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#ASHM17



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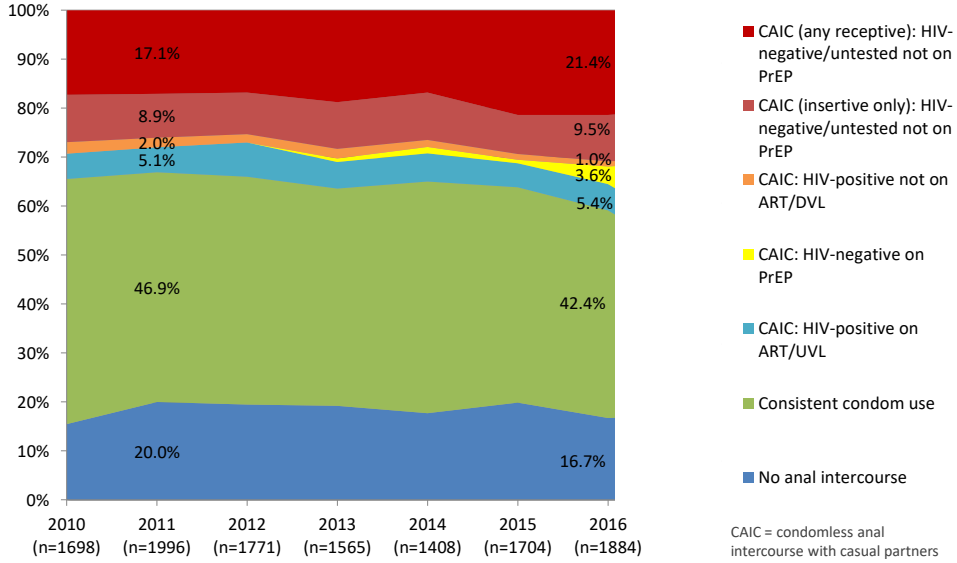
Background

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- Need to adapt behavioural surveillance to monitor community-level impact of PrEP and TasP
- New measures developed in 2016 ([Holt et al, 2017](#))
- Large scale up of PrEP/EPIC during 2016
- Sydney Gay Community Periodic Survey in Feb/Mar 2017
- Analysis looks at:
 - uptake and impact of PrEP on gay/bi men's practices with casual sex partners
 - characteristics of gay/bi men (GBM) using PrEP vs. men who are eligible but not using PrEP in 2017

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ARV protection/casual sex/last 6m

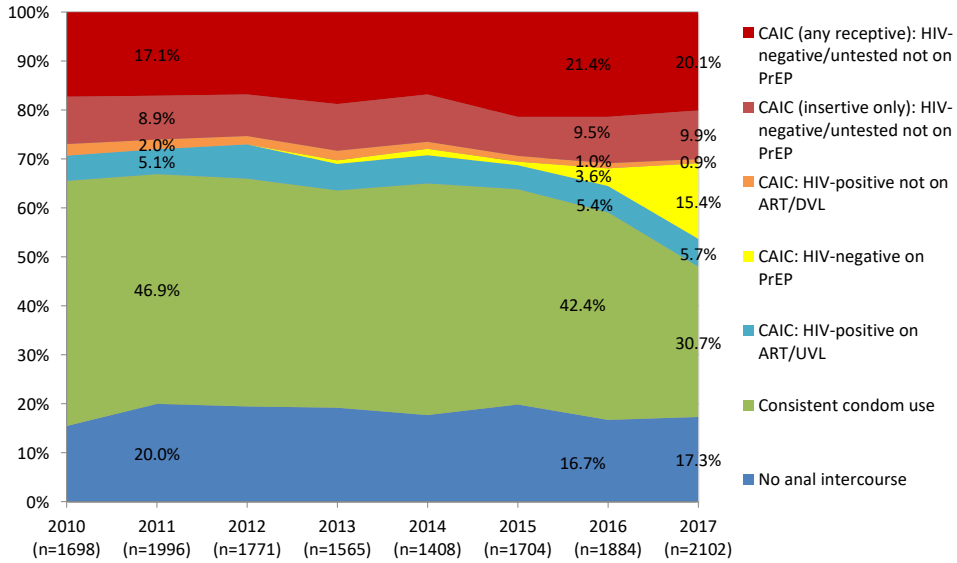


Source: Sydney Gay Community Periodic Survey 2017



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ARV protection/casual sex/last 6m



Source: Sydney Gay Community Periodic Survey 2017



Comparison of PrEP users & men eligible for PrEP (2017)

- Eligibility assessed using ASHM guidelines ([Wright et al. 2017](#))
- 25% of HIV-negative and untested gay men were eligible for but not using PrEP in 2017
- Eligible men were less sexually active than PrEP users but
 - 54% reported receptive CAIC
 - 50% reported a recent STI diagnosis
 - 23% reported recent crystal methamphetamine use
 - 17% reported group sex while using drugs
 - 34% frequently serosorted before CAIC



Comparison of PrEP users & men eligible for PrEP (2017)

	PrEP users (n=429)	Eligible but not using PrEP (n=779)	OR (95% CI)
Mean age	35.5yrs	33.7yrs	-1.80 (-3.08, -0.52)*
Australian born	64.0%	63.8%	ns
Asian born	9.6%	8.5%	ns
Aboriginal or Torres Strait Islander	4.1%	4.2%	ns
Lives in 'gay Sydney'	41.7%	32.4%	0.66 (0.52-0.85)*
Some gay friends	55.5%	42.9%	0.60 (0.47-0.76)*
Spends time with gay men	51.3%	37.9%	0.58 (0.46-0.73)*

* statistically significant



Summary

- Over 2016-17, increase in PrEP use (+11.8%) mirrored by decline in consistent condom use (-11.7%)
- Overall level of protection remained at ~70%
- Many GBM in Sydney remain eligible for PrEP (25%), particularly those who:
 - engage in receptive CAIC & HIV-negative serosorting
 - get diagnosed with STIs
 - engage in group sex & drug use (particularly crystal)
 - are younger
 - live in greater Sydney metro area
 - are less socially engaged with other gay men



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