

Gay Community Periodic Survey: Canberra 2013

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Publication details:

Commissioning Body: ACT Health 978-1-921493-57-7 (ISBN)

Publication Date: 2014-05-06

DOI: https://doi.org/10.26190/unsworks/25919

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Gay Community Periodic Survey Canberra 2013

Never Stand Still

Faculty of Arts and Social Sciences

Centre for Social Research in Health

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Gay Community Periodic Survey CANBERRA 2013

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Design and layout by Judi Rainbow

The Centre for Social Research in Health is partially funded by the Australian Government Department of Health and is located within Arts & Social Sciences at UNSW Australia.

Suggested citation:

Hull, P., Mao, L., Rossteuscher, K., Marion-Landais, S., Prestage, G., Zablotska, I., de Wit, J., & Holt, M. (2014). *Gay Community Periodic Survey: Canberra 2013.* Sydney: Centre for Social Research in Health, UNSW Australia.

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Acknowledgments

We acknowledge the following individuals and organisations for contributing to the success of this project:

ACT Health

who funded the project

AIDS Action Council of the ACT

for ongoing support of the study and assistance in data collection

ACT coordinator

Keiran Rossteuscher

Recruiters

who gave of their time to administer the survey

Survey participants

The 173 men who participated in the survey

Venues

The management and staff of the various gay community venues who gave permission for the survey to be administered on their premises

Centre for Social Research in Health

Judi Rainbow

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Glossary

ACT Australian Capital Territory

AIDS acquired immune deficiency syndrome

ART antiretroviral treatment

GP general practitioner

HCV hepatitis C virus

HIV human immunodeficiency virus

HIV-seroconcordant relationship a relationship in which both partners are of the same HIV status, either HIV-positive or HIV-negative

HIV-serodiscordant relationship a relationship in which both partners are known (as a result of testing) to be of different HIV status, e.g. HIV-positive and HIV-negative

HIV-serononconcordant relationship a relationship in which the HIV status of at least one partner in the relationship is not known, e.g. HIV-positive and untested, HIV-negative and untested, or both untested

HIV status a person's antibody status established by HIV testing, e.g. HIV-negative, HIV-positive, or unknown (untested)

PEP post-exposure prophylaxis

STI sexually transmissible infection

UAIC unprotected anal intercourse with casual partners

UAIR unprotected anal intercourse with regular partners

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Executive summary

The Canberra Gay Community Periodic Survey is a cross-sectional survey of gay and homosexually active men. Participants are recruited from gay venues and community events. The major aim of the survey is to provide data on sexual, drug use and testing practices related to the transmission of HIV and other sexually transmissible infections (STIs) among gay men. From its start in 2000, the project has been funded by ACT Health and coordinated by the AIDS Action Council of the ACT. In the 2013 survey, the sixth conducted in Canberra, 173 men were recruited from the Canberra springOUT Festival Fair Day, gay social venues and a sex-on-premises venue. The response rate was 73.7%.

In the 2013 survey there were significantly fewer participants than in 2011. The proportion of participants recruited at Fair Day was almost the same as in the previous survey after increasing significantly from 2009 to 2011. After a fall in the proportion of men recruited at the sex-on-premises venue in 2011 there was a significant increase in 2013 although this proportion is still below that of earlier surveys (Table 1). We have not been able to include some indicators and calculate some trends because of the small sample size in 2013. Readers should exercise caution when interpreting indicators with low cell frequencies.

Key points

- The proportion of non-HIV-positive men reporting an HIV test in the 12 months prior to the survey has been relatively stable since 2009 and was 67.4% in 2013.
- Monogamous relationships remain the most common relationship type in Canberra, reported by 31.2% of men in 2013.
- The proportion of HIV-negative men in a serononconcordant relationship (a relationship with an unknown status partner) has risen from 14.3% in 2003 to 27.8% in 2013.
- Six in every ten participants with a regular partner (60.9%) reported some unprotected anal intercourse with their partner in 2013. This proportion is stable.
- In 2013, just under a third of men with casual partners (29.7%) reported any unprotected anal intercourse with those partners in the six months prior to survey. This proportion did not change significantly between 2009 and 2013, but the trend over time is upwards.
- The use of the internet has declined markedly since 2009 (to 28.3% in 2013) while the use of mobile apps has become the most popular method to meet sex partners (34.7% in 2013).

Demographic profile

The men in the sample were primarily of Anglo-Australian background, lived in Canberra, were well-educated and in full-time employment. As in previous surveys, the proportion of men not working (13.1%) was higher than that found in the general population. The mean age of the participants was 37.7 years. The age distribution of the sample has changed over time (Table 2). Since 2003 there have been significant increases in the proportions of men aged under 25 years and between 25 and 29 years. Conversely, there have been significant decreases in the proportions of

participants aged 30–39 years and 40–49 years. In 2013 there were significantly more men aged 50 or over and fewer men aged under 25 than in the previous survey.

HIV status and testing

In 2013, most men reported that they had been previously tested for HIV (83.2%). However, over the period from 2003 there has been a significant downward trend in this proportion (Table 3). Most of these men were HIV-negative (89.6%), with smaller proportions of men reporting that they were HIV-positive (8.3%) or did not know their HIV status (2.1%) (Table 4). There has been no significant change in the proportion of men reporting that they are HIV-negative since 2003.

Although the proportion of non-HIV-positive men reporting a recent HIV test (an HIV test in the 12 months prior to the survey) has increased significantly between 2003 and 2013 (from 57.9% to 67.4%), the proportion has not changed significantly since 2009 (Table 3). The most popular place to get tested among non-HIV-positive participants was a clinic or hospital (44.6%) with a lower proportion reporting that their last test was at a GP (30.6%). Fewer than 5% obtained HIV tests at a bar, club or sex venue.

A question was introduced in 2013 asking how many HIV tests participants had had in the previous 12 months. Among non-HIV-positive men 42.4% reported no tests in the last year, 25.3% reported one test, 19.0% reported two tests, 10.8% reported 3-4 tests and 2.5% reported five or more tests.

As in previous surveys, the majority of HIV-positive men surveyed in 2013 (nine out of ten) reported that they were taking combination antiretroviral treatment (ART) (Table 5). However, please note the very small number of HIV-positive men who participated in 2013; this makes it difficult to interpret data about HIV-positive men in Canberra with any certainty.

Sexual practices

In 2013, about three in every ten men reported being in a monogamous relationship (31.2%) and a similar proportion (30.0%) reported that they had a regular partner and either they or their partner also had casual sex partners (Table 6). Nearly one in five participants (18.8%) reported casual partners only with a similar proportion reporting no sexual relationships with men at the time of survey (20.0%). The proportion of men who report having casual partners only has decreased significantly since 2003 (although there has been no significant change to this proportion since 2006).

The proportion of men with agreements with their regular partner about sex within the relationship has increased significantly from just over 50% in 2003 to 70% in 2013 (Table 7). The most common agreement allowed anal intercourse without condoms. Just over half of participants with regular partners had agreements about sex outside the relationship (Table 8). The most common agreement did not allow sex with casual partners and a smaller proportion reported that anal intercourse with casual partners was only allowed with a condom. Very few men (2.6%) reported an agreement that allowed anal intercourse without the use of condoms with casual partners.

