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Sex Now 2014/2015: Gay Generations, Life Course, and Gay Men's Health



Dr. Nathan Lachowsky, U. of Victoria
Logan Lorenz & Jeff Morgan,
CBRC Research Team



Please make sure you access the audio
portion:
Toll-free access number: 1-866-500-7712
Access code: 3970509

**The webinar will commence
shortly.**

**All participants will be muted
until the question period.**

Generations, Life Course, & Gay Men's Health: Findings from the 2014/2015 National Sex Now Survey

Nathan Lachowsky

Jeffrey Morgan

Logan Lorenz

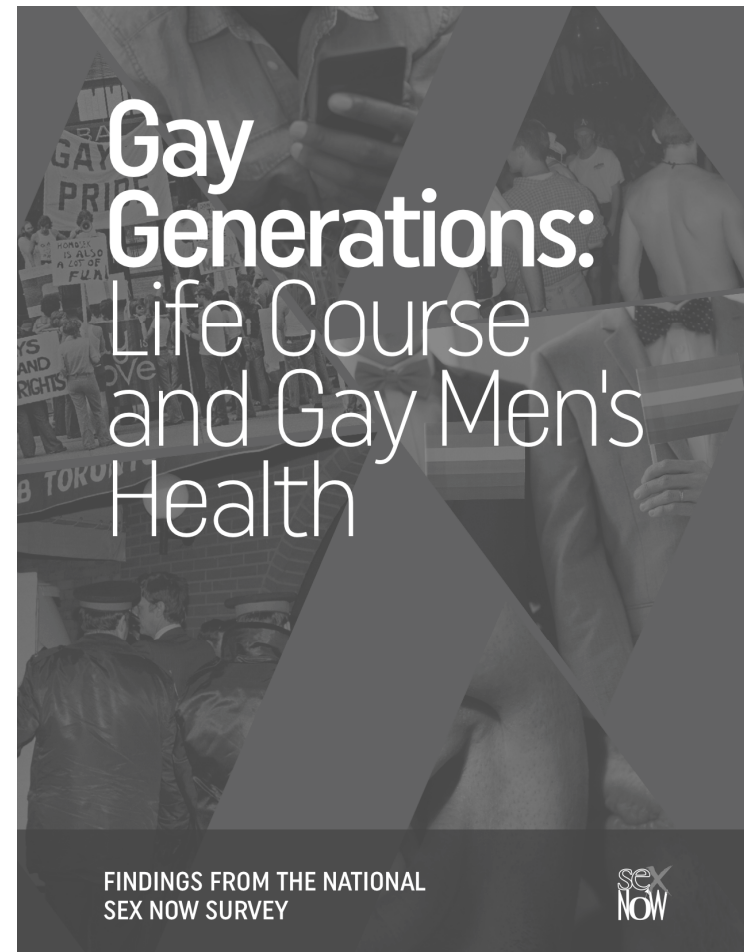


Presentation Outline

- “Gay Generations: Life Course and Gay Men’s Health” Report
 - Sex Now 2014/2015 Methods
 - Report Overview
- CBRC’s Investigaytors Program
 - Program Overview
 - Health Care Access
 - Migration
- Questions & Comments

Gay Generations Report

- Community-Based Research Centre in Gay Men's Health: National Sex Now Survey
- Authors: Dr. Terry Trussler & David Ham, Sex Now Research Team, The Investigaytors
- Available online: www.cbrc.net



Sex Now Survey

- **National periodic survey**
 - **2002 & 2004**: paper surveys at Vancouver, Victoria & Prince George Pride Festivals
 - **2006, 2007, & 2008**: first online surveys across British Columbia
 - **2010, 2012, & 2015**: first national survey across Canada
 - Full history: <http://cbrc.net/sexnow/about>
- Addresses lack of national data

Sex Now 2014/2015 (SN15)

- A survey of “sex between men”
- Online questionnaire in both English & French
- Anonymous participation
- No compensation provided
- Survey protocol approved by the independent Research Ethics Board of the CBRC

Sex Now 2014/2015 (SN15)

- Online recruitment from Oct 2014 – May 2015
 - Social media, websites (e.g. Squirt), mobile apps
- 8,000 completed surveys (of 15,000 started)
 - Completion rate effected by technology (mobile) and length of survey (longest to date)
- Analyses conducted using IBM SPSS

Gay Generations

- **Context:**
 - Social Determinants of Health
 - Recommendations of the US Institute of Medicine Report on The Health of Lesbian, Gay, Bisexual and Transgendered People
- **Goal:**
 - Explore the influence of changes in historic patterns of stigma and discrimination, and how they impact current circumstances related to health and HIV

Gay Generations

- **Life Course Theory – Dr. Hammack, UC Santa Cruz**
 - powerful connection between individual lives and the historical, cultural and economic context in which they unfold
 - extensive qualitative research described five co-existing generations among American gay men born from the 1930s to 1980s
- **Gay Generations in Canada:**
 - Distinct history from events in the US
 - SN15 included men born from the 1940s to the 1990s
 - **Five age groups: 15-24, 25-34, 35-44, 45-59, 60+**

Challenges with Gay Generations

- Age group cut points are artificially hard boundaries necessitated by data analysis
 - Not evenly spaced generational cohorts of 20 years
 - Smaller and inconsistent frames of 10 and 15 years
- The two oldest cohorts are missing great numbers of gay men who died in the epidemic
- One third of each of these cohorts now includes bisexual or straight identifying men
- Lacks the depth and complexity to show where and how age intersects with sexual, gender and ethno-racial identities

Generation Gay Pride

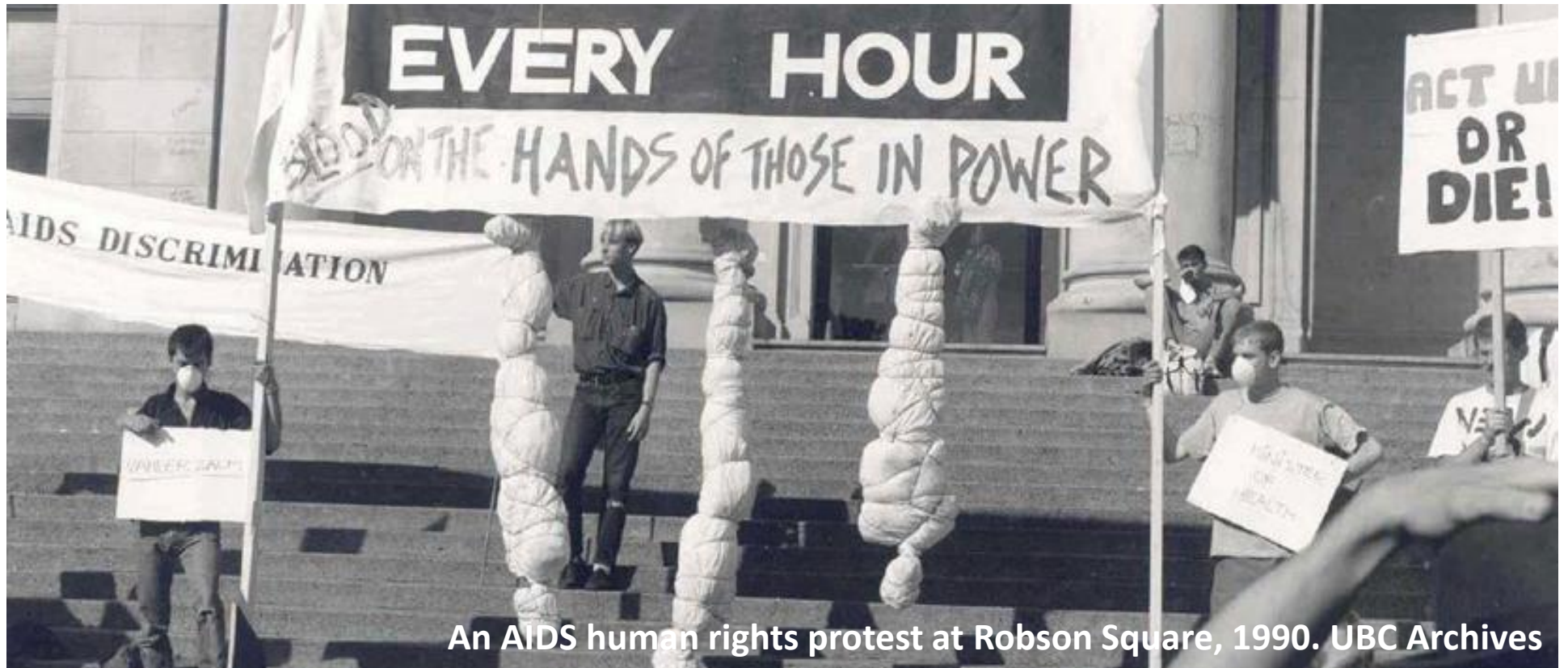
Age: 45-59, Born: 1956-70, Late Boomers to Gen X



Toronto Bathhouse raids Feb 5; 1981. From the Toronto Star Archives

Generation Safe Sex

Age: 35-44, Born: 1971-80, Gen X to Gen Y



An AIDS human rights protest at Robson Square, 1990. UBC Archives

Generation ART

Age: 25-34, Born: 1981-1990, Gen Y to Millennials



The Boots dancefloor during a 1990s Pride weekend event. Photo: Casey McNeill.

Generation Gay Marriage

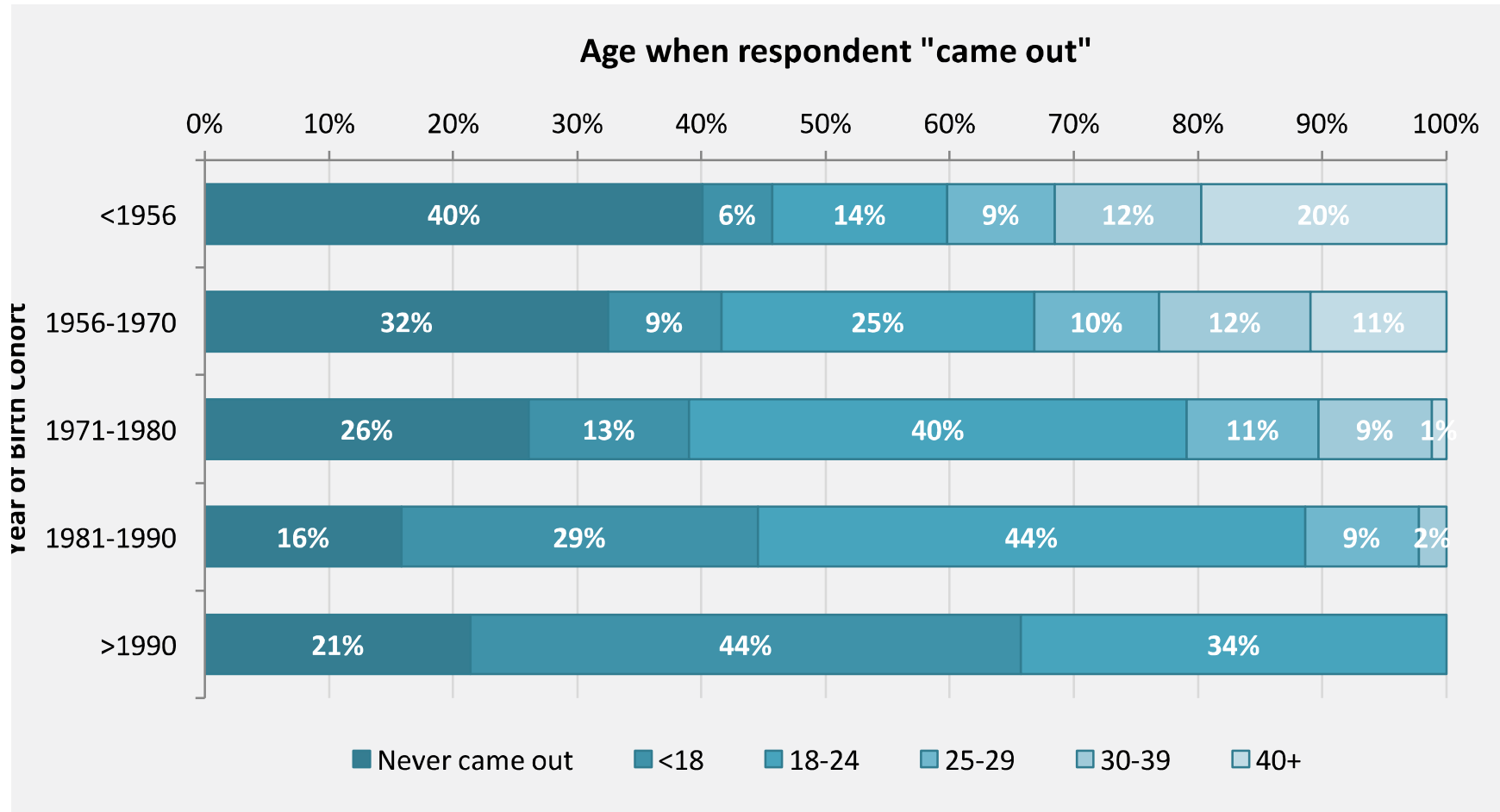
Age: 15-24, Born: 1991-2000, Millennials



