

HIV Services Access Among Men who have Sex with Men (MSM) in the Region of Waterloo: Insights from the OutLook Study

Kathy Luu^{1,2}MSc(c), Todd Coleman¹ PhD, Robb Travers^{1,3} PhD, Simon Coulombe¹ PhD, Michael Woodford⁴ PhD, Ciann Wilson³ PhD, Ruth Cameron³ PhD(c), Charlie Davis³ PhD(c), Rachel Goldfarb¹

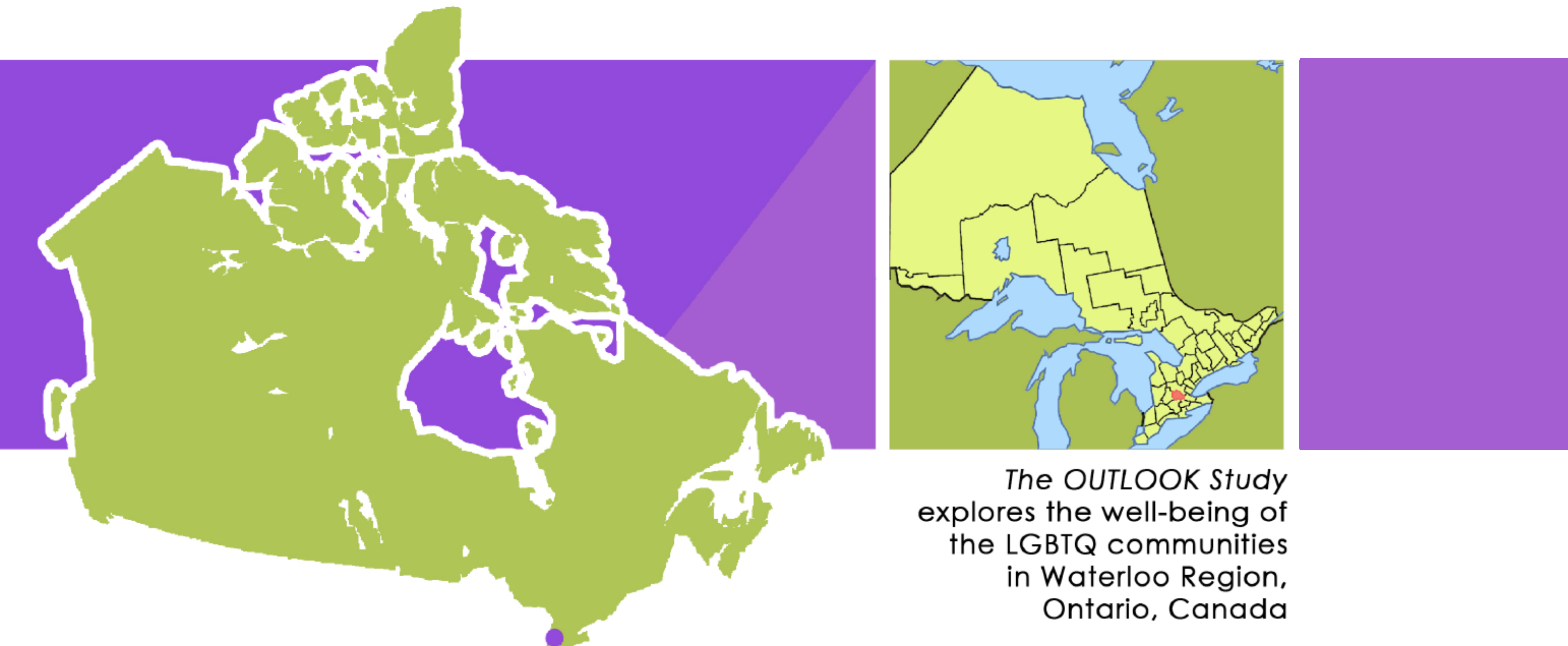
¹Department of Health Sciences, Wilfrid Laurier University, Waterloo, ON, Canada; ²School of Public Health and Health Systems, University of Waterloo, Waterloo, ON, Canada; ³Department of Psychology, Wilfrid Laurier University, Waterloo, ON, Canada; ⁴Faculty of Social Work, Wilfrid Laurier University, Waterloo, ON, Canada.