Among HIV-negative men who had regular partners, most were in seroconcordant relationships (66.7%) or serononconcordant relationships (27.8%) where their partner has an unknown HIV status (Table 9). Since 2003 there has been a significant downward trend in the proportion in seroconcordant relationships and a corresponding increase in the proportion in serononconcordant relationships. A small proportion of the HIV-negative participants with a regular partner (5.6%) reported being in a serodiscordant relationship (where one partner is HIV-positive and the other is HIV-negative).

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About six in every ten participants with regular partners reported some unprotected anal intercourse with their regular partner (60.9%) while a quarter reported that condoms were always used for anal intercourse (25.2%) (Table 10). These proportions are stable over time. Rates of unprotected anal intercourse with regular partners varied based on the HIV status of the partners. Unprotected anal intercourse remains more common between regular partners who are both HIV-negative (45.6%), compared with HIV-negative men who have a serononconcordant partner (13.3%) (Table 11).

The use of condoms for anal intercourse remains more likely with casual partners than with regular partners. In 2013, about three in ten men with casual partners reported any unprotected anal intercourse (29.7%), while nearly half reported always using condoms (46.2%) (Table 13). These proportions did not change significantly between 2011 and 2013. However, the proportion of men who reported any UAIC has increased significantly over time between 2003 and 2013 with a corresponding fall in the proportion of participants that always used condoms with casual partners. In particular, the proportion of HIV-negative men reporting any UAIC increased significantly between 2003 and 2013 (Table 14).

In 2013, just over half of the participants with casual partners (51.3%) reported disclosing their HIV status to at least some of their casual partners while a slightly smaller proportion of men reported that their casual partners had disclosed their HIV status to them (48.7%) (Table 15). There was no significant change in the frequency of disclosure from the previous survey in 2013. However, since 2003 there has been a significant increase in the proportion of participants reporting HIV disclosure to or from casual partners.

Over a third of participants (34.7%) reported having sex with partners they met via a mobile application (such as Grindr) in 2013. Surprisingly, there was a significant downward trend over the period from 2009 in the proportion who found sex partners via the internet (41.2% to 28.3%) (Table 18). These appear to be the most common ways that men in Canberra meet sex partners. Since 2009 there have been significant falls in the proportions of men finding sex partners at gay bars, dance parties, gay saunas and other sex venues.

In 2013, a fifth of participants (21.2%) said they had engaged in group sex at least once in the past six months and fewer than one in 20 participants (4.6%) reporting that they had engaged in group sex during or after drug use.

Drug use

Drug use was common within the sample with the most frequently used drugs being amyl/poppers (26.6%), marijuana (20.2%), ecstasy (11.6%), Viagra (8.7%) and speed/ amphetamine (6.9%) (Table 21). Since 2003 there have been significant downward trends in the proportions of participants reporting the use of marijuana, ecstasy and amphetamines. The use of other drugs has been relatively stable since 2003. In 2013, only three men reported any injecting drug use in the six months prior to being surveyed.

Sexual health

As in previous surveys, a higher proportion of HIV-positive men (83.3%) reported having any sexual health test (including a blood test for syphilis) compared with HIV-negative men (72.3%) (although please note the very small number of HIV-positive men in the sample). Since the question about STI testing was first asked in 2003, there has been a significant upward trend in the proportion of men reporting testing for STIs. The most common STI test reported by HIV-negative men was a urine sample (60.8%) with about half also reporting a throat swab (53.1%) or anal swab (50.0%) (Table 20).

Of the men who indicated they had been tested for syphilis, just over half reported that their last test was conducted at a sexual health clinic (51.9%) with just over a third reporting being tested at their regular GP. About three-quarters of participants (71.1%) were aware that you could have syphilis without physical symptoms and two-thirds (69.9%) were aware you could get syphilis through oral sex (Table 20).

Almost one in ten men (8.1%) had been diagnosed with an STI other than HIV in the last 12 months. Of these 14 participants, 28.6% told a few of their sex partners, 7.1% told some and 50% told all of their sex partners.

In 2013, over three-quarters of the participants (78.7%) reported that they had been tested for hepatitis C (HCV). None of these men reported that they were HCV-positive.

Two-thirds of participants reported they were aware that PEP was readily available. This was a significant increase from 2003 although unchanged from the previous survey in 2011 (Table 25). In 2013, two non-HIV-positive men (1.2%) reported the use of PEP and one participant reported taking antiretroviral medication before sex to prevent HIV (PrEP).

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Findings

Reporting

Data are shown for the period 2003–2013. Each table includes the statistical significance (*p*-value), if any, of the change between 2011 and 2013 and the trend over time (2003-2013). An alpha level of .05 was used for all statistical tests.

Changes between 2011 and 2013 were assessed with logistic regression (comparing one category with all the others). In tables where there are mutually exclusive categories (shown on separate rows), the p-value of the logistic regression test (if shown) indicates a statistically significant change within that category compared with all the others. For statistically significant trends over time, tested with logistic regression, the direction of the change (an increase or decrease) is indicated. Where there is no significant change, ns (non-significant) is shown. Where there are low frequencies or data over time are not comparable, tests have not been performed and are marked NA (not applicable). Please exercise caution when interpreting results where there are low frequencies. When data are missing or were not collected in a given year, this is indicated in the table by a dash (–).

Tables

The findings of the survey are presented in tables 1 to 25 below.

Table 1: Recruitment venue

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (∕-value)	Trend over time (p-value)
Fair Day	148 (58.0)	157 (55.7)	160 (51.6)	187 (69.3)	121 (69.9)	ns	<i>p</i> < .001
Sexual health clinic	_	-	6 (1.9)	4 (1.5)	-	NA	NA
Sex-on-premises venue	36 (14.1)	32 (11.4)	15 (4.8)	3 (1.1)	10 (5.8)	p < .001	р < .05
Gay social venues	71 (27.8)	93 (33.0)	129 (41.6)	76 (28.2)	42 (24.3)	ns	ns
Total	255 (100)	282 (100)	310 (100)	270 (100)	173 (100)		

Table 2: Age

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (⊳-value)	Trend over time (⊳-value)
Under 25	22 (9.0)	26 (9.5)	58 (20.1)	71 (26.4)	28 (16.2)	Decrease $p < .05$	Increase $p < .001$
25–29	26 (10.6)	44 (16.0)	60 (20.8)	54 (20.1)	40 (23.1)	ns	Increase $p < .001$
30–39	88 (35.9)	87 (31.6)	74 (25.6)	69 (25.7)	34 (19.7)	ns	Decrease p < .001
40–49	73 (29.8)	80 (29.1)	58 (20.1)	48 (17.8)	31 (17.9)	ns	Decrease p < .001
50 and over	36 (14.7)	38 (13.8)	39 (13.5)	27 (10.0)	40 (23.1)	Increase $p < .001$	ns
Total	245 (100)	275 (100)	289 (100)	269 (100)	173 (100)		

Table 3: HIV testing

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
All men							
Ever tested for HIV	230 (90.2)	258 (91.5)	274 (88.4)	238 (88.2)	144 (83.2)	ns	Decrease p < .05
Total	255 (100)	282 (100)	310 (100)	270 (100)	173 (100)		
Non-HIV-positive men							
Tested for HIV in previous 12 months	125 (57.9)	140 (58.8)	182 (68.9)	173 (76.2)	89 (67.4)	ns	Increase p < .001
Total	216 (100)	238 (100)	264 (100)	227 (100)	132 (100)		

Table 4: HIV test result

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (p-value)
HIV-positive	13 (5.7)	16 (6.2)	9 (3.7)	10 (4.2)	12 (8.3)	NA	NA
HIV-negative	202 (87.8)	237 (91.9)	230 (95.0)	225 (94.5)	129 (89.6)	ns	ns
Unknown status	15 (6.5)	5 (1.9)	3 (1.2)	3 (1.3)	3 (2.1)	NA	NA
Total	230 (100)	258 (100)	242 (100)	238 (100)	144 (100)		

Note: This table only includes data from men who have been tested for HIV.