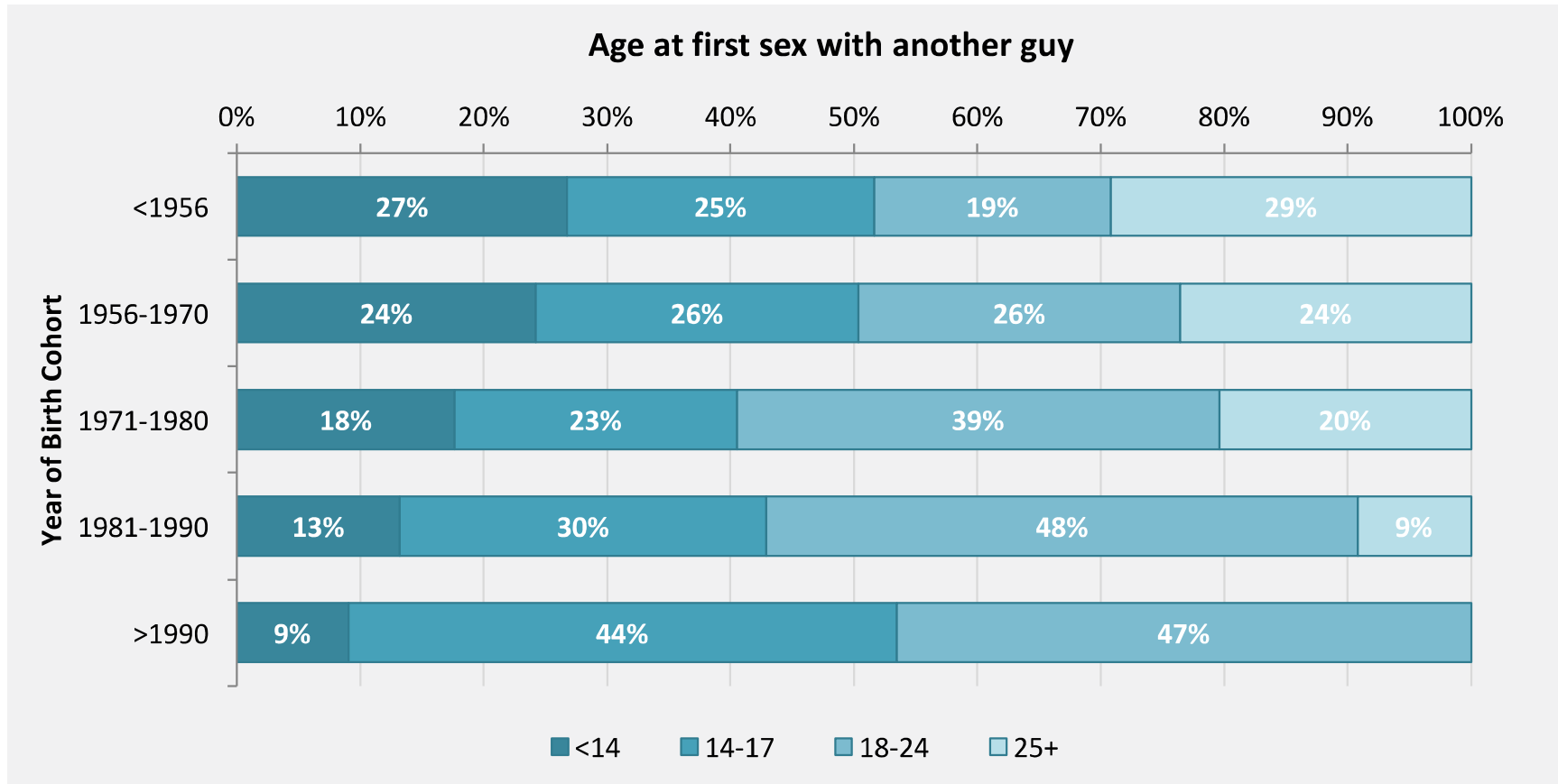
Demographics

- Gay identity: **64% to 79%**
 - Oldest gen: 33% bisexual;
 - Youngest gen: 11% queer
- Trans: **11% in youngest generation**
- White race: **79% to 93%**
- Urban living environment : **50%-63%**
- Employed: **24% to 76%**
 - Oldest gen: 64% retired
 - Youngest gen: 60% students

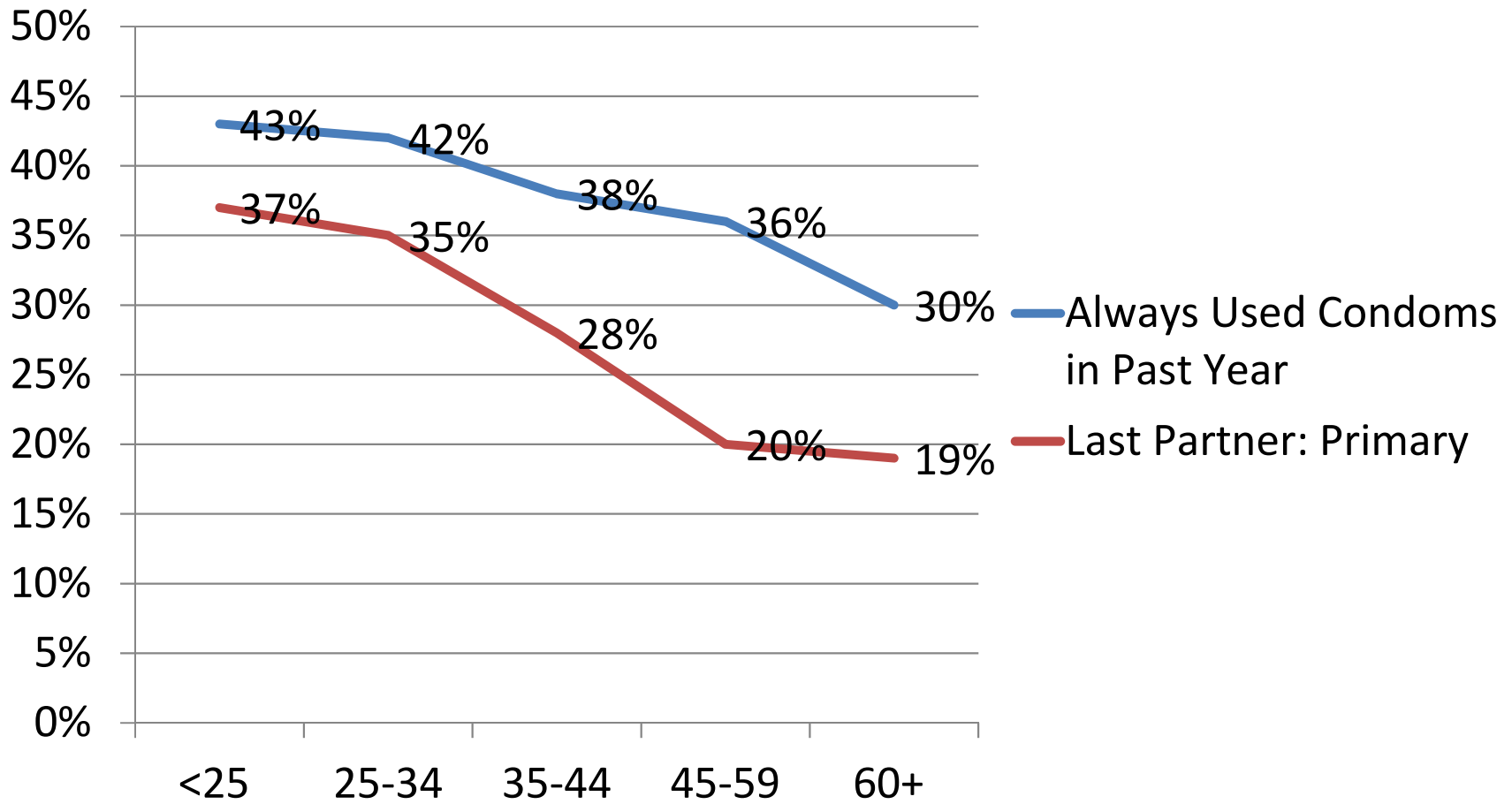
Coming Out



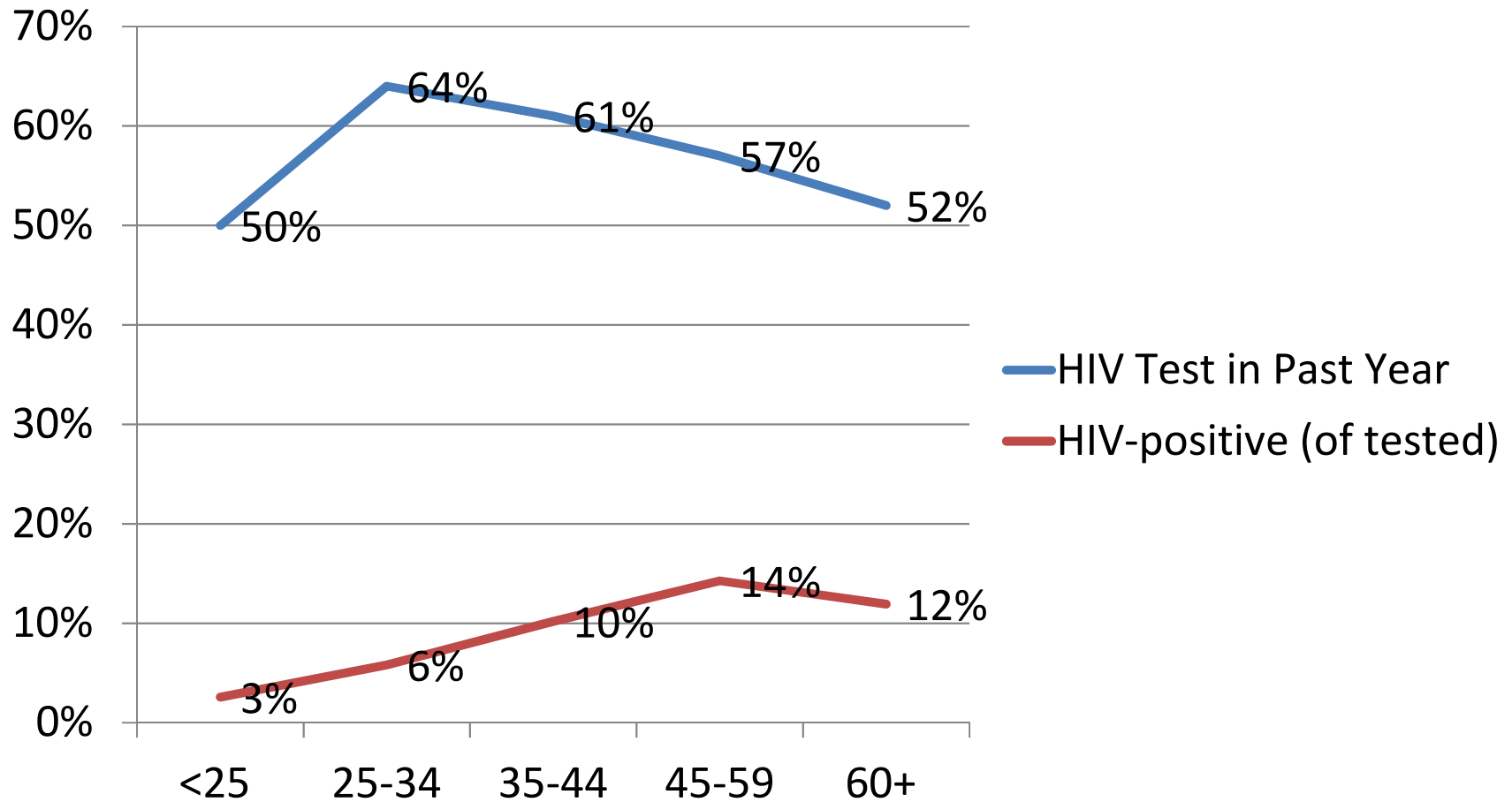
Sexual Debut



Sexual Health



Sexual Health



Acknowledgement of Funders

- Vancouver Foundation
- BC Centre for Disease Control
- Public Health Agency of Canada
- Shooting Stars Foundation
- Province of British Columbia

