Who Aren’t We Reaching?
Measuring gaps in PrEP uptake in Gay and Bisexual Men (GBM) at High HIV Risk Using the ACCESS sentinel surveillance system

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HIV notifications in gay & bisexual men, NSW

- Rapid decline in HIV notifications in NSW
- BUT not in all subgroups
- PrEP needs to reach all high risk men

Source: NSW Quarter 2 2019 HIV Report
Aims

Once high-risk men attend sexual health services

1. What is the PrEP uptake?
2. Are there any subgroups where uptake is lower?
Data source and study population

37 ACCESS clinics
• Sexual health clinics
• Community sites
• High case load GBM general practices

July 2017-June 2018

19,726 GBM
Rectal STI diagnosis
1418 high risk (HR) GBM
By age group

53% uptake overall

p=0.001

PrEP uptake by age group:
- 18-24: 48%
- 25-34: 52%
- 35-44: 61%
- 45-54: 54%
- 55 and older: 40%

Overall uptake:
- 53%
By region of birth

<table>
<thead>
<tr>
<th>Region</th>
<th>PrEP Uptake</th>
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<tbody>
<tr>
<td>Africa or Middle East</td>
<td>36%</td>
</tr>
<tr>
<td>Oceania &amp; Antartica (excl Australia)</td>
<td>50%</td>
</tr>
<tr>
<td>Australia</td>
<td>52%</td>
</tr>
<tr>
<td>Asia</td>
<td>53%</td>
</tr>
<tr>
<td>Central &amp; South America</td>
<td>64%</td>
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<tr>
<td>Europe</td>
<td>70%</td>
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p = 0.001
By time since arrival

PrEP uptake

\( p > 0.072, \text{n.s} \)
By gaybourhood

![Bar chart showing proportions](image)

- Gay Sydney: 61%
- Non-Gay Sydney: 52%
- Other NSW: 47%

p = 0.006
By Aboriginal and Torres Strait Islander status

p > 0.066, n.s.
Conclusions

- In a clinical population
  - 53% uptake of PrEP
  - Lower in younger and older men, living outside of ‘gay suburbs’, born in Middle East/Africa, newly arrived and Aboriginal and Torres Strait Islander
- Need to understand barriers to PrEP uptake
- Findings can inform targeted health promotion strategies
ACCESS is a collaboration between the Burnet Institute, Kirby Institute and National Reference Laboratory.

ACCESS is funded by the Australian Department of Health. ACCESS also receives funding from specific states and studies, including EC Victoria and EC Australia.

We thank all clinics participating in ACCESS, including the site investigators who contributed data to this analysis and acknowledge the contribution of the ACCESS Team members:

Jason Asselin, Burnet Institute; Lisa Bastian, WA Health; Deborah Bateson, Family Planning NSW; Scott Bowden, Doherty Institute; Mark Boyd, University of Adelaide; Denton Callander, Kirby Institute, UNSW Sydney; Allison Carter, Kirby Institute, UNSW Sydney; Aaron Cogle, National Association of People with HIV Australia; Wayne Dimech, NRL; Basil Donovan, Kirby Institute, UNSW Sydney; Carol El-Hayek, Burnet Institute; Jeanne Ellard, Australian Federation of AIDS Organisations; Kit Fairley, Melbourne Sexual Health Centre; Rebecca Guy, Kirby Institute, UNSW Sydney; Margaret Hellard, Burnet Institute; Jane Hocking, University of Melbourne; Jules Kim, Scarlet Alliance; Scott McGill, Australasian Society for HIV Medicine; David Nolan, Royal Perth Hospital; Prital Patel, Kirby Institute, UNSW Sydney; Stella Pendle, Australian Clinical Laboratories; Philip Reed, Kirkton Road Centre; Norm Roth, Prahran Market Clinic; Nathan Ryder, NSW Sexual Health Service Directors; Christine Selvey, NSW Ministry of Health; Nicola Stephens, Victorian Department of Health; Mark Stoové, Burnet Institute; Helen Tyrrell, Hepatitis Australia; Toby Vickers, Kirby Institute, UNSW Sydney; Melanie Walker, Australian Injecting and Illicit Drug Users League; Michael West, Victorian Department of Health
The investigators on the NSW HIV Prevention Partnership Project Study are Professor Andrew Grulich, Dr Christine Selvey, Professor Rebecca Guy, Associate Professor Garrett Prestage, Associate Professor Iryna Zablotska, Ms Jo Holden, Mr Tim Duck, Mr Craig Cooper, Ms Karen Price, Professor Martin Holt, Professor John de Wit, Professor John Kaldor, Professor Anthony Kelleher, and Professor David Wilson. The late Mr Alan Brotherton, the late Professor David A Cooper, and the late Adjunct Associate Professor Levinia Crooks were also investigators on the grant. The project steering committee included these investigators and Mr Bill Whittaker, Mr Phillip Keen, Dr Denton Callander, Mr Daniel Madeddu, Dr Heather-Marie Schmidt, Ms Barbara Telfer, Ms Karen Price, Dr Mark Boyd, Dr Benjamin R Bavinton, Mr Scott McGill, Dr Prital Patel, Ms Cherie Power, Dr Angie Pinto, Dr Steven Nigro, Ms Tina Gordon, Mr Lance Feeney, and Mr Nick Rose. The members of the HIV Testing Working Group of the NSW HIV Prevention Partnership Project were Professor Rebecca Guy, Mr Tim Duck, Professor Andrew Grulich, Mr Phillip Keen, Dr Denton Callander, Dr Vickie Knight, Ms Vicki Bowden, Mr Philip Cunningham, Dr Limin Mao, Dr Prital Patel, Mr Karl Johnson, Professor John de Wit, Mr James Gray, Mr Matthew O'Dwyer, Dr Heather-Marie Scmidt, Mr Brent Clifton, and Mr Joel Murray.