Table 5: Use of combination antiretroviral treatment among HIV-positive men at the time of the survey

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
On treatment	12 (92.3)	16 (100.0)	6 (75.0)	8 (80.0)	9 (90.0)	NA	NA
Total	13 (100)	16 (100)	8 (100)	10 (100)	10 (100)		

Table 6: Relationships with men at the time of the survey

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
None	33 (14.4)	41 (15.7)	58 (19.9)	47 (18.2)	34 (20.0)	ns	ns
Casual only	63 (27.4)	51 (19.5)	56 (19.2)	49 (19.0)	32 (18.8)	ns	Decrease $p < .05$
Regular plus casual	75 (32.6)	81 (30.9)	85 (29.1)	65 (25.2)	51 (30.0)	ns	ns
Regular only (monogamous)	59 (25.6)	89 (34.0)	93 (31.9)	97 (37.6)	53 (31.2)	ns	ns
Total	230 (100)	262 (100)	292 (100)	258 (100)	170 (100)		

Table 7: Agreements with regular male partners about sex within the relationship

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
No agreement about sex within the relationship	76 (47.5)	74 (39.8)	79 (41.8)	73 (37.4)	35 (29.2)	ns	Decrease p < .01
No sex at all				4 (2.1)	1 (0.9)	ns	NA
No anal intercourse permitted	5 (3.1)	9 (4.8)	6 (3.2)	4 (2.1)	5 (4.4)	ns	ns
Anal intercourse permitted only with a condom	27 (16.9)	36 (19.4)	46 (24.3)	45 (23.1)	26 (22.6)	ns	ns
Anal intercourse permitted without a condom	52 (32.5)	67 (36.0)	58 (30.7)	69 (35.4)	48 (41.7)	ns	ns
Total	160 (100)	186 (100)	189 (100)	195 (100)	115 (100)		

Note: This table only includes data from men who reported having a regular male partner in the six months prior to the survey.

Table 8: Agreements with regular male partners about sex outside the relationship

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (<i>⊳</i> -value)
No agreement about casual sex	75 (46.9)	90 (48.4)	91 (48.2)	89 (45.6)	55 (47.8)	ns	ns
No sex with casual partners permitted	34 (21.3)	45 (24.2)	45 (23.8)	61 (31.3)	30 (26.1)	ns	ns
No anal intercourse with casual partners permitted	5 (3.1)	7 (3.8)	9 (4.8)	4 (2.1)	2 (1.7)	ns	ns
Anal intercourse with casual partners permitted only with a condom	41 (25.6)	38 (20.4)	44 (23.3)	38 (19.5)	25 (21.7)	ns	ns
Anal intercourse with casual partners permitted without a condom	5 (3.1)	6 (3.2)	0	3 (1.6)	3 (2.6)	ns	ns
Total	160 (100)	186 (100)	189 (100)	195 (100)	115 (100)		

Note: This table only includes data from men who reported having a regular male partner in the six months prior to the survey.

Table 9: Match of HIV status between regular partners, reported by HIV-negative men

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (⊳-value)	Trend over time (⊳-value)
Seroconcordant	73 (80.2)	99 (88.4)	92 (77.3)	126 (74.1)	60 (66.7)	ns	Decrease p < .001
Serodiscordant	5 (5.5)	5 (4.5)	7 (5.9)	4 (2.5)	5 (5.6)	ns	ns
Serononconcordant	13 (14.3)	8 (7.1)	20 (16.8)	40 (23.5)	25 (27.8)	ns	Increase $p < .001$
Total	91 (100)	112 (100)	119 (100)	170 (100)	90 (100)		

Note: This table only includes data from men who reported having a regular male partner in the six months prior to the survey.

Table 10: Anal intercourse and condom use with regular partners

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (p-value)
No anal intercourse	24 (15.0)	28 (15.1)	20 (10.6)	27 (13.9)	16 (13.9)	ns	ns
Always uses a condom	52 (32.5)	52 (28.0)	48 (25.4)	53 (27.2)	29 (25.2)	ns	ns
Sometimes does not use a condom	84 (52.5)	106 (57.0)	121 (64.0)	115 (59.0)	70 (60.9)	ns	ns
Total	160 (100)	186 (100)	189 (100)	195 (100)	115 (100)		

Note: This table only includes data from men who reported having a regular male partner in the six months prior to the survey.

Table 11: HIV-negative men who had unprotected anal intercourse with regular partners, by match of HIV status

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (∕∕-value)
Seroconcordant UAIR	51 (38.1)	63 (39.6)	71 (48.3)	85 (50.0)	41 (45.6)	ns	Increase $p < .05$
Not concordant UAIR	21 (15.7)	30 (18.9)	31 (21.1)	20 (11.7)	12 (13.3)	ns	ns
No UAIR	62 (46.3)	66 (41.5)	45 (30.6)	65 (38.2)	37 (41.1)	ns	ns
Total	134 (100)	159 (100)	147 (100)	170 (100)	90 (100)		

Note: This table only includes data from men who reported having a regular male partner in the six months prior to the survey.

Total (not mutually exclusive)

Table 1211111 Hogaare Hoga												
	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊵-value)					
Took insertive position during UAIR	6 (28.6)	6 (20.0)	8 (25.8)	5 (25.0)	4 (33.3)	ns	ns					
Partner withdrew before ejaculation when participant was receptive	4 (19.1)	6 (20.0)	7 (22.6)	5 (25.0)	2 (16.7)	ns	ns					

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Table 12: HIV-negative men who engaged in UAIR and always used risk-reduction strategies with partners who were not concordant

Note: This table only includes data from men who reported having UAIR in the six months prior to the survey.

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Table 13: Anal intercourse and condom use with casual partners

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (∕⊳-value)
No anal intercourse	35 (19.4)	42 (25.3)	41 (21.8)	31 (21.4)	22 (24.2)	ns	ns
Always uses a condom	104 (57.8)	83 (50.0)	82 (43.6)	65 (44.8)	42 (46.2)	ns	Decrease p < .01
Sometimes does not use a condom	41 (22.8)	41 (24.7)	65 (34.6)	49 (33.8)	27 (29.7)	ns	Increase $p < .05$
Total	180 (100)	166 (100)	188 (100)	145 (100)	91 (100)		

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Note: This table only includes data from men who reported having casual male partners in the six months prior to the survey.

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Table 14: Any unprotected anal intercourse with casual partners, by HIV status of participants

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
HIV-negative men	29 (21.0)	32 (23.0)	56 (37.6)	44 (33.9)	21 (26.9)	ns	Increase $p < .05$
Total	138 (100)	139 (100)	149 (100)	130 (100)	78 (100)		

Note: This table only includes data from men who reported having casual male partners in the six months prior to the survey.