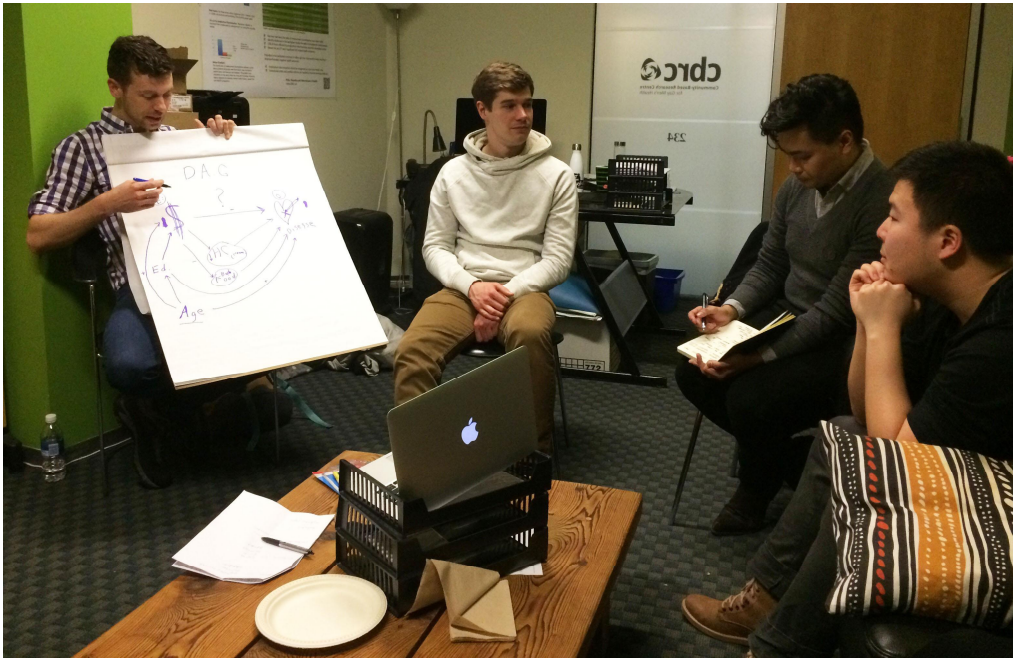
Slide 21

J1

Maybe include the logos of these organizations instead of just the text which is a little more boring

Nathan Lachowsky, 2/27/2017

Investigaytors



Friend of Investigaytors Dr. Travis Salway with Alex, Kevin, and Robin



Investigaytors Simon, Justin, Sam, Jeff, Kevin, and Logan

Access to Healthcare: Guiding Questions

1. Where are different generations accessing healthcare?
2. What barriers do different generations face when accessing healthcare?
3. How aware are different generations about various HIV prevention strategies?
 - PrEP in Sex Now 2014/15

Methods

The following statements are **TRUE**. Were you previously aware of them before taking this survey?

PEP - Post Exposure Prophylaxis: Within three days after a sexual risk event (such as fucking without a condom) there are medications you can take for a month that can prevent an HIV infection from establishing.

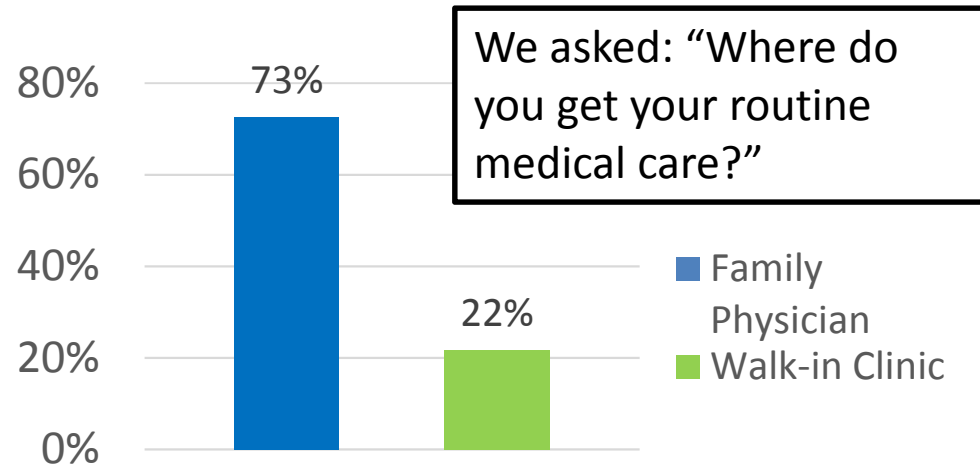
PrEP - Pre Exposure Prophylaxis is a daily antiretroviral medication now available for HIV negative men that can prevent sexual transmission of HIV (not yet approved in Canada).

Antiretroviral medications, taken daily, significantly reduce the chance that HIV positive persons can transmit HIV to their sexual partners by suppressing their viral load.

Care Location in Sex Now

Total Sample

Variable	n (%)
Routine Family Physician	5806 (72.6)
Routine Walk-in Medical Clinic	1732 (21.7)
Total	7538 (94.3)

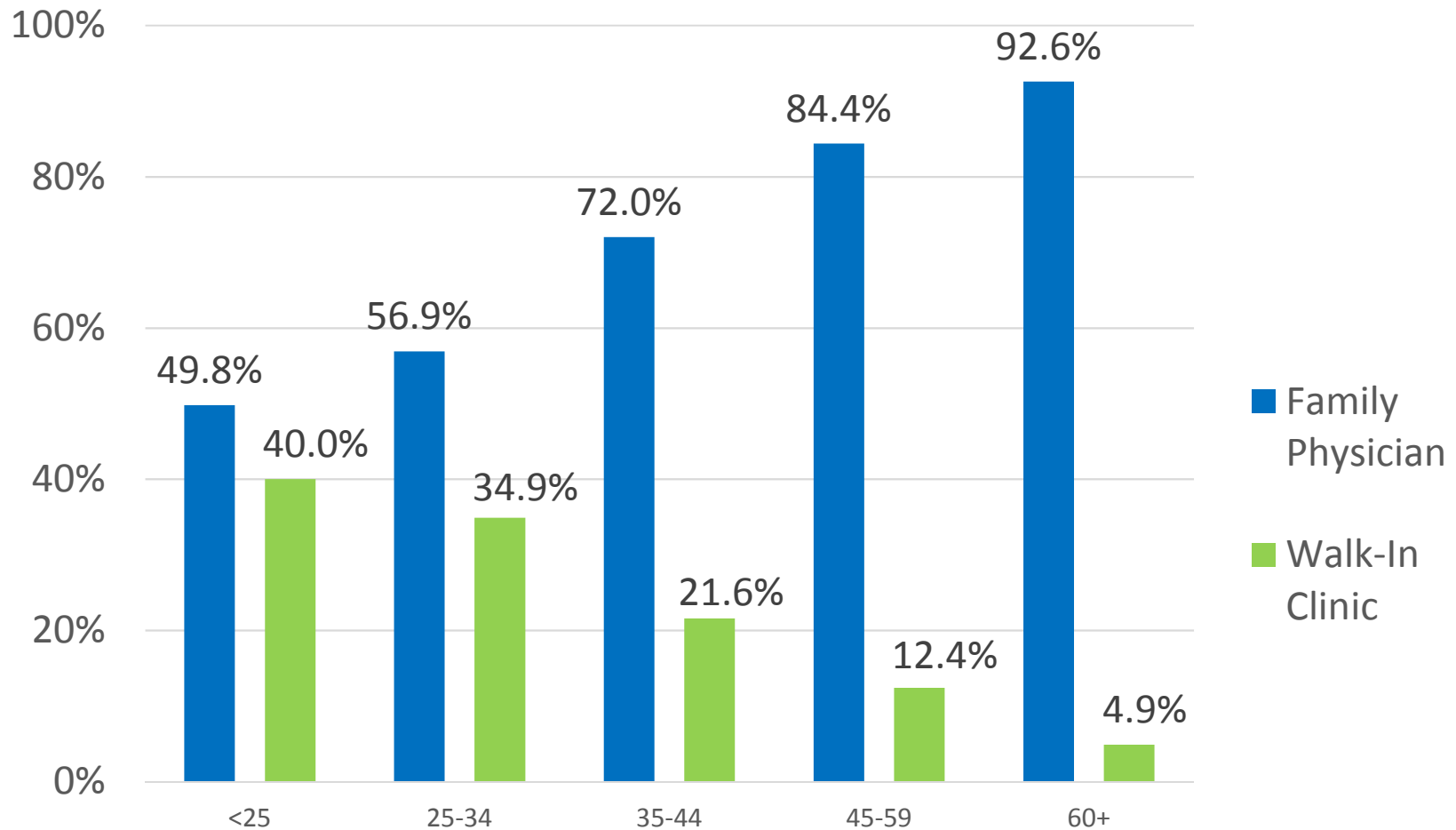


Generations

Variable	< 25		25-34		35-44		45-59		60+	
	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR
Routine Family Physician	524 (49.8)	ref	1006 (56.9)	1.19*	997 (72.0)	2.07*	2329 (84.4)	4.26*	948 (92.6)	10.31*
Routine Walk-in Clinic	421 (40.0)	11.86*	617 (34.9)	9.34*	299 (21.6)	5.52*	343 (12.4)	2.88*	50 (4.9)	ref

Routine Care Locations by Generations

Generations



Barriers to Accessing Healthcare

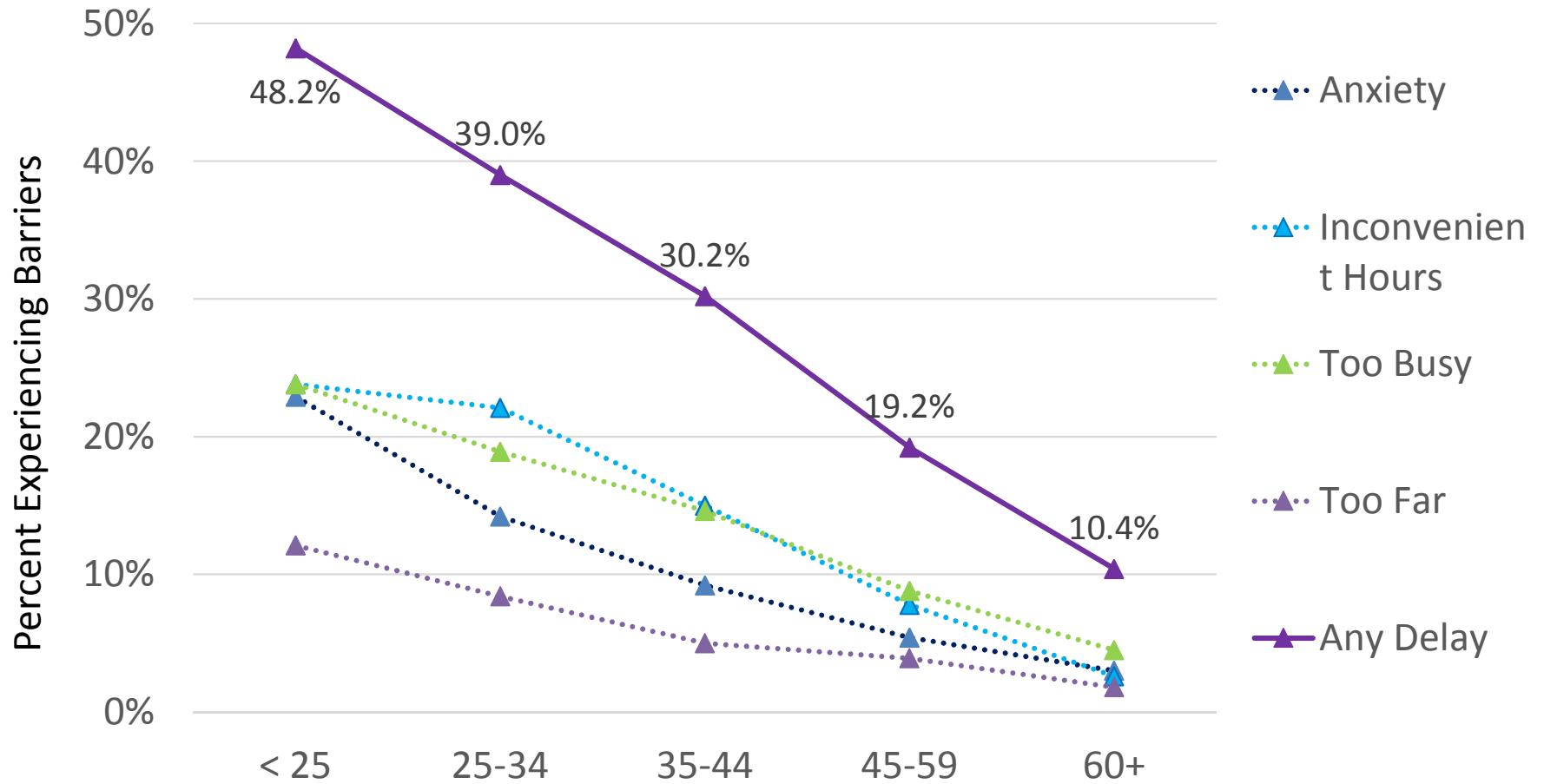
We asked: “In the last 12 months, has anything caused you to delay or skip seeing a health care professional? (check all that apply)”