the
OUTLOOK
study



BACKGROUND

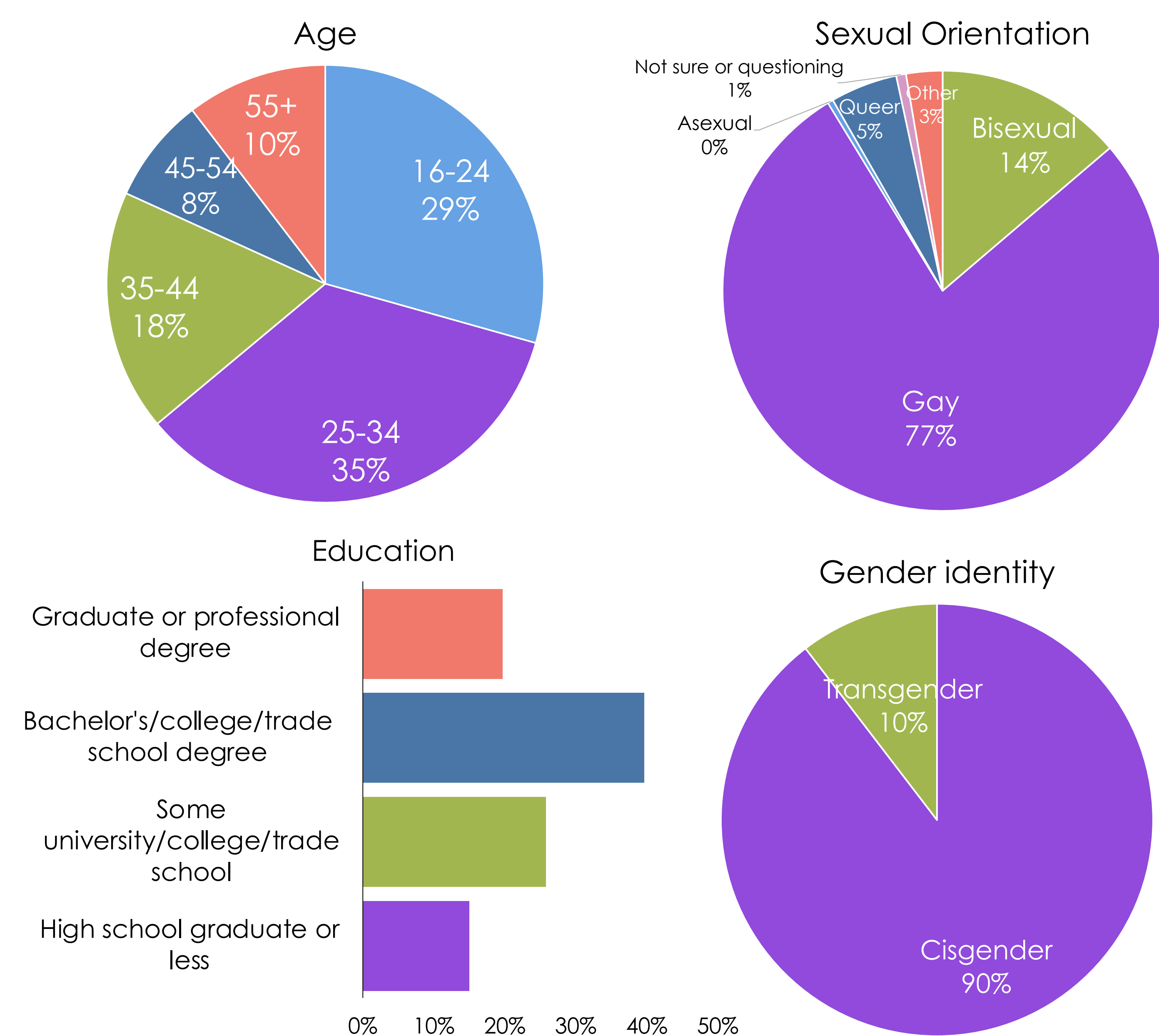
- Men who have sex with men (MSM) continue to contribute to the majority of new HIV cases in Canada (Public Health Agency of Canada, 2015).
- AIDS services organizations (ASOs) are community-based organizations (CBOs) that aim to increase awareness of HIV, advocate in the community, provide social and practical support, and offer HIV prevention and outreach programs for priority populations and people living with HIV/AIDS (PHAs) (Chillag et al., 2002; Williams et al., 2005a; Williams et al., 2005b; Ubrihien, Davies, & Driscoll, 2016; Guenter et al., 2013).
- Multi-level (individual, community, and structural-level) factors contribute to higher susceptibility for MSM to acquire HIV (Stahman, Beyrer, Sullivan, Mayer, & Baral, 2016).
- Stigma, homophobia, and discrimination deter MSM from accessing HIV prevention, testing, and other services (Arreola, Hebert, Makofane, Beck, & Ayala, 2012).
- Objectives:** Identify socio-demographic and health-related factors associated with the awareness and access to the ASO - AIDS Committee of Cambridge, Kitchener, Waterloo and area (ACCKWA).