Table 15: Disclosure of HIV status to or from casual partners, by HIV status of participants

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
HIV-negative men							
Told casual partners	54 (39.1)	48 (34.5)	74 (49.7)	68 (52.3)	40 (51.3)	ns	Increase $p < .01$
Told by casual partners	56 (40.6)	43 (30.9)	76 (51.0)	66 (50.8)	38 (48.7)	ns	Increase p < .01
Total (not mutually exclusive)	138	139	149	130	78		

Note: This table only includes data from men who reported having casual male partners in the six months prior to the survey.

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (₂-value)	Trend over time (⊳-value)
HIV-negative men who disclosed to all	8 (27.6)	11 (34.4)	18 (32.7)	16 (38.1)	11 (52.4)	ns	ns
Total	29 (100)	32 (100)	55 (100)	42 (100)	21 (100)		

Table 16: Consistent disclosure of HIV status to casual partners among men who engaged in unprotected anal intercourse, by HIV status of participants

Note: This table only includes data from men who reported having UAIC in the six months prior to the survey.

Table 17: Positioning in unprotected anal intercourse with casual male partners, by HIV status of participants

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (⊳-value)
HIV-negative men							
Insertive only UAIC	10 (35.7)	9 (30.0)	17 (32.1)	12 (27.3)	9 (42.9)	ns	ns
Total	28 (100)	30 (100)	53 (100)	44 (100)	21 (100)		

Note: This table only includes data from men who reported having UAIC in the six months prior to the survey.

Table 18: Where men met their male sex partners in the six months prior to the survey

	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (o-value)
Internet	122 (41.2)	93 (34.4)	49 (28.3)	ns	Increase $p < .01$
Mobile app e.g. Grindr	_	86 (31.9)	60 (34.7)	ns	NA
Gay bar	95 (32.8)	66 (24.4)	30 (17.3)	ns	Decrease p < .001
Dance party	38 (13.3)	32 (11.9)	11 (6.4)	ns	Decrease $p < .05$
Beat	46 (16.1)	22 (8.2)	23 (13.3)	ns	ns
Gay saunas	67 (23.6)	44 (16.3)	28 (16.2)	ns	Decrease $p < .05$
Other sex-on-premises venues	49 (17.2)	22 (8.2)	17 (9.8)	ns	Decrease $p < .01$
Sex workers	_	6 (2.2)	5 (2.9)	ns	NA
In other Australian cities	_	75 (27.8)	39 (22.5)	ns	NA
Elsewhere in Australia	51 (18.0)	42 (15.6)	23 (13.3)	ns	ns
Private sex parties	21 (7.4)	10 (3.7)	6 (3.5)	ns	Decrease $p < .01$
Gym	24 (8.5)	18 (6.7)	6 (3.5)	ns	Decrease $p < .05$
Overseas	40 (14.1)	53 (19.6)	23 (13.3)	ns	ns
Total (not mutually exclusive)	284	270	173		

Table 19: Knowledge about syphilis

	2011 n (%)	2013 n (%)	Change from 2011 (p-value)
Aware that syphilis can have no physical symptoms	200 (80.0)	123 (73.2)	ns
Aware that syphilis can be transmitted through oral sex	179 (71.6)	121 (72.0)	ns
Total (not mutually exclusive)	270	173	

Table 20: STI testing among HIV-negative men in the 12 months prior to the survey

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (⊳-value)	Trend over time (⊳-value)
Anal swab	50 (24.8)	85 (35.7)	107 (46.5)	115 (50.7)	65 (50.0)	ns	Increase $p < .001$
Throat swab	63 (31.2)	90 (37.8)	115 (50.0)	126 (55.5)	69 (53.1)	ns	Increase $p < .001$
Penile swab	45 (22.3)	65 (27.3)	76 (33.0)	72 (31.7)	36 (27.7)	ns	ns
Urine sample	91 (45.1)	109 (45.8)	126 (54.8)	142 (62.6)	79 (60.8)	ns	Increase $p < .001$
Blood test other than for HIV	108 (53.5)	117 (49.2)	134 (58.3)	121 (53.3)	65 (50.0)	ns	ns
Blood test for syphilis	-	-	135 (58.7)	137 (60.4)	81 (62.3)	ns	ns
Any STI test (not Including blood test)	137 (67.8)	142 (60.0)	162 (70.4)	163 (71.8)	94 (72.3)	ns	Increase p < .05
Any STI test (including blood tests)	100 (49.5)	112 (49.5)	134 (58.3)	146 (64.3)	82 (63.1)	ns	Increase $p < .001$
Total (not mutually exclusive)	202	238	230	227	130		

Note: From 2009, the item 'Blood test for syphilis' was added and included in the calculation for any STI test (including blood tests).

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (∕⊳-value)	Trend over time (p-value)
Marijuana	73 (28.6)	62 (22.0)	60 (19.4)	55 (20.4)	35 (20.2)	ns	Decrease $p < .05$
Amyl	76 (29.8)	83 (29.4)	71 (22.9)	68 (25.2)	46 (26.6)	ns	ns
Ecstasy	58 (22.8)	48 (17.0)	67 (21.6)	40 (14.8)	20 (11.6)	ns	Decrease $p < .01$
Amphetamine (speed)	37 (14.5)	30 (10.6)	29 (9.4)	31 (11.5)	12 (6.9)	ns	Decrease $p < .05$
Crystal methamphetamine	12 (4.7)	21 (7.5)	12 (3.9)	15 (5.6)	4 (2.3)	ns	ns
Viagra	27 (11.0)	31 (11.0)	29 (9.4)	24 (8.9)	15 (8.7)	ns	ns
Cocaine	18 (7.1)	21 (7.5)	31 (10.0)	25 (9.3)	8 (4.6)	ns	ns
Ketamine (special K)	-	11 (3.9)	12 (3.9)	7 (2.6)	4 (2.3)	ns	ns
LSD	9 (3.5)	4 (1.4)	7 (2.3)	-	_		
GHB	_	8 (2.8)	10 (3.2)	12 (4.4)	3 (1.7)	ns	ns
Heroin	3 (1.2)	1 (0.4)	3 (1.0)	2 (0.7)	1 (0.6)	ns	ns
Mephedrone (meow meow)	_	_	_	3 (1.1)	1 (0.6)	ns	NA
Steroids	2 (0.8)	2 (0.7)	3 (1.0)	_	_		
Other drugs	20 (7.8)	17 (6.0)	16 (5.2)	27 (10.0)	10 (5.8)	ns	Increase $p < .01$
Total (not mutually exclusive)	255	282	310	270	173		
Number of drugs used							
None	130 (51.0)	151 (53.6)	175 (56.5)	158 (58.5)	99 (57.2)	ns	ns
One or two drugs	72 (28.2)	84 (29.8)	90 (29.0)	69 (25.6)	53 (30.6)	ns	ns
More than two drugs	53 (20.8)	47 (16.7)	45 (14.5)	43 (15.9)	21 (12.1)	ns	Decrease $p < .05$
Total	255 (100)	282 (100)	310 (100)	270 (100)	173 (100)		

Table 21: Recreational drug use among all men in the six months prior to the survey