Generations

Variable	< 25		25-34		35-44		45-59		60+	
	n (%)		n (%)		n (%)		n (%)		n (%)	
Anxiety or stress	241 (22.9)		251 (14.2)		128 (9.2)		148 (5.4)		31 (3.0)	
Busy or preoccupied	251 (23.8)		334 (18.9)		202 (14.6)		243 (8.8)		46 (4.5)	
Inconvenient hours	251 (23.8)		391 (22.1)		207 (15.0)		214 (7.8)		27 (2.6)	
Too Far	127 (12.1)		149 (8.4)		69 (5.0)		108 (3.9)		29 (2.8)	
	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR
Face no delays	545 (51.8)	ref	1079 (61.0)	1.28*	966 (69.8)	1.73*	2230 (80.8)	3.10*	917 (89.6)	6.41*

Barriers to Accessing Healthcare

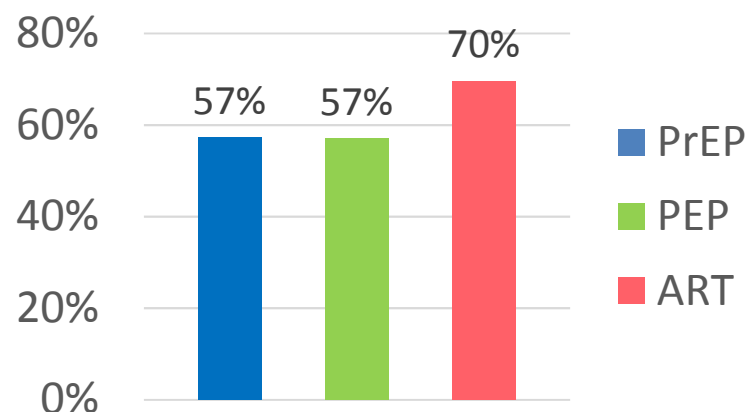
Generations



Awareness of HIV Prevention Strategies

Total Sample

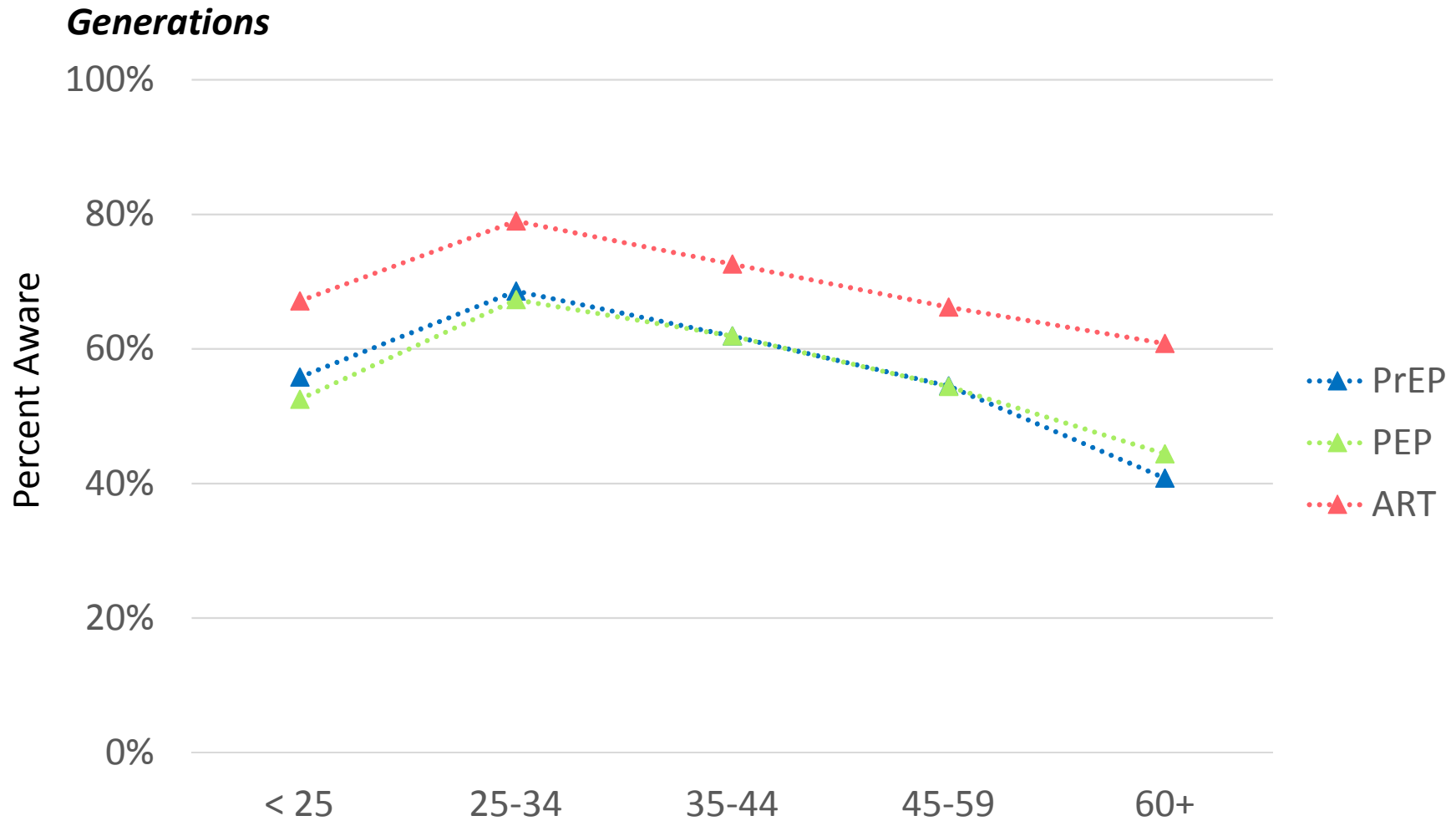
Variable	n (%)
Aware of PrEP	4583 (57.3)
Aware of PEP	4559 (57.0)
Aware that ART Reduce Transmission	5563 (69.6)



Generations

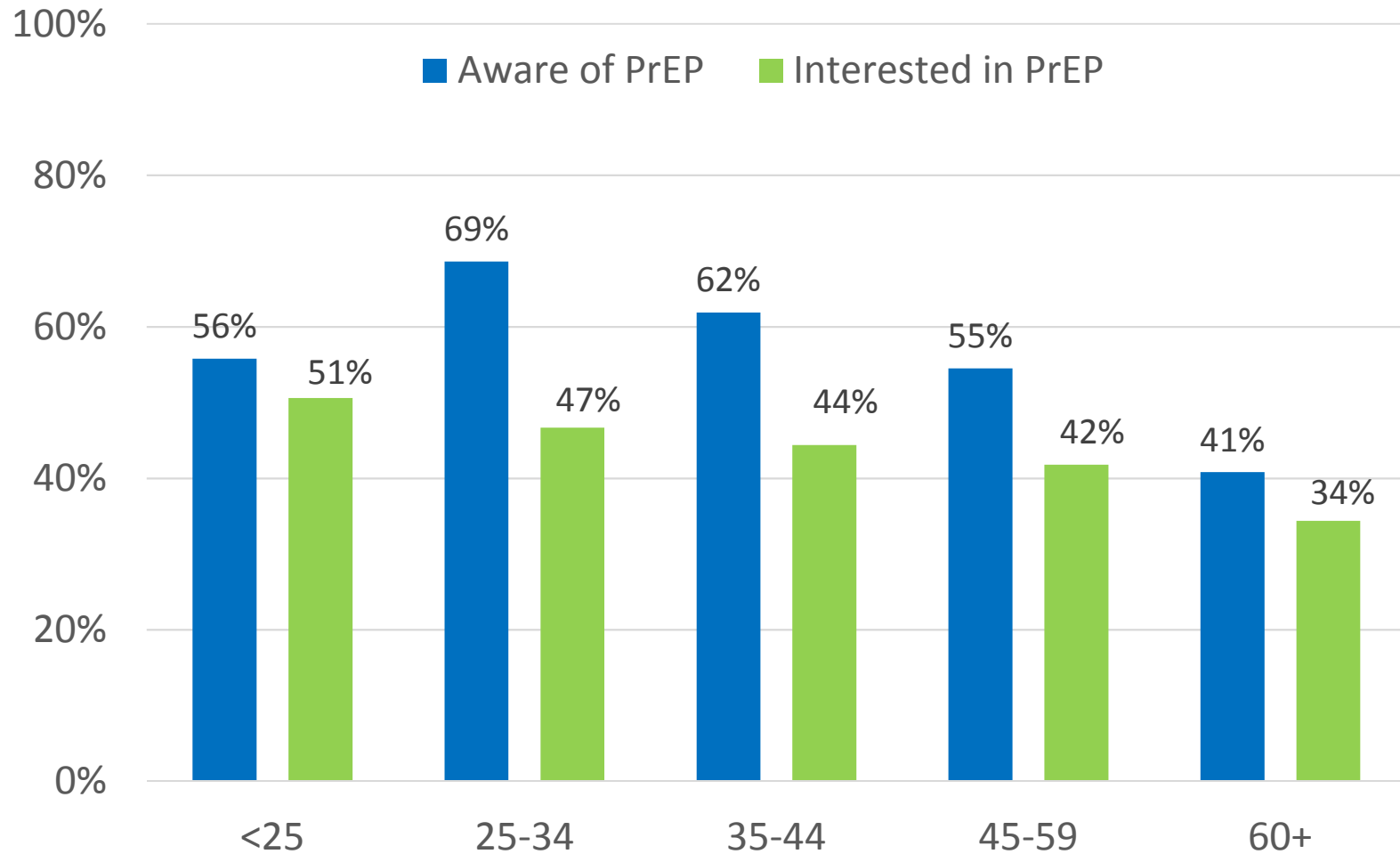
Variable	< 25		25-34		35-44		45-59		60+	
	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR
Aware of PrEP	588 (55.8)	2.29*	1213 (68.6)	3.35*	857 (61.9)	2.53*	1504 (54.5)	1.91*	418 (40.8)	ref
Aware of PEP	553 (52.5)	1.64*	1189 (67.3)	2.65*	857 (61.9)	2.19*	1503 (54.4)	1.66*	455 (44.4)	ref
Aware of ART	707 (67.1)	1.63*	1397 (79.0)	2.45*	1005 (72.6)	1.83*	1828 (66.2)	1.42*	623 (60.8)	ref