The OUTLOOK Study explores the well-being of the LGBTQ communities in Waterloo Region, Ontario, Canada

DEMOGRAPHICS

- 526 individuals completed the survey and n=269 individuals identified as MSM



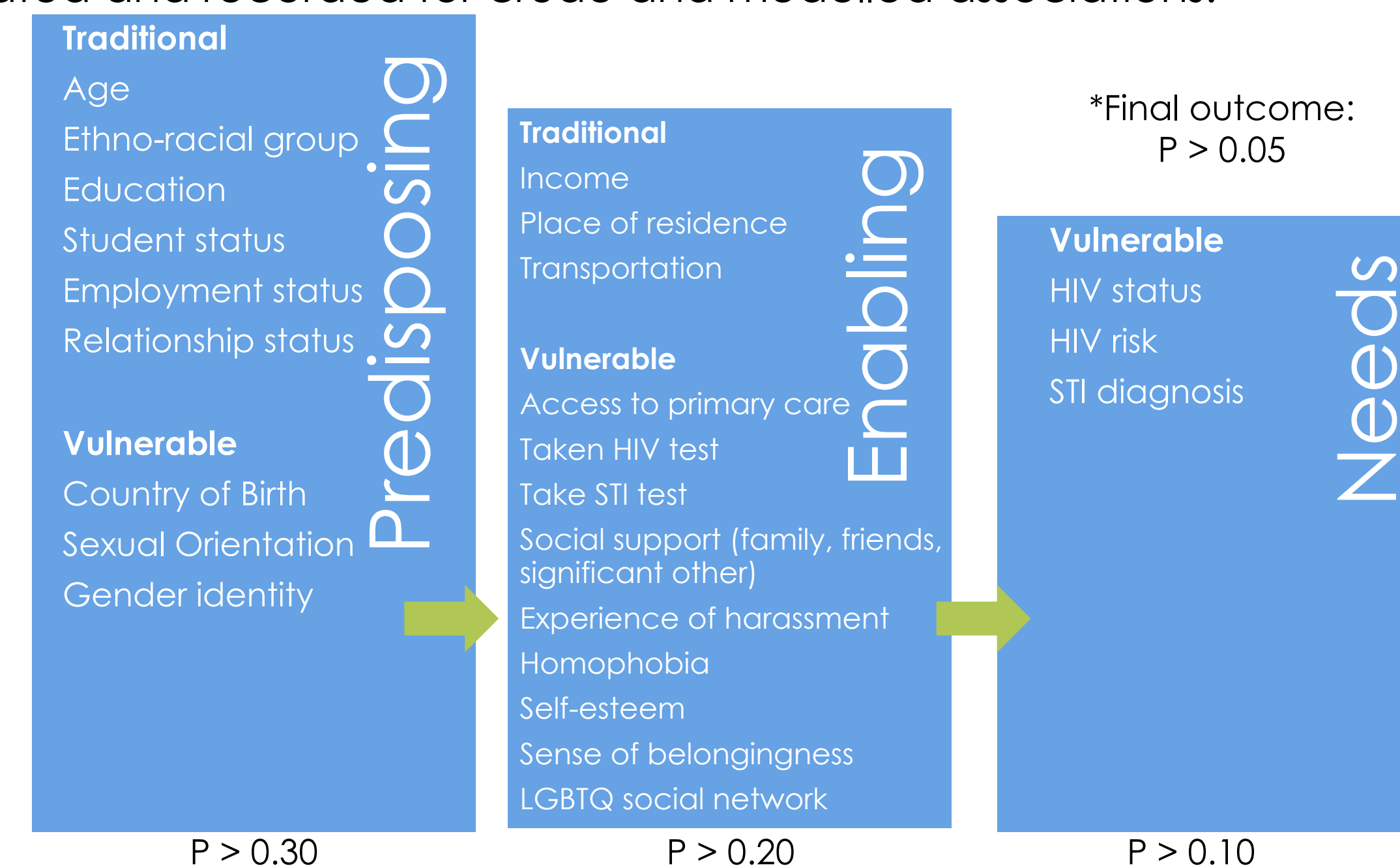
METHODS

The OutLook Study

- Online survey investigating the health and well-being of LGBTQ people in Region of Waterloo
- A community-based research initiative involving community, academic, and public health stakeholders within the region
- Measured social inclusion, victimization, health care access, and sexual behaviour