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (p-value)	Trend over time (p-value)
Marijuana	57 (28.2)	51 (21.4)	44 (19.1)	44 (19.4)	25 (19.2)	ns	Decrease p < .05
Amyl nitrite (poppers)	64 (31.7)	73 (30.7)	58 (25.2)	63 (27.8)	41 (31.5)	ns	ns
Ecstasy	49 (24.3)	44 (18.5)	51 (22.2)	36 (15.9)	14 (10.8)	ns	Decrease $p < .01$
Amphetamine (speed)	30 (14.9)	29 (12.2)	22 (9.6)	26 (11.5)	8 (6.2)	ns	Decrease $p < .05$
Crystal methamphetamine	8 (4.0)	18 (7.6)	7 (3.0)	13 (5.7)	1 (0.8)	ns	ns
Viagra	25 (12.4)	28 (11.8)	21 (9.1)	20 (8.8)	10 (7.7)	ns	ns
Total (not mutually exclusive)	202	238	230	227	130		
Number of drugs used							
None	98 (48.5)	127 (53.4)	122 (53.0)	128 (56.4)	71 (54.6)	ns	ns
One or two drugs	62 (30.7)	70 (29.4)	73 (31.7)	61 (26.9)	45 (34.6)	ns	ns
More than two drugs	42 (20.8)	41 (17.2)	35 (15.2)	38 (16.7)	14 (10.8)	ns	Decrease $p < .05$
Total	202 (100)	238 (100)	230 (100)	227 (100)	130 (100)		

Table 22: Recreational drug use among HIV-negative men in the six months prior to the survey

Table 23: Injecting drug use in the six months prior to the survey

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (∕⊳-value)	Trend over time (⊳-value)
All men	4 (1.6)	5 (1.8)	9 (2.9)	7 (2.6)	3 (1.7)	NA	NA
Total	255 (100)	282 (100)	310 (100)	270 (100)	173 (100)		

Table 24: Party drug use and group sex among all men in the six months prior to the survey

	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (⁄2-value)	Trend over time (⊳-value)
Used party drugs for sex	34 (12.1)	36 (11.6)	32 (11.9)	21 (12.1)	ns	ns
Engaged in group sex during or after drug use	-	27 (8.7)	19 (7.0)	8 (4.6)	ns	ns
Total (not mutually exclusive)	282	310	270	173		

Table 25: Knowledge that post-exposure prophylaxis is available

	2003 n (%)	2006 n (%)	2009 n (%)	2011 n (%)	2013 n (%)	Change from 2011 (/>-value)	Trend over time (⊳-value)
Aware of PEP among non-HIV-positive men	116 (47.9)	_	_	170 (65.4)	105 (65.2)	ns	Increase $p < .001$
Total	242 (100)	-	-	260 (100)	161 (100)		

Appendix

Canberra Gay Community Periodic Survey 2013

Conducted by







This is a survey of sexual practices of men who have had sex with another man in the last five years. This survey is completely anonymous – please do not write your name on the questionnaire. Your responses are very important, they provide valuable information that assists in HIV health promotion efforts. PLEASE COMPLETE THE SURVEY ONCE ONLY