Awareness of HIV Prevention Strategies

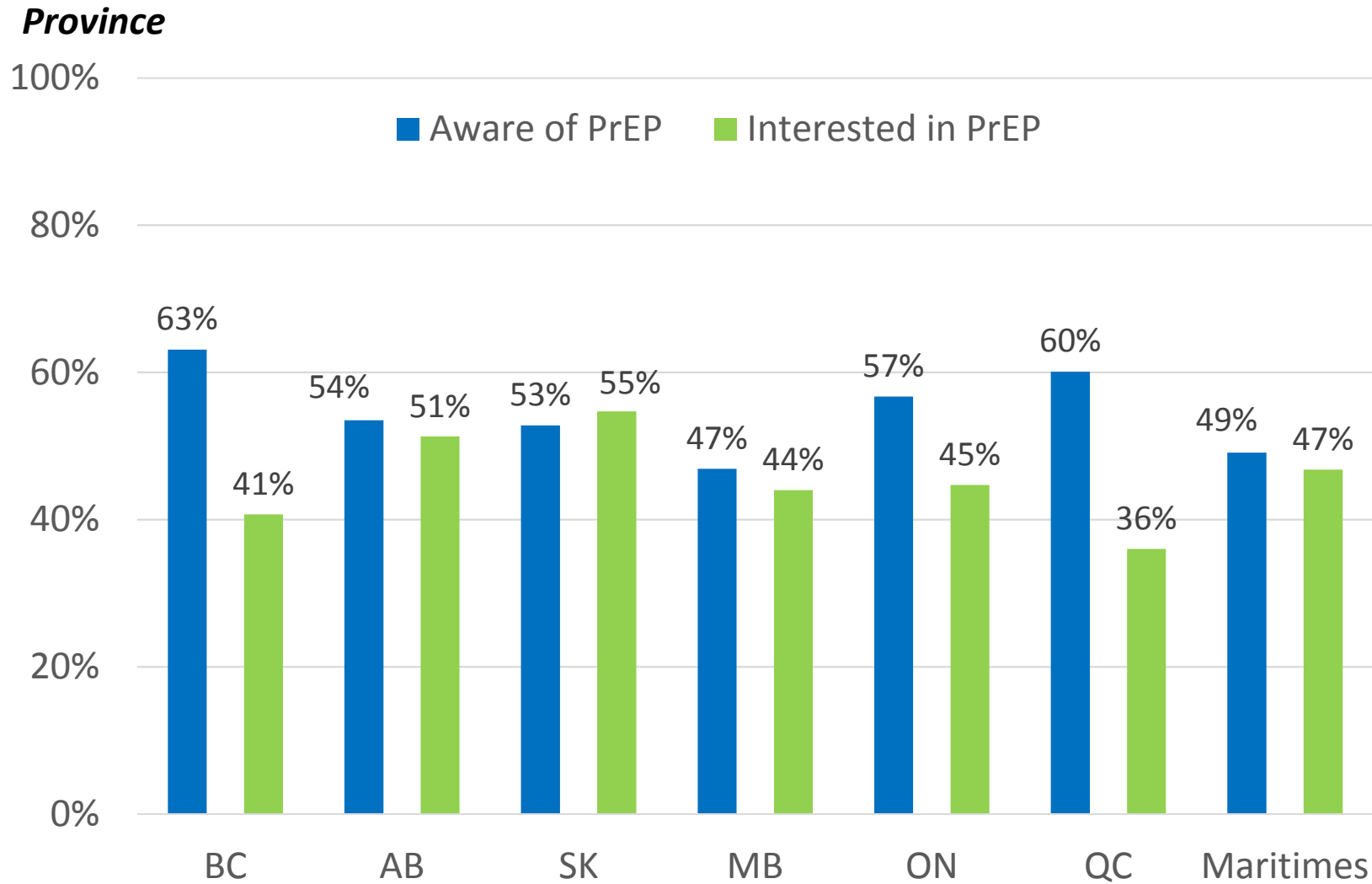


PrEP Awareness and Interest by Generations

Generations

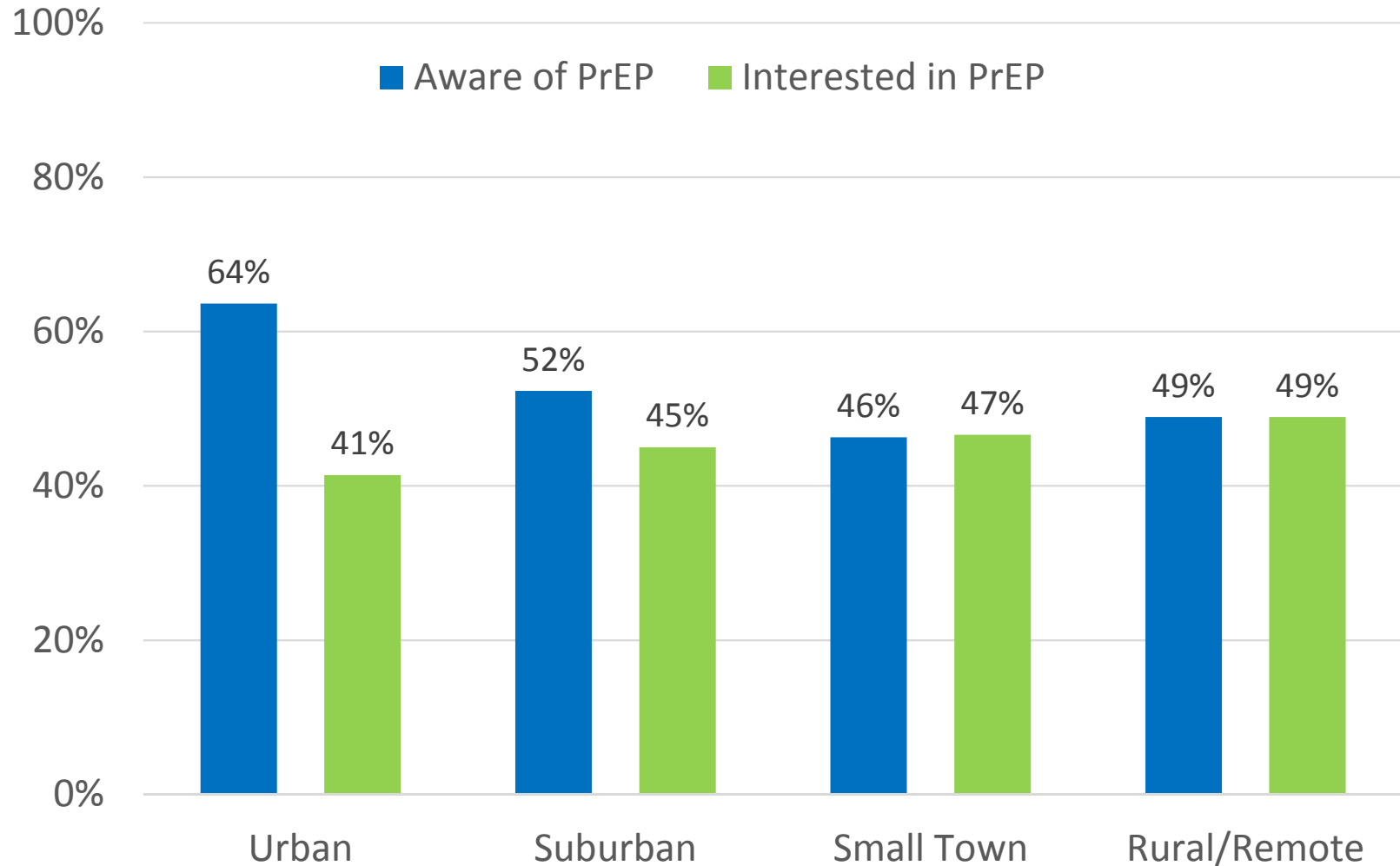


PrEP Awareness and Interest by Province



PrEP Awareness and Interest by Rurality

Urban - Rural



Likelihood to Use and Pay for PrEP

Total Sample

Variable	n (%)
Likely to use PrEP (next 12 months)	564 (7.1)
<u>Not</u> willing to pay for PrEP out-of-pocket*	2519 (72.3)
< \$100/month*	782 (22.5)
\$100 ≤ per month < \$200*	129 (3.7)
\$200 ≤ per month < \$1,200*	53 (1.5)

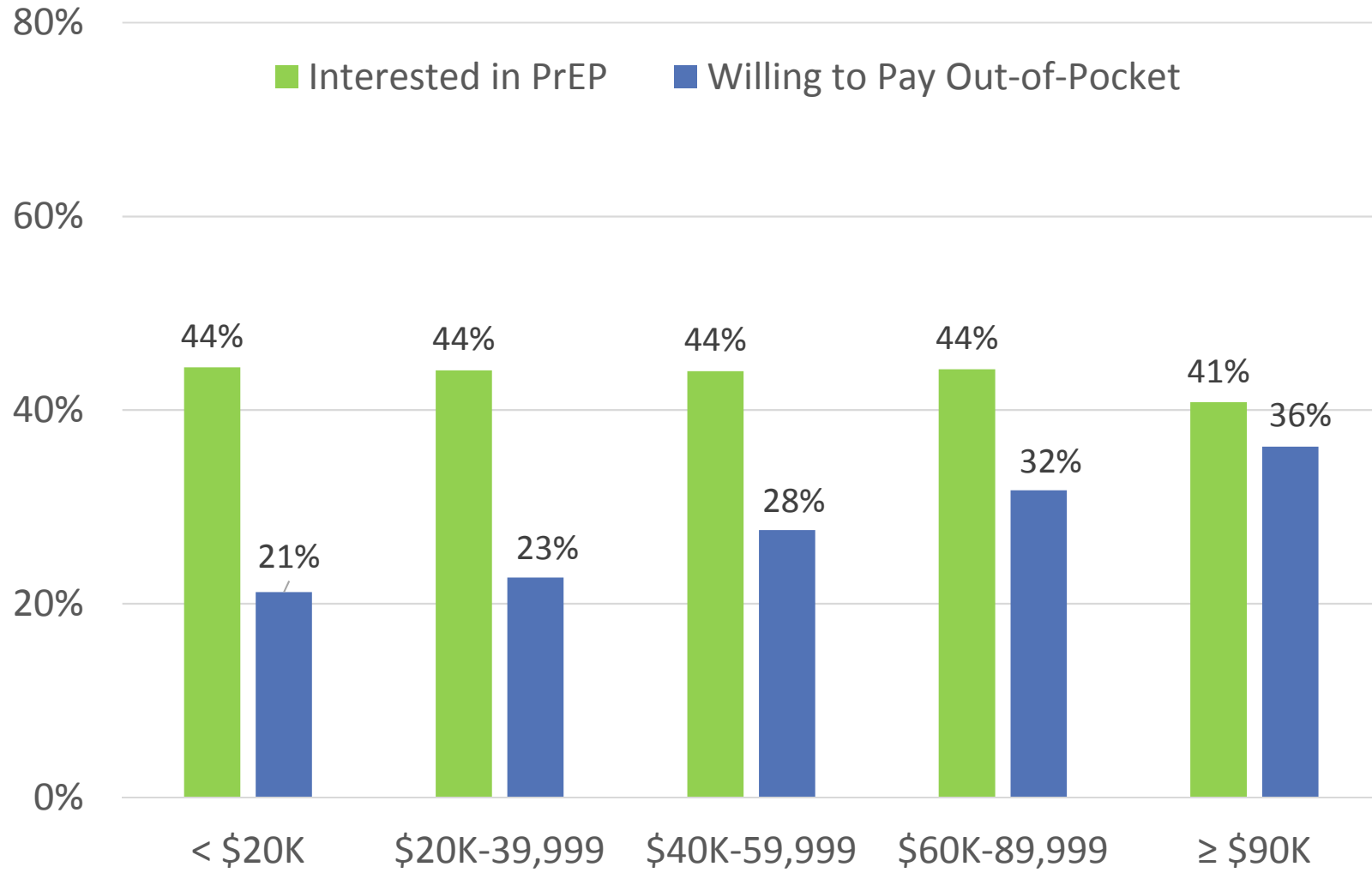
What would be the maximum you would be willing to pay to access PrEP?

Income

Variable	< \$20,000		\$20K-39,999		\$40K-59,999		\$60K-89,999		≥ \$90,000	
	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR	n (%)	AOR
Willing to pay (out-of-pocket)*	149 (21.2)	ref	160 (22.7)	1.15	199 (27.6)	1.49*	240 (31.7)	1.80*	216 (36.2)	2.18*

Likelihood to Use HIV Prevention Strategies

Income



Summary

1. Generational differences in access to medical care
 - Younger generations much more likely to use walk-in services
 - 40% of < 25 use walk-in clinics, compared to 22% on average, 12% of generation 45-59
 - Younger generations face greater barriers to access
 - 48% of < 25 reported barrier to care, compared to 19% of generation 45-59

2. Generational differences related to sexual health knowledge
 - Awareness followed a u-shaped pattern
 - Generations 25-34 and 35-44 were most aware
 - Generations 45-59 and 60+ were always least aware

3. Generational and demographic differences related to PrEP
 - Interest highest among the < 25 generation
 - Most participants (72%) unwilling to pay for PrEP out-of-pocket

Migration: Guiding Questions

1. Are gay, bi and queer men in Canada migrating due to their sexuality?
2. What impacts does migration have on health and well-being?
3. Why do gay, bi, and queer men choose to migrate?

Strengths of Joining Urban Gay Neighbourhoods

- Positive social identity
- Honesty and direct conversation about sex and sex between men
- Protection from homophobic assaults
- Potential romantic/sex partners

(Stall, Friedman, & Catania, 2007)

Slide 38

J2

I would just talk a little bit about the methods of this paper, since you are using it's main findings. Where was it conducted? Talking with whom (thinking about age and generations)? How was it done (survey/qual)? etc.

