

## Do changes in access to alcohol outlets influence alcohol consumption in young adults?

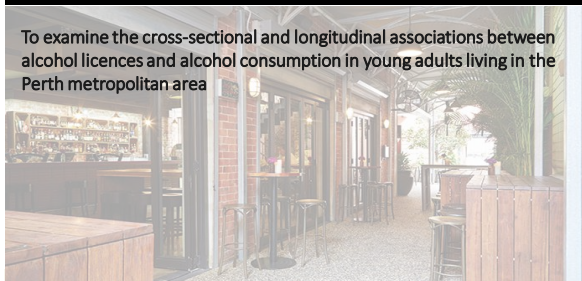
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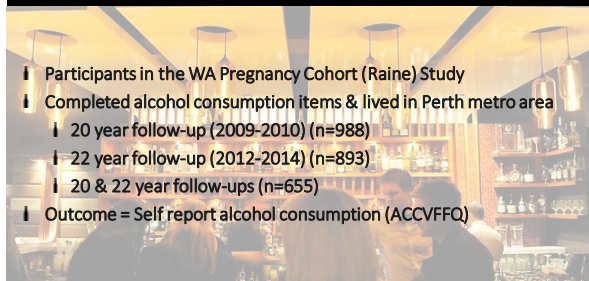
## Study aim

To examine the cross-sectional and longitudinal associations between alcohol licences and alcohol consumption in young adults living in the Perth metropolitan area



## Raine Study

- ↓ Participants in the WA Pregnancy Cohort (Raine) Study
- ↓ Completed alcohol consumption items & lived in Perth metro area
  - ↓ 20 year follow-up (2009-2010) (n=988)
  - ↓ 22 year follow-up (2012-2014) (n=893)
  - ↓ 20 & 22 year follow-ups (n=655)
- ↓ Outcome = Self report alcohol consumption (ACCVFFQ)



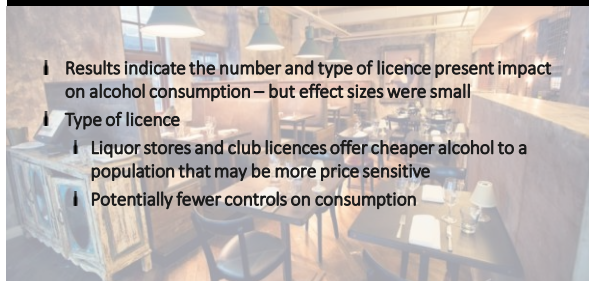
## Liquor licence locations

- ↓ Geocoded home addresses at 20 & 22 years
- ↓ Geocoded liquor licence locations (DRGL)
- ↓ Count of licences within 1600m road network distance of home
  - ↓ General licences
  - ↓ On-premise
  - ↓ Liquor stores
  - ↓ Clubs



## Implications

- ↓ Results indicate the number and type of licence present impact on alcohol consumption – but effect sizes were small
- ↓ Type of licence
  - ↓ Liquor stores and club licences offer cheaper alcohol to a population that may be more price sensitive
  - ↓ Potentially fewer controls on consumption



## Thank You

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