Section A – About you

Section A – About you	Section B – Your sex partners
1. How many of your friends are gay or homosexual men? ¹ None ² A few ³ Some ⁴ Most ⁵ All	In this survey we distinguish between REGULAR (boyfriend/lover) and CASUAL partners
 How much of your free time is spent with gay or homosexual men? ¹ None ² A little ³ Some ⁴ A lot 	12. Do you currently have sex with casual male partners? ¹ No ² Yes
 3. Do you think of yourself as: ¹ Gay/Homosexual ² Bisexual ³ Heterosexual ⁴ Other (please specify) 	 13. Do you currently have sex with a regular male partner? 1 No 2 Yes 14. How would you describe your sexual relationship with your current regular male partner? (choose one)
 4. How old are you? Years 5. Are you of Aboriginal or Torres Strait Islander origin? 	¹ We are monogamous – neither of us has casual sex ² Both my partner and I have casual sex with other men ³ I have casual sex with other men but my partner does not
 ¹ No ² Yes 6. What is your ethnic background? (e.g. Dutch, Greek, Vietnamese, Lebanese) 	⁴ My partner has casual sex with other men but I do not ⁵ I have several regular male partners ⁶ No current regular male partner → Go to Section C→
 ¹ Anglo-Australian ² Other 7. Where were you born? ¹ Australia ² Overseas 	 15. If you are in a regular relationship with a man, for how long has it been? ¹□Less than 6 months ²□6-11 months ³□ < 0
8. Where do you live? Postcode OR	☐ 1–2 years ⁴ ☐More than 2 years ⁵ ☐Not in a regular relationship with a man
Suburb/Town 9. Are you: 1 Employed full-time 2 Employed part-time 3 On pension/social security 4 A student 5 Unemployed 6 Other	 16. Do you have a clear (spoken) agreement with your regular partner about anal sex (fucking) within your relationship? ¹ No agreement ² Agreement: No sex at all ³ Agreement: No anal sex at all ⁴ Agreement: All anal sex is with a condom
10. What is your occupation? (e.g. bartender, teacher, welder) [(specify)	⁵ Agreement: Anal sex can be without a condom 17. Do you have a clear (spoken) agreement with your regular partner about sex with casual partners?
11. What is the highest level of education you have completed? ¹ Up to Year 10 ² Year 12 / HSC / SACE / VCE / WACE/ QCE ³ Tertiary diploma or trade certificate / TAFE ⁴ University degree Go to section B 7	¹ No agreement ² Agreement: No sex at all ³ Agreement: No anal sex at all ⁴ Agreement: All anal sex is with a condom ⁵ Agreement: Anal sex can be without a condom Go to section C →
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Section C – Sex	in the last 6 r	months			28. I fucked him v	vithout a condom but p	ulled out before I came.
18. How many different months?	ent <i>men</i> have yo	ou had sex v	vith in the l	last 6	¹ Never	² Occasionally	³ Often
¹ None	^₄ □6–10 men	7 M	ore than 50	men	29. He fucked me came.	e without a condom but	pulled out before he
² \Box One ³ \Box 2 5 mon	⁵ ∐11–20 mer	n			¹ Never	² Occasionally	³ Often
∟ız–5 men		1			30. I fucked him v	vithout a condom and	came inside.
19. In the last 6 mon men vou met at o	1ths how often h or through:	ave you ha	d sex with		¹ Never	² Occasionally	³ Often
,	N	lever Oc	casionally	Often	31. He fucked me	e without a condom and	d came inside.
Internet	n da	1 1	²	3 3	¹ Never	² Occasionally	³ Often
Gay bar	nar	1 1	2	3	Section E - C	asual male partners	s – last 6 months
Dance party		1 1	2	3□	32. Have you had	any sex with any casua	al male partner/s
Gym		1 1	2	3	in the last 6 r	months?	·
Beat		1 1	2	3	¹ Yes	²□No → Go	to section F 🗲
Gay sauna		1	2	3	¥		
Other sex venue		1	2	3	in the last	6 MONTHS which of	the following have you
Sex workers		1	2	3		any of your CASUAL I	male partner/s?
Private sex parties		1	2	3	Oral sex casua	al partner/s:	
In other Australian	cities	1	2	3	33. I sucked his c	ock but he did NOT cor	ne in my mouth.
Elsewhere in Austra	alia	1	2	3	¹ Never	² Occasionally	³ Often
Overseas		1	²	3			
20. In the last 6 mon	t hs , how often d	lid you have	e group sex	c .	34. He sucked my	y cock but I did NOT cor	me in his mouth.
involving at least	two other men	?			'LINever		°⊡Often
	³ ∐Ono	ce / A few ti	mes		35. I sucked his c	ock and he came in my	mouth.
² Monthly	⁺∐Ne∖	ver	o to sectio	n D 🖌	¹ Never	² Occasionally	³ Often
		0	0 10 300110				
Section D – Reg	ular male part	tners – la	st 6 mont	:hs	36. He sucked my	y cock and I came in his	s mouth. ₃□
Section D – Regu 21. Have you had ser in the last 6 mor	ular male part ex with regular m nths?	tners – la nale partner	st 6 mont /s	hs	36. He sucked my ¹ ⊡Never	y cock and I came in his ² □Occasionally	s mouth. ³⊡Often
Section D – Regu 21. Have you had se in the last 6 mor 1 Tes	ular male part x with regular m nths? 2□No →	tners – la nale partner Go to sec	st 6 mont /s tion E 7	:hs	36. He sucked my ¹ ⊡Never Anal sex casua	y cock and I came in his ² Occasionally al partner/s:	s mouth. ³⊡Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ □Yes ↓	ular male part x with regular m nths? 2□No ➔	tners – las nale partner Go to sec	st 6 mont /s tion E 7	hs	36. He sucked my ¹ ⊡Never Anal sex casua 37. I fucked him w ¹ ⊡Never	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally	s mouth. 3⊡Often
Section D – Regu 21. Have you had se in the last 6 mor 1□Yes ↓ in the last 6 M	ular male part x with regular m nths? 2□No ➔ MONTHS which	tners – las nale partner Go to sec n of the fol	st 6 mont /s tion E 7	hs ve you	36. He sucked my ¹ ⊡Never Anal sex casua 37. I fucked him w ¹ ⊡Never	y cock and I came in his ² Occasionally al partner/s: vith a condom. ² Occasionally	s mouth. 3⊡Often 3⊡Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ □Yes ↓ In the last 6 M done with any	ular male part x with regular m nths? ² □No → MONTHS which of your REGU	tners – la: nale partner Go to sec h of the fol LAR male	st 6 mont /s tion E 7 lowing hav	hs ve you s?	36. He sucked my ¹ ⊡Never Anal sex casua 37. I fucked him v ¹ ⊡Never 38. He fucked me	y cock and I came in his ² Occasionally al partner/s: vith a condom. ² Occasionally e with a condom.	s mouth. 3⊡Often 3⊡Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ □Yes ↓ In the last 6 M done with any	ular male part x with regular m nths? 2□No → MONTHS which of your REGU	tners – la: hale partner Go to sec h of the fol LAR male	st 6 mont /s tion E 7 lowing hav	hs ve you s?	36. He sucked my 1 □ Never Anal sex casus 37. I fucked him v 1 □ Never 38. He fucked me 1 □ Never	y cock and I came in his ² Occasionally al partner/s: vith a condom. ² Occasionally e with a condom. ² Occasionally	s mouth. ³ □Often ³ □Often ³ □Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ □Yes ↓ In the last 6 M done with any Oral sex regular p	ular male part x with regular m nths? ² No → MONTHS which of your REGU partner/s:	tners – las nale partner Go to sec h of the fol LAR male	st 6 mont /s tion E 7 lowing hav partner/s	hs ve you s?	36. He sucked my 1 □ Never Anal sex casua 37. I fucked him v 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him v	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally with a condom. ² Occasionally without a condom but p	s mouth. ³ Often ³ Often ³ Often ulled out before I came.
Section D – Regu 21. Have you had se in the last 6 mor 1 ☐ Yes ↓ in the last 6 M done with any Oral sex regular p 22. I sucked his cock 1 ☐ V:	ular male part x with regular m nths? ² □ No → MONTHS which of your REGU partner/s: x but he did NOT	tners – lat nale partner Go to sec h of the fol LAR male	st 6 mont /s tion E 7 lowing hav partner/s	hs ve you s?	36. He sucked my 1 □ Never Anal sex casua 37. I fucked him w 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him w 1 □ Never	y cock and I came in his ² Occasionally al partner/s: ² Occasionally ² Occasionally with a condom. ² Occasionally vithout a condom but p ² Occasionally	s mouth. ³ Often ³ Often ³ Often pulled out before I came. ³ Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ ☐Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐Never	ular male part x with regular m nths? ² No → MONTHS which of your REGU partner/s: x but he did NOT ² Occasiona	tners – la hale partner Go to sec h of the fol LAR male C come in m ally ³ □	st 6 mont /s tion E 7 lowing hav partner/s ay mouth. Often	ve you s?	36. He sucked my 1 Never 37. I fucked him v 1 Never 38. He fucked me 1 Never 39. I fucked him v 1 Never 39. I fucked him v 1 Never	y cock and I came in his ² Occasionally al partner/s: vith a condom. ² Occasionally with a condom. ² Occasionally vithout a condom but p ² Occasionally	s mouth. ³ Often ³ Often ³ Often ulled out before I came. ³ Often
Section D - Regu 21. Have you had se in the last 6 mor ¹ ☐Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐Never 23. He sucked my co	ular male part x with regular m nths? ² No → MONTHS which of your REGU partner/s: x but he did NOT ² Occasiona pock but I did NOT	tners – la hale partner Go to sec h of the fol LAR male Come in m ally ³	st 6 mont /s tion E 7 lowing hav partner/s ay mouth. Often is mouth.	hs ve you s?	36. He sucked my 1 □ Never Anal sex casua 37. I fucked him v 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him v 1 □ Never 40. He fucked me came.	y cock and I came in his ² Occasionally al partner/s: vith a condom. ² Occasionally with a condom. ² Occasionally vithout a condom but p ² Occasionally without a condom but p	s mouth. ³ Often ³ Often ³ Often ³ Often ulled out before I came. ³ Often ³ Often
Section D – Regu 21. Have you had see in the last 6 mor ¹ ☐ Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐ Never 23. He sucked my coc ¹ ☐ Never	ular male part x with regular m nths? ² □No → MONTHS which of your REGU partner/s: x but he did NOT ² □Occasiona pock but I did NOT ² □Occasiona	tners – lat nale partner Go to sec h of the fol LAR male (LAR male T come in h ally ³	st 6 mont /s tion E 7 lowing hav partner/s oy mouth. Often is mouth. Often	hs ve you s?	36. He sucked my 1 □ Never Anal sex casua 37. I fucked him w 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him w 1 □ Never 40. He fucked me came. 1 □ Never	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally with a condom. ² Occasionally without a condom but p ² Occasionally without a condom but ² Occasionally	s mouth. ³ Often ³ Often ³ Often ³ Often ³ Often ³ Often ³ Often ³ Often ³ Often
Section D – Regu 21. Have you had se in the last 6 mor 1 ☐ Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock 1 ☐ Never 23. He sucked my co 1 ☐ Never 24. Leucled his cock	ular male part x with regular m nths? ² No → MONTHS which of your REGU partner/s: x but he did NOT ² Occasiona pock but I did NOT ² Occasiona	tners – lat nale partner Go to sec h of the fol LAR male Come in m ally ³	st 6 mont /s tion E 7 lowing hav partner/s ny mouth. Often is mouth.	ve you s?	36. He sucked my 1 ☐ Never Anal sex casus 37. I fucked him w 1 ☐ Never 38. He fucked me 1 ☐ Never 39. I fucked him w 1 ☐ Never 40. He fucked me came. 1 ☐ Never 41. I fucked him w	y cock and I came in his ² Occasionally al partner/s: ² Occasionally with a condom. ² Occasionally without a condom but p ² Occasionally without a condom but ² Occasionally without a condom but	s mouth. 3 Often 3 Often 3 Often 3 Often ulled out before I came. 3 Often : pulled out before he 3 Often came inside
Section D - Regu 21. Have you had se in the last 6 mor ¹ ☐Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐Never 23. He sucked my coc ¹ ☐Never 24. I sucked his cock ¹ ☐Never	ular male part x with regular m nths? 2 □ No → MONTHS which of your REGU partner/s: x but he did NOT 2 □ Occasiona pock but I did NOT 2 □ Occasiona x and he came ir 2 □ Occasiona	tners – lat hale partner Go to sec h of the fol LAR male f come in m ally ³ T come in h ally ³	st 6 mont /s tion E 7 lowing hav partner/s op mouth. Often is mouth. Often h.	ve you s?	36. He sucked my 1 □ Never Anal sex casue 37. I fucked him w 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him w 1 □ Never 40. He fucked me came. 1 □ Never 41. I fucked him w 1 □ Never	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally with a condom. ² Occasionally without a condom but p ² Occasionally without a condom but ² Occasionally without a condom and ² Occasionally	s mouth. ³ Often ³ Often
Section D - Regu 21. Have you had se in the last 6 mor ¹ ☐ Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐ Never 23. He sucked my coc ¹ ☐ Never 24. I sucked his cock ¹ ☐ Never	ular male part x with regular m nths? 2 □ No → MONTHS which of your REGU partner/s: x but he did NOT 2 □ Occasiona book but I did NOT 2 □ Occasiona x and he came in 2 □ Occasiona	tners – la: hale partner Go to sec h of the fol LAR male Come in m ally ³ T come in h ally ³	st 6 mont /s tion E 7 lowing hav partner/s ay mouth. Often is mouth. Often h. Often	ve you s?	36. He sucked my 1 □ Never Anal sex casua 37. I fucked him v 1 □ Never 38. He fucked me 1 □ Never 39. I fucked him v 1 □ Never 40. He fucked me	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally with a condom. ² Occasionally without a condom but p ² Occasionally without a condom but ² Occasionally without a condom and ² Occasionally without a condom and ² Occasionally	s mouth. ³ Often ³ Often ³ Often ulled out before I came. ³ Often culled out before he ³ Often came inside. ³ Often came inside.
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Section D - Regu 21. Have you had see in the last 6 mor ¹ ☐ Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐ Never 23. He sucked my co ¹ ☐ Never 24. I sucked his cock ¹ ☐ Never 25. He sucked my co ¹ ☐ Never 26. I fucked him with	ular male part x with regular m nths? 2 □ No → NONTHS which of your REGU partner/s: x but he did NOT 2 □ Occasiona bock but I did NOT 2 □ Occasiona x and he came in 2 □ Occasiona bock and I came in 2 □ Occasiona bock and I came in 2 □ Occasiona bock and I came in 2 □ Occasiona	tners – la: hale partner Go to sec h of the fol LAR male Come in m ally ³ T come in h ally ³ n my mouth ally ³	st 6 mont /s tion E 7 lowing hav partner/s partner/s ny mouth. Often h. Often h. Often	hs ve you s?	36. He sucked my 1 ☐ Never Anal sex casua 37. I fucked him v 1 ☐ Never 38. He fucked me 1 ☐ Never 39. I fucked him v 1 ☐ Never 40. He fucked me came. 1 ☐ Never 41. I fucked him v 1 ☐ Never 42. He fucked me 1 ☐ Never 43. How many of before sex? 1 ☐ None	y cock and I came in his 2 Occasionally al partner/s: with a condom. 2 Occasionally with a condom. 2 Occasionally without a condom but p 2 Occasionally without a condom but 2 Occasionally without a condom and 2 Occasionally a without a condom and 2 Occasionally	s mouth. ³ Often ³ Often ⁴ came inside. ³ Often ⁴ came inside. ³ Often
Section D – Regu 21. Have you had se in the last 6 mor ¹ ☐ Yes ↓ In the last 6 M done with any Oral sex regular p 22. I sucked his cock ¹ ☐ Never 23. He sucked my coc ¹ ☐ Never 24. I sucked his cock ¹ ☐ Never 25. He sucked my coc ¹ ☐ Never 25. He sucked my coc ¹ ☐ Never 26. I fucked him with ¹ ☐ Never	ular male part x with regular m nths? 2 □ No → NONTHS which of your REGU partner/s: x but he did NOT 2 □ Occasiona and he came in 2 □ Occasiona ack and I came in 2 □ Occasiona partner/s: n a condom. 2 □ Occasiona	thers – lat hale partner Go to sec h of the fol LAR male r come in m ally ³ t come in h ally ³ n my moutt ally ³	st 6 mont /s tion E 7 lowing hav partner/s ny mouth. Often h. Often h. Often h. Often Often	ve you s?	 36. He sucked my 1 Never 37. I fucked him w 1 Never 38. He fucked me 1 Never 39. I fucked him w 1 Never 40. He fucked me 1 Never 40. He fucked him w 1 Never 41. I fucked him w 1 Never 42. He fucked me 1 Never 43. How many of before sex? 1 None 	y cock and I came in his ² Occasionally al partner/s: with a condom. ² Occasionally with a condom. ² Occasionally without a condom but p ² Occasionally without a condom but ² Occasionally without a condom and ² Occasionally	s mouth. 3 Often 3 Often 3 Often 3 Often ulled out before I came. 3 Often culled out before he 3 Often came inside. 3 Often d came inside. 3 Often d you tell your HIV status 3 All d you their HIV status
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- ³Often sionally
- partners last 6 months any casual male partner/s
 - Go to section F 🗲