Nathan Lachowsky, 2/27/2017

Difficulties of Joining Urban Gay Neighbourhoods

- New social networks in big city
- High rates of: substance abuse, violence, depression, STIs and HIV infection
- Stressors of taking on a minority identity with greater public acknowledgement of gay men

(Stall, Friedman, & Catania, 2007)

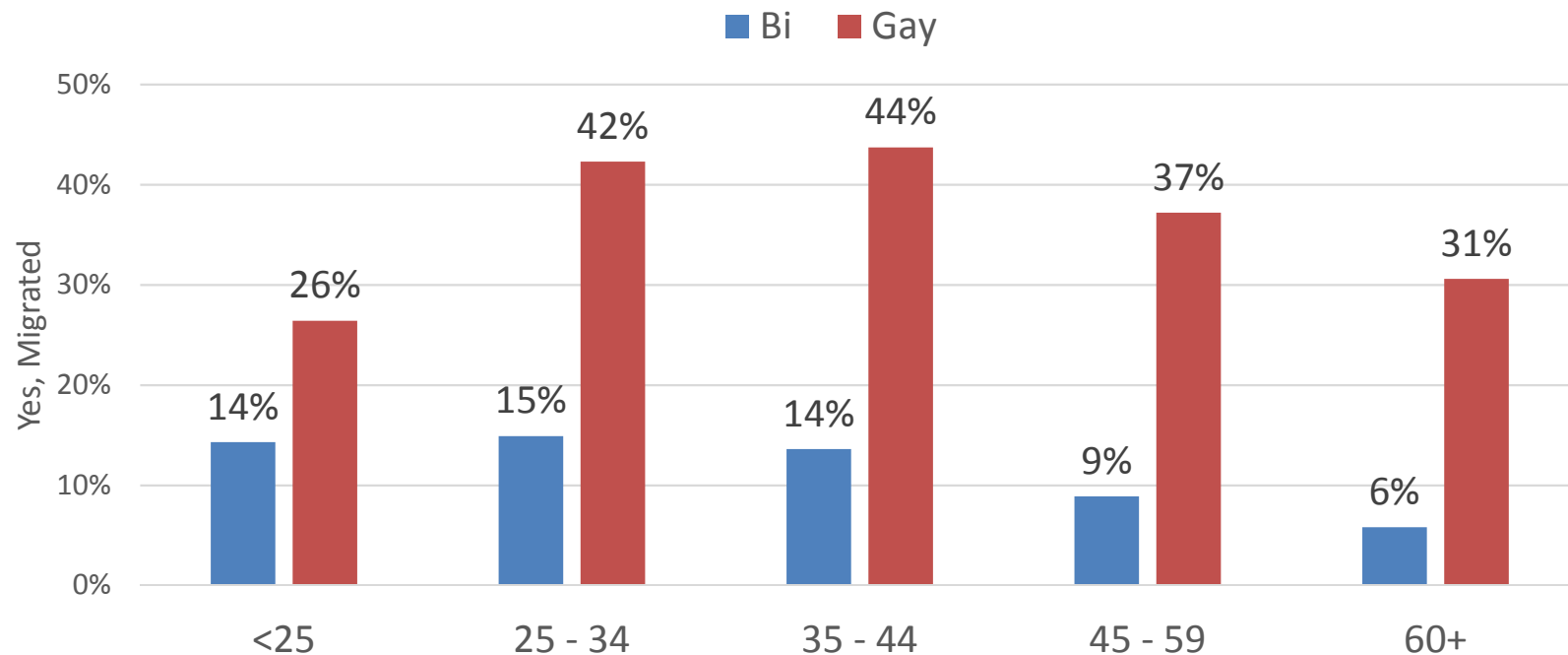
Methods

- Created five age groups
 - <25
 - 25 – 34
 - 35 – 44
 - 45 – 59
 - 60+
- Compared Migrated/Non-migrated groups within each age category using Crosstabs
- Odds Ratio's (OR) have been indicated where statistically significant results were found

Methods

- Three main analyses will be presented today
 - Satisfaction meeting guys
 - Community involvement
 - Discussions with healthcare providers

Have you ever moved in order to more freely express your sexuality?



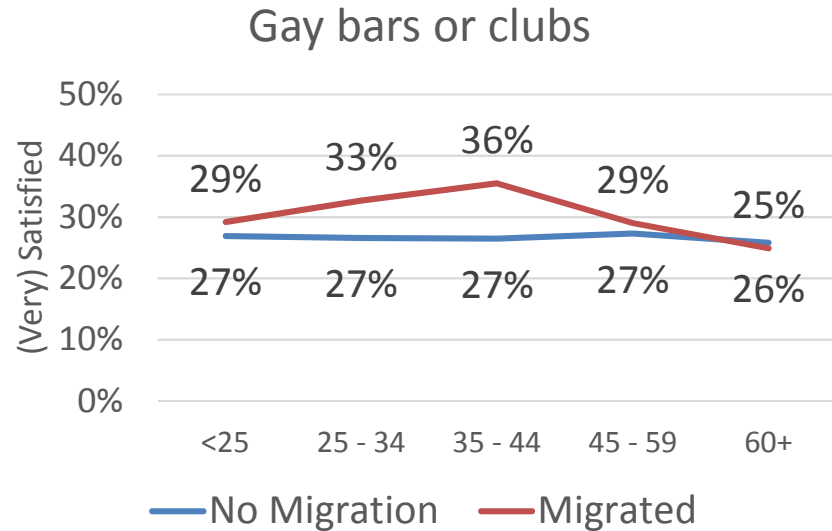
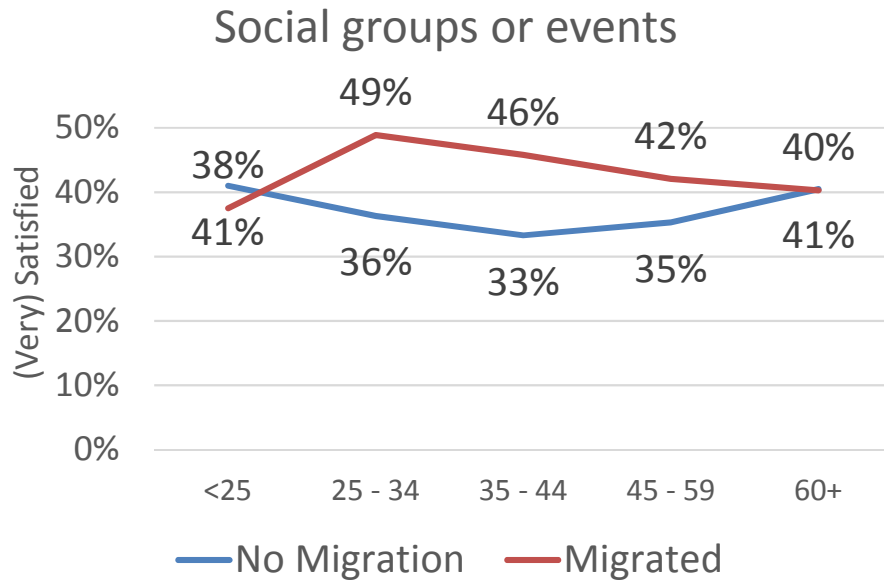
Variable	< 25	25-34	35-44	45-59	60+
	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)
Gay (vs. Bi)	2.2 (1.5, 3.2)	4.2 (3.0, 4.8)	5.0 (3.6, 6.9)	6.1 (4.7, 7.8)	7.1 (4.4, 11.5)

Note: Individuals who did not select “gay” or “bi” are not shown (n = 685). However, they are included in further analyses.

How satisfied are you with meeting guys at...

- Social groups or events
- Gay bars or clubs
- Internet sites (e.g., Squirt)
- Social location apps (e.g., Grindr)

How satisfied are you with meeting guys at...

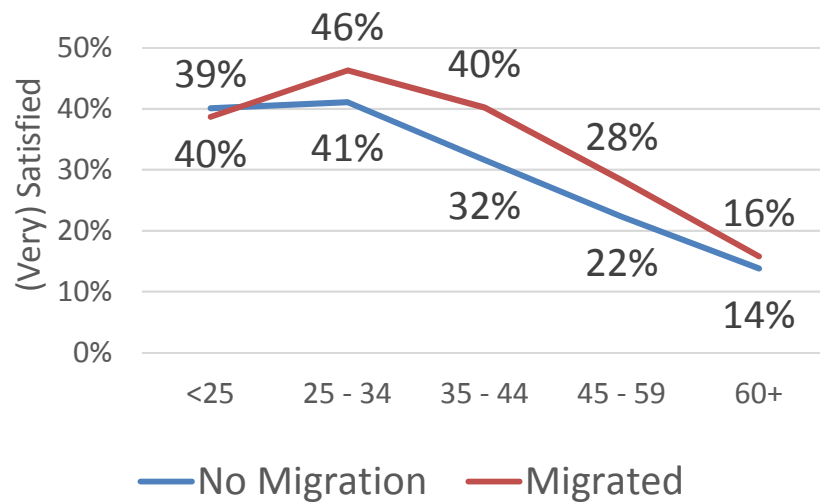


Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	1.7	1.7	1.3	NS
(95% CI)		(1.4, 2.0)	(1.4, 2.1)	(1.1, 1.6)	

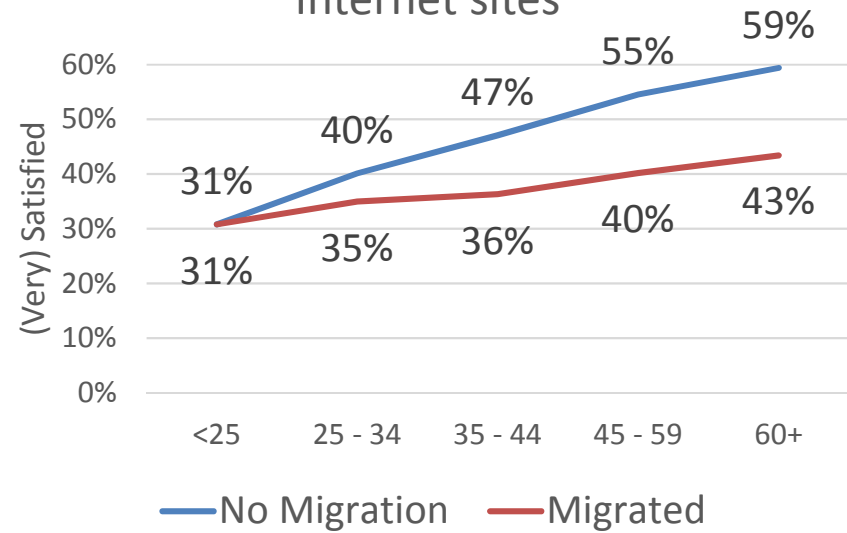
Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	1.3	1.5	NS	NS
(95% CI)		(1.1, 1.7)	(1.2, 1.9)		

How satisfied are you with meeting guys at...

Social location apps



Internet sites



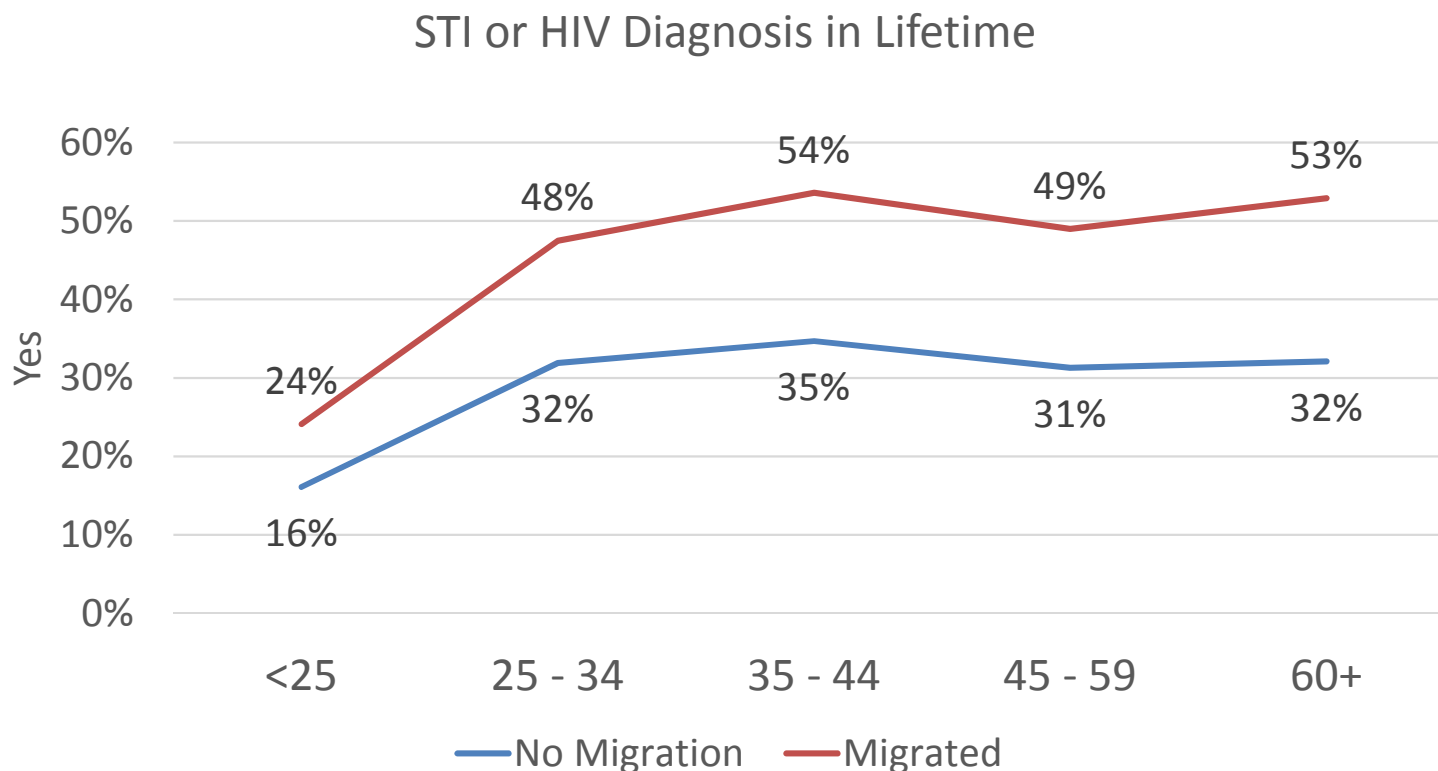
Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	1.2	1.5	1.4	NS
(95% CI)		(1.0, 1.5)	(1.2, 1.8)	(1.1, 1.7)	

Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	0.8	0.6	0.6	0.5
(95% CI)		(0.7, 1.0)	(0.5, 0.8)	(0.5, 0.7)	(0.4, 0.7)

Challenges faced through migration

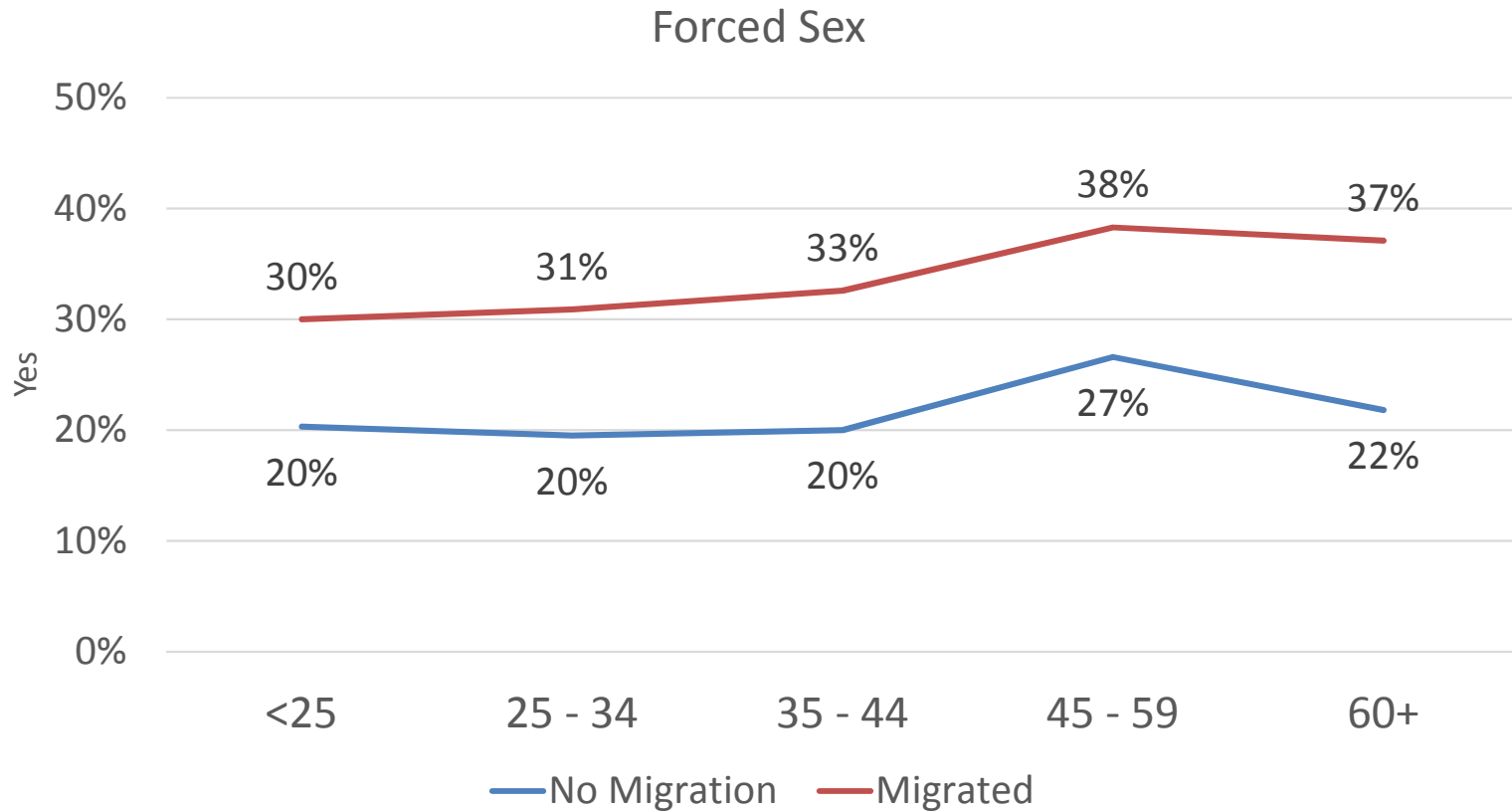
- HIV or STI diagnosis in lifetime
- Forced sex in lifetime
- Discussions of suicide with healthcare professional

STI or HIV Diagnosis in Lifetime



Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.7	1.9	2.2	2.1	2.4
(95% CI)	(1.1, 2.3)	(1.6, 2.4)	(1.7, 2.7)	(1.8, 2.5)	(1.8, 3.2)

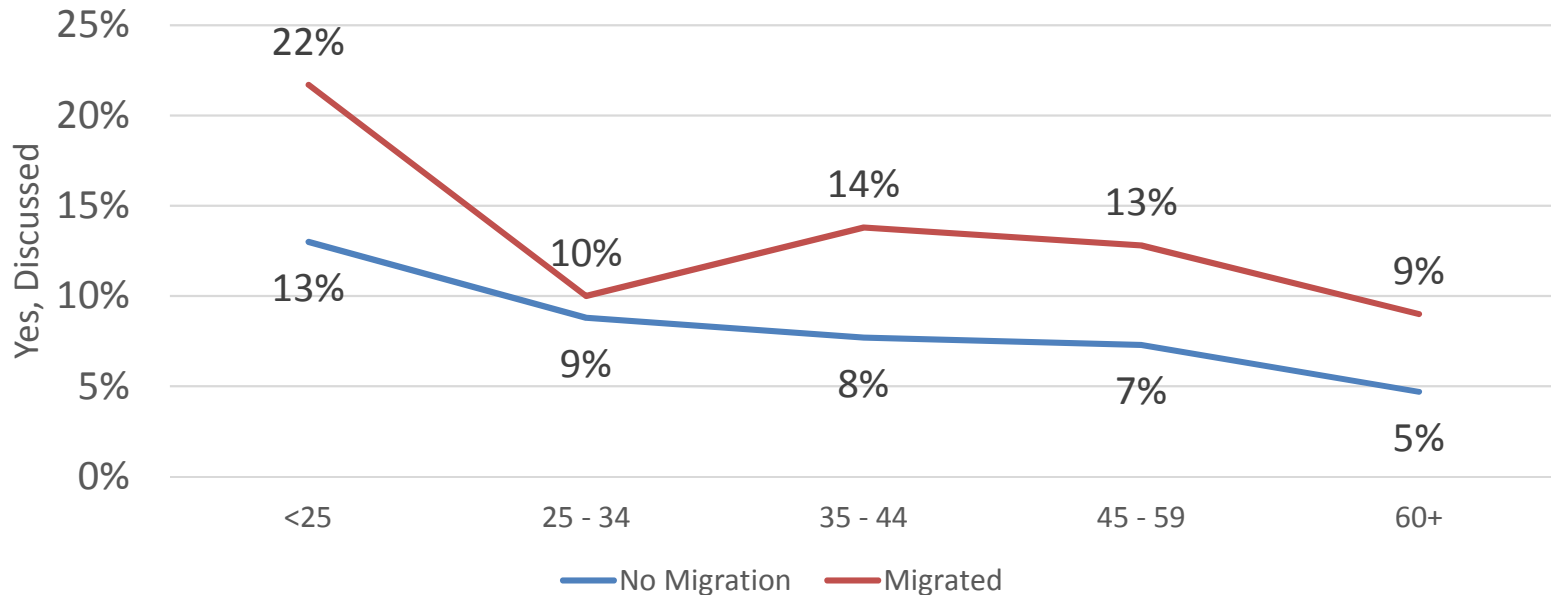
Has anyone ever forced sex on you?



Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.7	1.8	1.9	1.7	2.1
(95% CI)	(1.2, 2.3)	(1.5, 2.3)	(1.5, 2.5)	(1.4, 2.0)	(1.5, 2.9)

Have you discussed *suicide* with a healthcare professional in the last 12 months?

Suicide

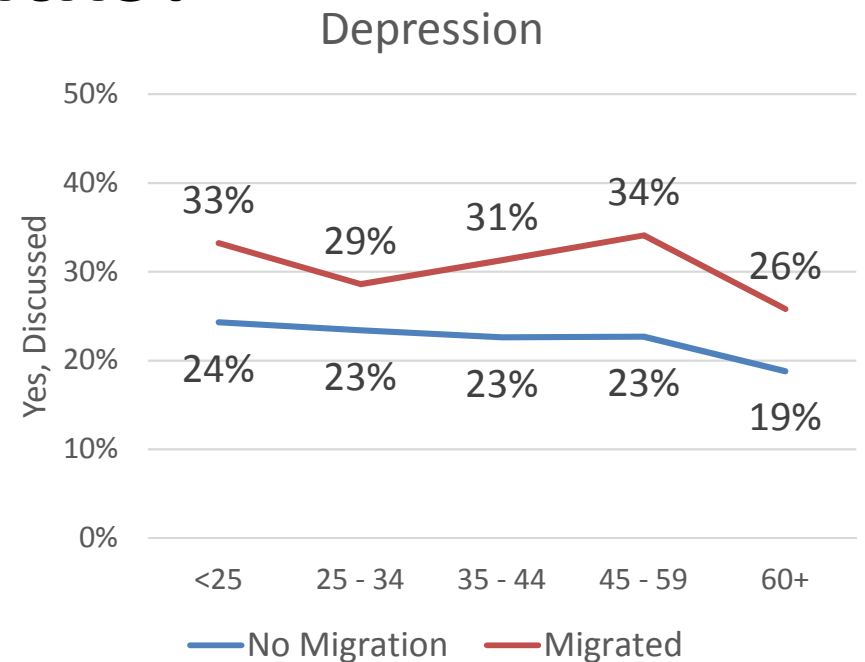
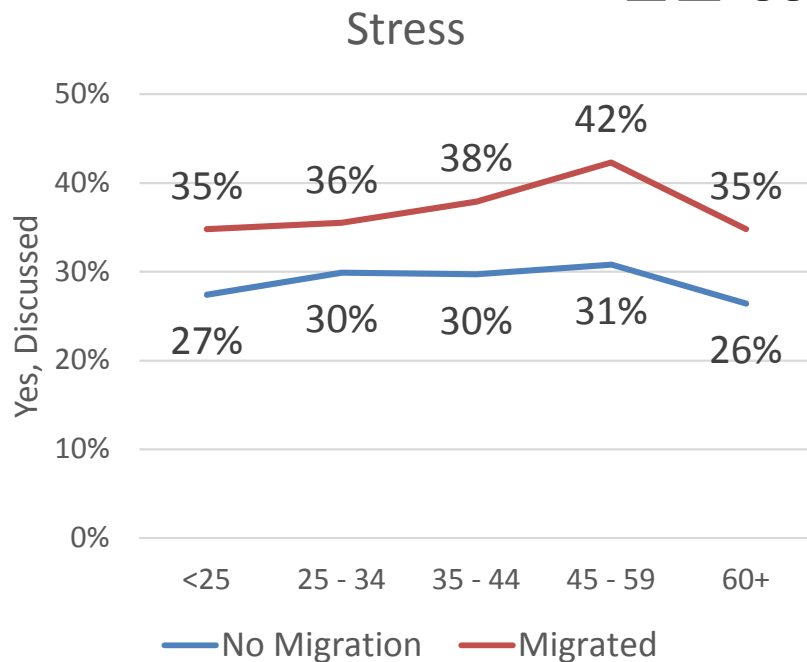


Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.9	NS	1.9	1.9	2.0
(95% CI)	(1.3, 2.7)		(1.4, 2.8)	(1.4, 2.5)	(1.1, 3.5)

