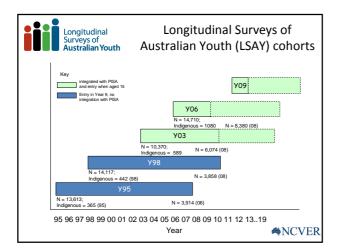
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Introduction

- Despite improvements significant gaps exist between Indigenous & non-Indigenous people
- Governments at both levels are striving to improve Indigenous people's outcomes
 - o Closing the Gap (COAG)
- Multiple factors contribute to Indigenous disadvantage and are highly interconnected
- Due to the consistently lower scores, improving literacy and numeracy is one of the key target areas to help close the gap



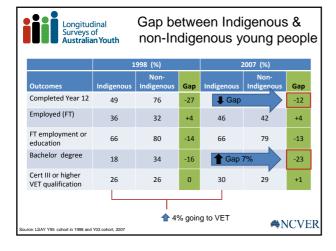




Surveys of Australian Youth What can LSAY tell us?

- Longitudinal Surveys of Australian Youth (LSAY)
- Provides a comparison between cohorts to see whether improvements have occurred
 - o 1998 (Y95) and 2007 (Y03)
- Outcomes of Indigenous young people can be segmented by background characteristics
- Literacy and numeracy levels at 15 yrs
 - o Program of International Student Assessment (PISA)
- But caution needed when generalising results
 - o Small sample size



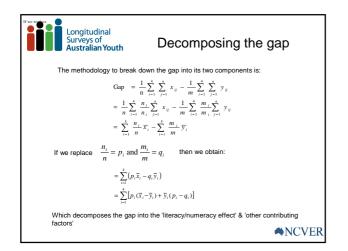


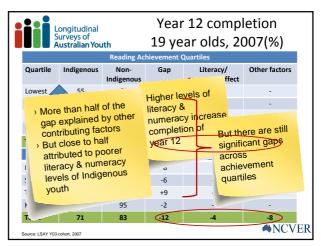


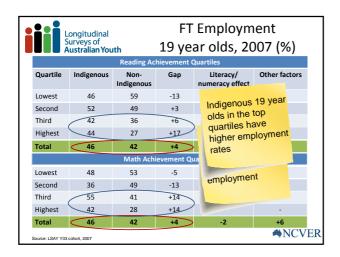
How much does literacy & numeracy contribute?

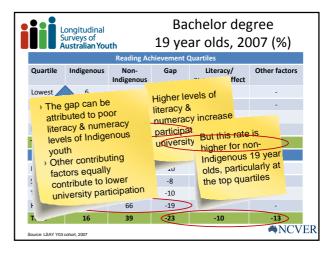
- How much does literacy and numeracy levels contribute to the educational gap?
- Break down the gap in school, post-school study and employment outcomes:
 - <u>'Literacy/numeracy effect'</u> how much the difference in distributions of the group achievement quartiles contributes to the gap
 - <u>'Other contributing factors'</u> how much is attributed to differences between Indigenous and non-Indigenous groups that are not related to ability e.g. health, parental income, locality, occupation, etc.

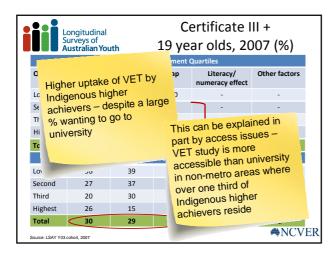
















Findings continued

- Slightly larger proportions (four percentage points) of Indigenous youth aged 19 years are in full-time employment, among them many high achievers.
- High achieving Indigenous youth are not participating in university study at the rate of their non-indigenous counterparts, despite a large proportion of these young people aspiring to university study.
- Instead, a large proportion of them are undertaking VET study. This may be because in non-metropolitan areas, there is better access to VET than university.





Conclusions

- Many Indigenous young people face multiple disadvantages, such as poor access to post-school education and poor health, in addition to low literacy and numeracy levels that subsequently affect their outcomes
- A multiple level approach is required to improve Indigenous outcomes in education and employment.
- But raising the levels of literacy and numeracy for Indigenous youth contributes significantly to close the educational and employment gap between Indigenous and non-Indigenous youth.