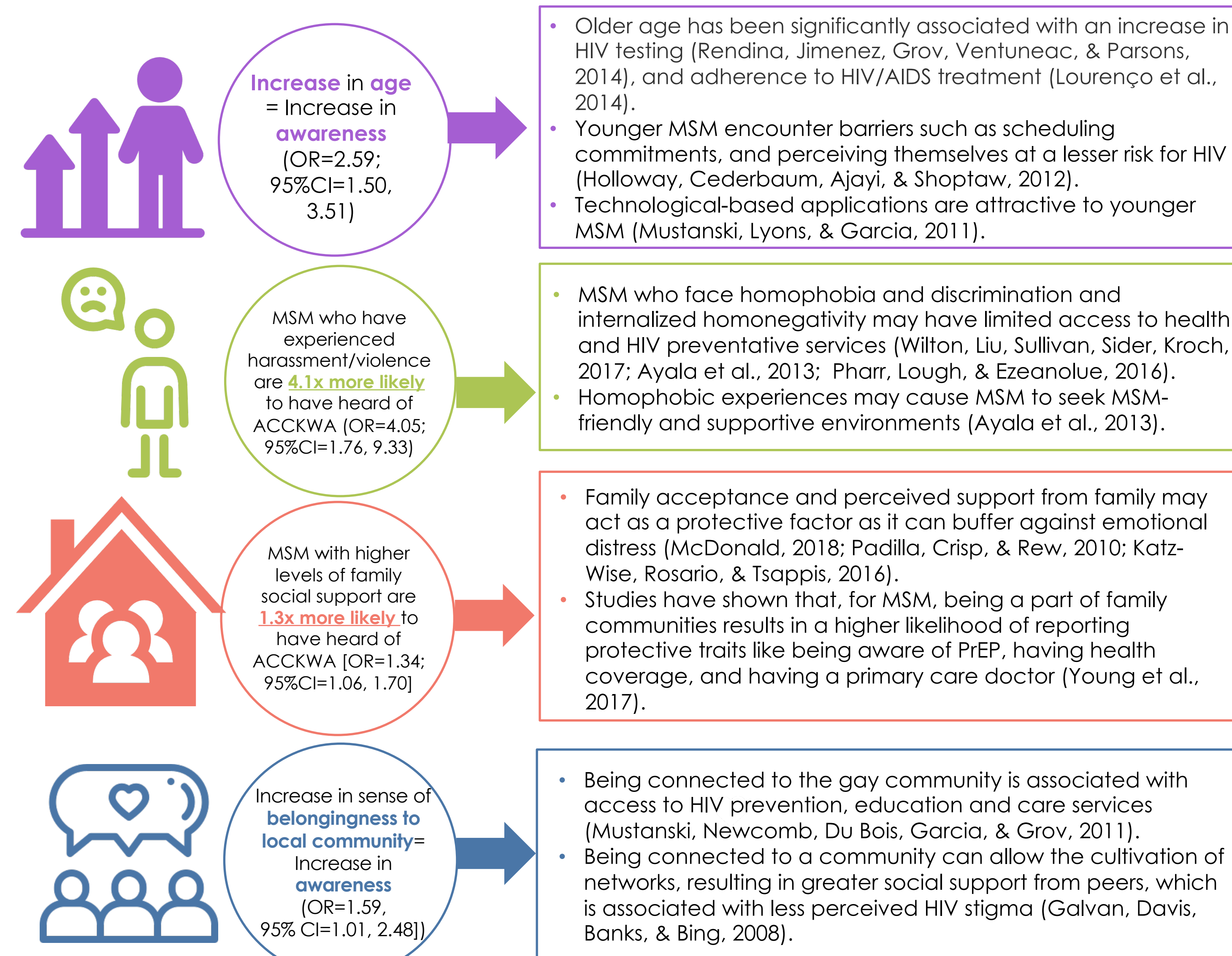
Data Analysis

- Descriptive statistics for sociodemographic, health-related and psychosocial variables and outcomes of interest were calculated
- The Anderson-Gelberg Behavioural Model of Health Services Use for Vulnerable Populations was used to create a conceptual framework (Gelberg, Anderson, & Leake 2000).
- Using SPSS, backward elimination methods with chunkwise logistic regression, three models were created for each of the two outcomes
- Final models, with all retained factors remaining significant at $p < 0.05$ were then conducted. P-values, odds ratios (OR), and 95% confidence intervals were calculated and recorded for crude and modelled associations.