**Have you discussed _____ with a
healthcare professional in the last 12
months?**

- Stress
- Depression
- Anxiety
- Alcohol and Drugs

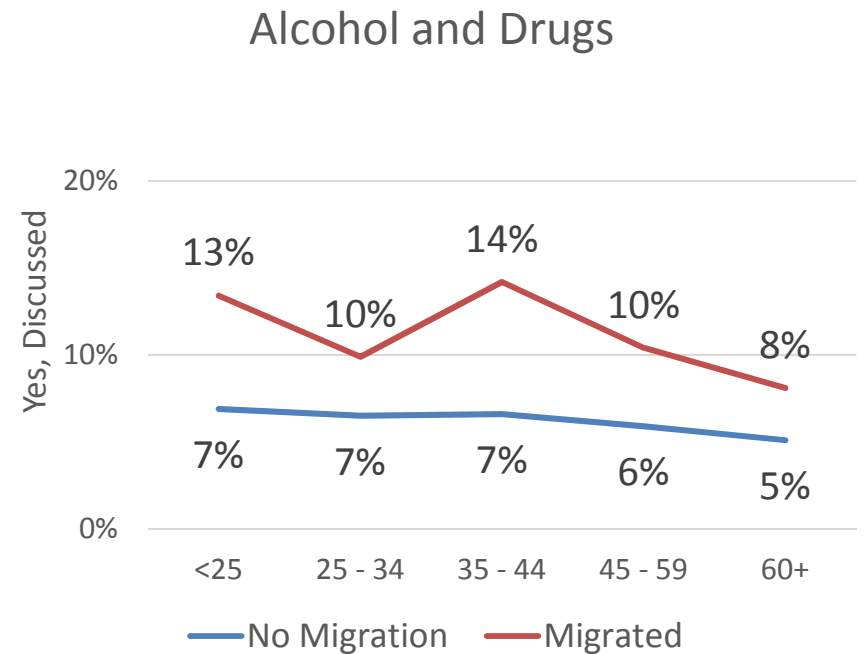
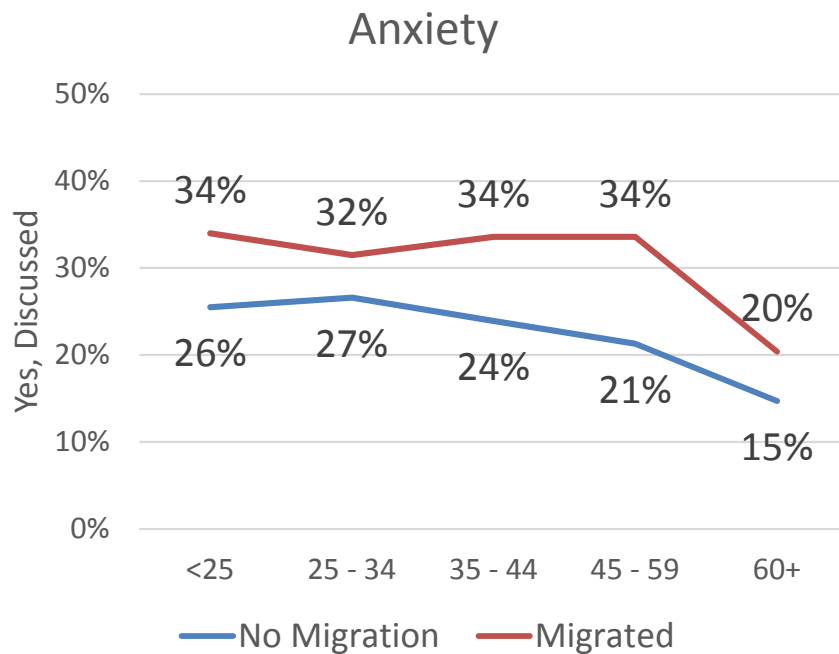
Have you discussed _____ with a healthcare professional in the last 12 months?



Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.4	1.3	1.4	1.6	1.5
(95% CI)	(1.0, 1.9)	(1.1, 1.6)	(1.1, 1.8)	(1.4, 2.0)	(1.1, 2.0)

Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.6	1.3	1.6	1.8	1.5
(95% CI)	(1.1, 2.1)	(1.1, 1.6)	(1.2, 2.0)	(1.5, 2.1)	(1.1, 2.1)

Have you discussed _____ with a healthcare professional in the last 12 months



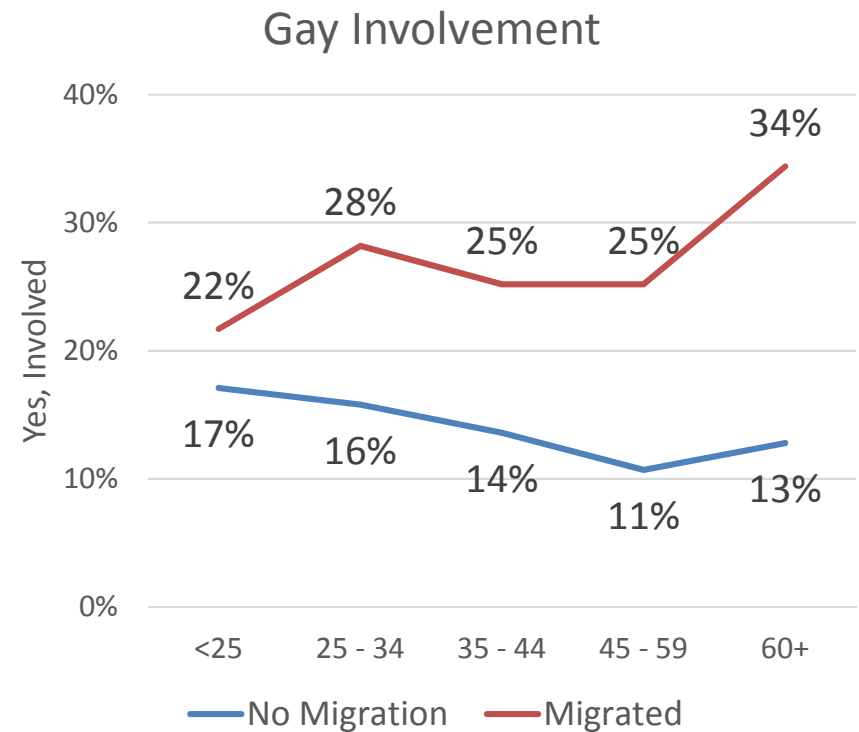
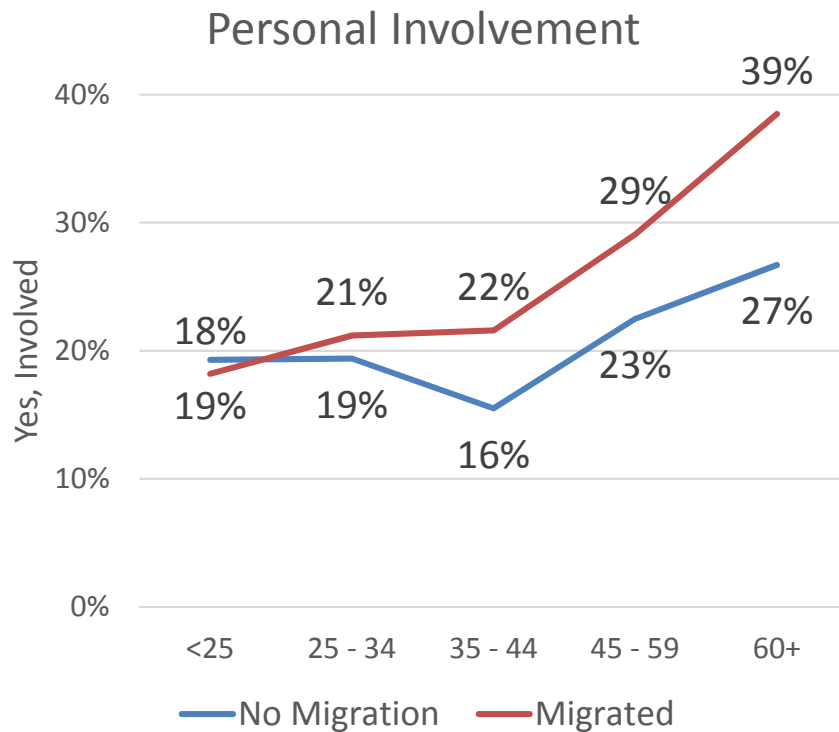
Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	1.5	1.3	1.6	1.9	1.5
(95% CI)	(1.1, 2.0)	(1.0, 1.6)	(1.3, 2.0)	(1.5, 2.2)	(1.0, 2.2)

Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	2.1	1.6	2.4	1.8	NS
(95% CI)	(1.3, 3.3)	(1.1, 2.2)	(1.6, 3.4)	(1.4, 2.5)	

Are you currently involved in any of the following?

- Personal Involvement
 - E.g., personal voluntary action, neighbourhood support, elder care, etc.)
- Gay Involvement
 - E.g., gay activism, organization, recreation, culture or sport activities)
- Civic Involvement
 - E.g., non-gay civic activism, charity, recreation, culture or sport activities)
- Political Involvement
 - E.g., political organizing, advocacy, party membership.)

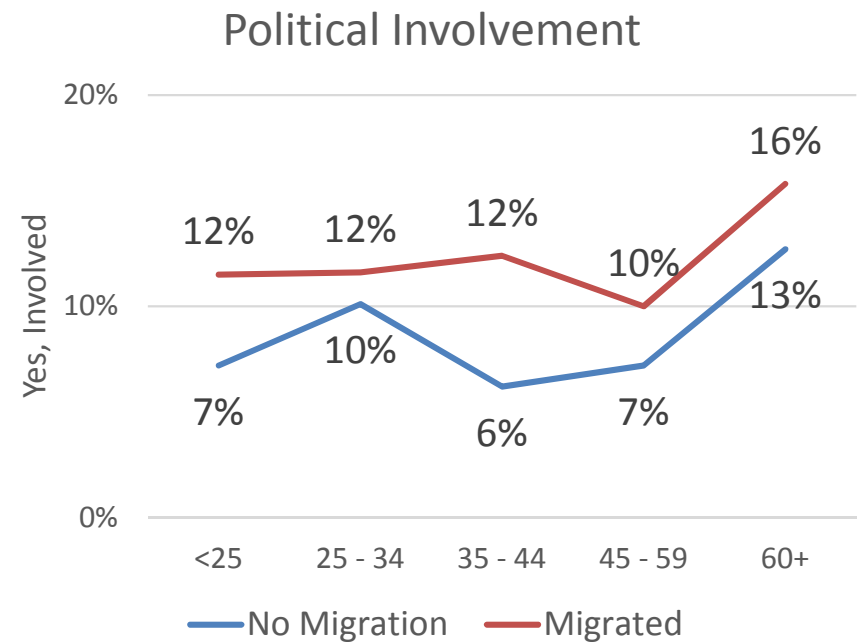
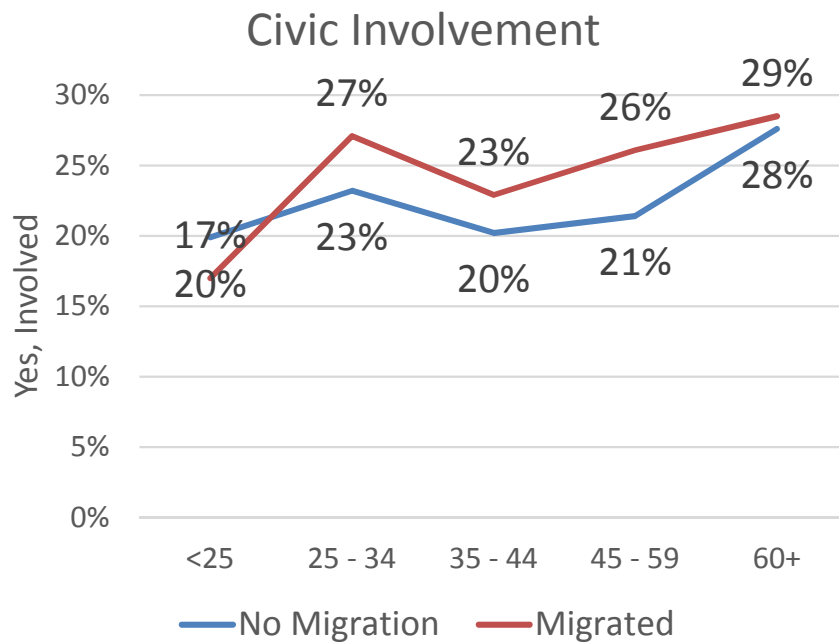
Are you currently involved in any of the following?



Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	NS	1.5	1.4	1.7
(95% CI)			(1.1, 2.0)	(1.2, 1.7)	(1.3, 2.5)

Age	<25	25 - 34	35 - 44	45 - 59	60+
OR	NS	2.1	2.1	2.8	3.6
(95% CI)		(1.6, 2.6)	(1.6, 2.8)	(2.3, 3.5)	(2.5, 5.0)

Are you currently involved in any of the following?



Age	<25	25 - 34	35 - 44	45 - 59	60+
OR (95% CI)	NS	NS	NS	1.3 (1.1, 1.6)	NS

Age	<25	25 - 34	35 - 44	45 - 59	60+
OR (95% CI)	NS	NS	2.1 (1.5, 3.1)	1.4 (1.1, 1.9)	NS

Summary

- Age effects
 - Age effect present? Meeting guys & Community involvement
 - Low or no age effects? Healthcare professional discussions
- Migrating to urban centres might be less important today
- Reasons for choosing to migrated are not revealed
- Migration might not be the solution
- No data on when migration occurred
- Further analysis needs to be completed around: suicide, forced sex, STI or HIV diagnosis

Thank you, questions?





Please evaluate this webinar.

Thank you!