- NOT come in my mouth. ³Often sionally
- NOT come in his mouth. sionally ³Often
- me in my mouth. sionally ³Often
- me in his mouth. ³Often sionally

- om.
- ³Often sionally lom but pulled out before I came.
- ³Often sionally
- ndom but pulled out before he ³Often
- lom and came inside. sionally ³Often
- ndom and came inside.
- ³Often sionally ner/s
- artners did you tell your HIV status

A2

6		7
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The following questions are for men who have had <u>any anal sex without a condom</u> with casual male partner(s) in the last 6 months. If you have not had any anal sex without a condom with casual male partners, **go to section F**

45. In the last 6 months, if you had anal sex without a condom with any casual male partner(s), did you do any of the following to avoid getting or passing on HIV?
I made sure we were the same HIV status before we fucked

I made sure we were the same HIV status before we fucked without a condom	¹ Never	² Occasionally	³ Often	⁴ Always
I chose to take the top role (I fucked him) because his HIV status was different or unknown to me	¹ Never	² Occasionally	³ Often	⁴ Always
I chose to take the bottom role (he fucked me) because his HIV status was different or unknown to me	¹ Never	² Occasionally	³ Often	⁴ Always
When I fucked him, I chose to pull out before cumming because his HIV status was different or unknown to me	¹ Never	² Occasionally	³ Often	⁴ Always
When he fucked me, I made sure he pulled out before cumming because his HIV status was different or unknown to me	¹ Never	² Occasionally	³ Often	⁴ Always
I took anti-HIV medication before sex	¹ Never	² Occasionally	³ Often	⁴ Always
I took anti-HIV medication after sex	¹ Never	² Occasionally	³ Often	⁴ Always
When my partner was HIV-positive, I checked he had an undetectable viral load before we had sex	¹ Never	² Occasionally	³ Often	⁴ Always