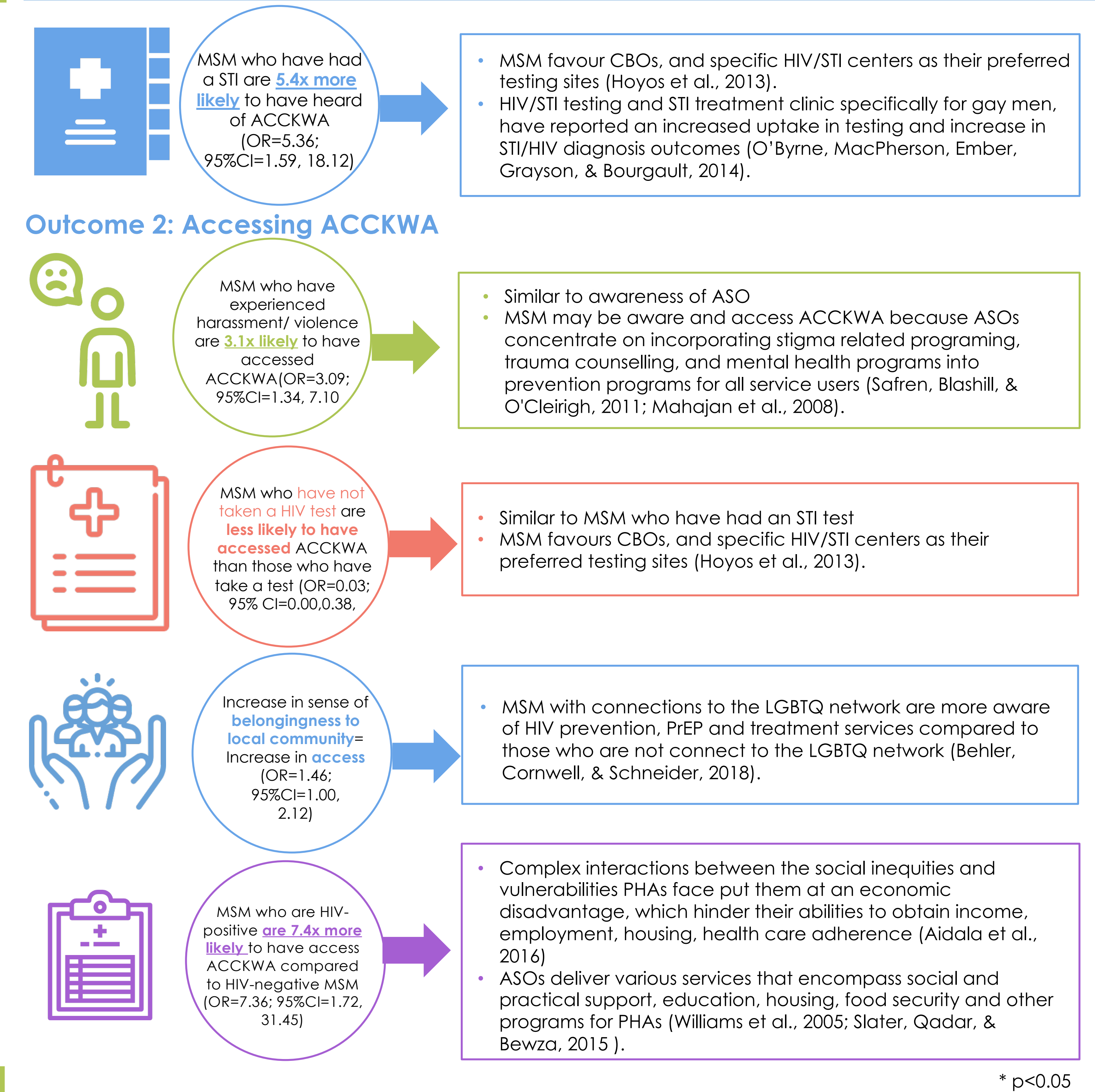


RESULTS AND DISCUSSION

Outcome 1: Awareness of ACCKWA



RESULTS AND DISCUSSION (CON'T)



CONCLUSION AND IMPLICATIONS

- Social support and community belongingness continues to positively influence MSM awareness of HIV preventative services and access to ASOs
- Continuing to enhance targeted programming at ASOs are required (e.g., youth programming, online services, programs addressing experiences of trauma and violence, etc.)
- Improving the sense of community belongingness and LGBTQ social networks and connecting service users with information regarding sexual health and ASO services in the region.
- ASOs serve a variety of HIV prevention services for many HIV priority groups such as MSM and it is vital to identify predictors that act as access barriers or facilitators to the awareness and access of ASOs.

REFERENCES

Adler, A., Wilson, M. G., Shubert, V., Gagliardi, D., Goldstein, J., Rueda, S., & Rivara, S. (2014). Housing status, medical care, and health outcomes among people living with HIV/AIDS: a systematic review. *American Journal of Public Health*, 104(1), e1-e23.

Amato, S., Torres, G. M., Beck, J., Lindquist, A., Wilson, P. A., Hebert, P., & Ayala, G. (2015). Sexual stigma, criminalization, investment and access to HIV services among men who have sex with men worldwide. *AIDS and Behavior*, 19(2), 227-234.

Arreola, G., Mahalingam, K., Spittal, C. G., Beck, J., De, L., Hebert, P., & Ayala, G. (2015). Access to basic HIV-related services and HIV susceptibility among men who have sex with men worldwide: barriers, facilitators, and implications for combination prevention. *Journal of Sexually Transmitted Diseases*, 2015.