¹ Never

² Occasionally

³ Often

⁴ Always

I knew I had an undetectable viral load before we had sex

Go to section	1 F 🐓

Section F – HIV testing and HIV status	If you are HIV-positive please complete
46. Have you ever had an HIV antibody test?	the next four questions. If not, go to section $G \rightarrow$
1 \square No 2 \square Yes 47. When were you last tested for HIV antibodies? 1 \square Never tested 5 \square 7–12 months ago 2 \square Less than a week ago 6 \square 1–2 years ago 3 \square 1–4 weeks ago 7 \square 2–4 years ago 4 \square 1–6 months ago 8 \square More than 4 years ago 48. Based on the results of your HIV antibody tests, what is your HIV status? 1 \square No test/Don't know 3 \square Positive 2 \square Negative	 53. When were you first diagnosed as HIV-positive? Year 54. Are you on combination antiretroviral therapy? ² Yes ¹ No 55. What was your last viral load test? ¹ Undetectable ² Detectable ³ Don't know/unsure
49. Where did you have your last HIV test? 1 No test/don't know 4 Gay bar/club/sex venue 2 GP 5 At home 3 Clinic/hospital 6 Somewhere else 50. How many HIV tests have you had in the last 12 months? 1 None (no tests) 4 3-4 tests 2 One test 5 5 or more tests 3 Two tests	56. What was your last CD4 count? 1□<200
 51. If you have a regular partner, do you know the result of his HIV antibody test? 1□ Positive ³□ I don't know/He hasn't had a test 2□ Negative ⁴□ No regular partner 	Survey continues on next page
 52. If your regular partner is HIV positive, what was his last viral load test? ¹□Undetectable ³□Don't know/unsure 	У
² Detectable ³ No HIV-positive partner	00000 0040
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Section G – STI testing

57. Which of these sexual health tests have you had in the last 12	have?			• • •	Ū.
None Once Twice 3 or more	¹ No				
Analysish $1 2 3 4$	² Yes, I was pre	scribed ar	ti-HIV med	ication to tal	ke
Throat such $1 \square 2 \square 3 \square 4 \square$	every day				
$1 \qquad 2 \qquad 3 \qquad 4 \qquad \qquad$	³ Yes, I took ant	i-HIV med	ication that	was not pre	scribed
				Goto	section I
Urine sample \Box \Box \Box \Box				0010	
Blood test for	Section I – Drug	use			
syphilis	68. How often have ye	ou used th	nese drugs	in the last 6	months?
Other blood test $1 \ 2 \ 3 \ 4 \$		Never	Once/	At least	Every
58 Where did you go the last time you had a synhilis test?	A multipage a serie	1		monthly 3	week ₄□
$\frac{1}{1}$ My regular GP $\frac{4}{1}$ HIV clinic	Anyi/poppers		2	3	
2 A nother CD 5 Never tested			2	3	
	viagra/Cialis etc	<u>ا</u> ل.	2	3	
	Ecstasy		2 2	° 3	<u>ا</u> ⊿
59. Were you aware that someone could have syphilis without any	Speed		2 2	° 3	<u>ا</u> ⊿
physical symptoms?	Cocaine	.□ .□	2 2	2	
¹ Yes, I was aware ² No, I wasn't aware	Crystal meth	'U	² 	ے د ا_د	"
60 Were you aware you could get synhilis through oral sex?	GHB	'Ш	²	٩Ц	4∟
$1 \nabla c_{s} = 1 \nabla c_{s} = 1 \nabla c_{s}$	Ketamine (special K)	1	2	3	4
	Heroin	1	2	3	4
61. Have you ever been tested for hepatitis C?	Meow meow	1	2	3	4
¹ Yes ² No ³ Don't know	(mephedrone)				
62 What is your hanatitis C status?	Any other drug	1	2	3	4
	69. How often have v	ou iniecte	d drugs in t	the last 6 m	onths?
		3] 3		hwice	
63. Were you diagnosed with any sexually transmitted infection		⊾ 4		IWICE	
(other than HIV) in the last 12 months?		iy L			
¹ LYes ² LNo	70. Have you ever inj	ected drug	js?		
64. If you were diagnosed with a sexually transmitted infection in	¹ Yes	2	No		
the last 12 months, how many of your sex partners did you tell	71 In the last 6 mon	the how o	ften have v	ou used nai	ty drugs for
about your diagnosis?	the purpose of set	x?	nten nave y		ty ulugo loi
¹ LINone ² LIA few ³ LISome ⁴ LIAII	¹ Every week	3	Once or	twice	
⁵ Not been diagnosed with an STI in the last 12 months	² At least month	ly 4	Never		
Go to section H ♥			a 1		
Section H – HIV medication to prevent HIV	72. In the last 6 mon	t ns , now c tv druas?	otten have y	/ou had grou	ip sex atter
		3] 3]		twice	
65. What do you know about post-exposure prophylaxis (PEP)?		↓ 4		WICC .	
¹ It's readily available now		'y L			
² It will be available in the future					
³ I've never heard about it	Tho su	ryay c	oncluc	las hard	`
	The Su	Iveyc	Uncluc		7.
If you are HIV-positive you can skip the next two					
questions and go to section 1 a	Than	k you	for yoı	ır time.	
66 In the last 6 months , did you take a prescribed course (28					
days) of anti-HIV medication (PEP) because you were	As this surv	/ey is and	Dipase cl	feedback c	annot SDU
exposed to HIV?	and AIDS A	Action Co	uncil webs	sites for the	e results of
	this survey.				
² LYes, once	https://csrh	.arts.uns	w.edu.au		
³ Yes, more than once	http://www	aidsactio	n org au		
Questions continue 🛪					
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67. In the last 6 months, did you take any anti-HIV medication to reduce your chance of getting HIV during any sex you might

			Go to	section I 🛡
Section I – Drug	use			
68. How often have y	ou used th	nese drugs	in the last 6	months?
	Never	Once/ twice	At least monthly	Every week
Amyl/poppers	1	2	3	4
Marijuana	1	2	3	4
Viagra/Cialis etc		2	3	4
Ecstasy		2	3	4
Speed		²	3	4
Cocaine		²Ц	3	4
Crystal meth		²Ц	3	4
GHB	ïШ	۲Ш	٩Ц	4
ketamine (special K)	1	2	3	4
Heroin	1	2	3	4
Meow meow	1	2	3	4
(mephedrone)	1□	2□	3	4
Any other drug		-	۰L	
¹ Every week ² At least month	ou injecte 3[ily ⁴ [d drugs in Once or Never	the last 6 m	onths?
70. Have you ever inj ¹⊡Yes	ected drug 2	js? ⊒No		
71. In the last 6 mon the purpose of se	ths , how c x?	often have	you used par	ty drugs for
¹ Every week	3	Once or	twice	
² At least month	ıly ⁴[Never		
72. In the last 6 mon or while using par ¹ ☐Every week ² ☐At least month	ths, how c ty drugs? ³ [ıly ⁴ [often have <u>y</u> Once or Never	you had grou twice	ıp sex after
The su	rvev c	onclud	les here	Э.
		_		
Than	k you	tor you	ir time.	

A4