Beyrer, K., Coombs, R. F., & Schrimmer, C. A. (2016). Patterns of social differences and HIV risk among men who have sex with men: A review. *AIDS and Behavior*, 20(1), 804-816.

Chillag, E., Coombs, R. F., & Schrimmer, C. A. (2016). Patterns of social differences and HIV risk among men who have sex with men: A review. *AIDS and Behavior*, 20(1), 804-816.

Galvan, F. H., Davis, C. M., Banks, D., & Bing, D. C. (2008). HIV stigma and social support among African Americans. *AIDS Patient Care and STDs*, 22(5), 425-434.

Gelberg, L., Andersen, R. M., & Gruneir, A. B. (2000). The Behavioral Model for Vulnerable Populations: Application to medical care use and outcomes for homeless people. *Health Services Research*, 35(6), 1275.

Hoyos, J., Bello, M. J., Fernandez-Rodríguez, S., Rodríguez-López, M. E., Pulido, J., & de la Fuente, L. (2013). Perceived HIV testing services and programme characteristics among clients of a rapid HIV testing programme. *BMC Public Health*, 13(1), 791.

Katz-Wise, S. L., Rosario, W., & Isip, A. (2014). LGBT youth and family environments. *Current Clinical Geriatrics*, 1(1), 101.

Laurence, L., Colley, G., Nayak, B., Shapiro, D., Montaner, J. S., Lima, V. D., & STOP HIV/AIDS Study Group. (2014). High levels of heterogeneity in the HIV cascade of care across different population subgroups in British Columbia, Canada. *PloS one*, 9(12), e115277.

Macdonald, A. P., Joseph, J. L., Pines, V. A., Bennett, R. B., Cole, D., Johnson, G., & Coates, T. J. (2006). Stigma in the HIV/AIDS epidemic: a review of the literature and recommendations for the way forward. *AIDS Education and Prevention*, 20(Suppl 2), 347.

Macdonald, K. (2014). Social support and mental health in HIV/AIDS. *Current Clinical Geriatrics*, 1(1), 101.

Macdonald, K., & Liu, R. T. (2013). A longitudinal study of predictors of suicide attempt among injection, gay, bisexual, and transgender youth. *Archives of Sexual Behavior*, 42(3), 437-446.

Palmer, J. C., Cole, C., & Rew, D. (2010). Perceived acceptance and social support among gay, bisexual, and transgender youth. *Archives of Sexual Behavior*, 39(5), 839-844.

Phair, J. P., Lough, M. J., & Emswiler, E. (2014). Barriers to HIV testing among men who have sex with men: A review. *AIDS and Behavior*, 18(1), 41-49.

Public Health Agency of Canada. (2015). HIV and AIDS in Canada: Surveillance report to December 31, 2014. Minister of Public Health and Government Services Canada.

Rendina, L., Jimenez, L., Grov, C., Ventuneac, A., & Parsons, J. T. (2014). Patterns of testing and recent HIV testing among men who have sex with men: A review. *AIDS and Behavior*, 18(1), 30-38.

Sider, J., Quail, Z., & Brown, J. (2013). Review of local and national services provided by community-based organizations serving people with HIV in Canada. *Canadian Journal of Public Health*, 104(1), 97-99.

Stahman, E., Beyrer, K., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *AIDS Education and Prevention*, 17(2), 119-130.

Williams, P., Hargrett, L., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

Wilson, M. J., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

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Wilson, M. J., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

Wilson, M. J., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

Wilson, M. J., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

Wilson, M. J., Brown, G., Robert, J., Wee, S., & Coates, A. (2006). The prevalence, correlates, and costs of depression in people living with HIV/AIDS in Ontario: Implications for service providers. *Journal of the Association of Nurses in AIDS Care*, 14(6), 30-43.

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