# **Evidence Brief:**

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### Because LGBTQ health matters



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## **RHO FACT SHEET: BISEXUAL HEALTH**

Very little research has focused on the health of bisexual people. Current studies suggest that bisexuals may have the poorest rates of mental health and the highest rates of health service use compared with lesbians, gay men, or heterosexuals.

#### DIFFERENCES BETWEEN BISEXUALS AND GAYS AND LESBIANS

- Bisexuals are often grouped together with gays and lesbians or with heterosexuals, making it difficult to obtain data about bisexuals specifically. Because gays and lesbians exhibit health disparities, a common expectation is that bisexual health status will be somewhat better than that of gays and lesbians and somewhat worse than heterosexuals. Research has shown this not to be the case. In many instances bisexual people have worse health indicators than their gay and lesbian counterparts.
- Both Canadian and US studies have shown that bisexuals report higher rates of anxiety, depression, mental illness, suicidality, and self-harm, relative to gays and lesbians. (1-7)
- Bisexuals report poorer mental health and higher rates of mental health service utilization, relative to heterosexuals, gays, and lesbians. This has been found to be the case in both U.S. studies and in large Canada-wide studies. (4-5, 8-9)
- US studies suggest that bisexuals may experience higher rates of childhood sexual abuse, childhood physical abuse, and violent victimization than gay men or lesbians. Bisexual women have been found to be at a particulary high risk for revictimization. Researchers have found connections between these multiple stressors and rates of substance addictions among bisexual women. (10-13)

#### SOCIAL STRESSORS ON BISEXUALS

- The World Health Organization acknowledges that mental health is adversely affected by exposure to violence and abuse, as well as by the infringement of human rights. (14)
- Bisexuals have rates of childhood maltreatment, interpersonal violence and unwanted sex that are double that of their heterosexual peers. Bisexual women have twice the risk of post-traumatic stress disorder as heterosexual women.<sup>(15)</sup>
- As a group, bisexuals experience homophobia, heterosexism, biphobia, and monosexism (the view that heterosexuality or homosexuality is superior to bisexuality). Examples of biphobia and monosexist assumptions include the belief that bisexual people cannot be monogamous, or that bisexuality is not a stable or healthy sexual identity. This experience of stigma and oppression, called minority stress, creates a hostile and stressful social environment that can trigger or exacerbate mental health problems. (8, 16-18)





- In addition, research has found that bisexual people report higher rates of negative mental health outcomes even when they report fewer instances of discrimination in comparison to gay/lesbian people. This indicates there may be experiences associated with bisexual identity that are not accounted for in theoretical models developed to understand mental health of lesbian/gay people, such as minority stress, and an undertheorization of bisexual mental health experience. (19-20)
- Research on LGBT populations has found that a sense of community belonging can buffer the effects of minority stress. (21) Due to biphobia and monosexism, bisexuals may lack access to community support. Research in both Canada and the US has found that bisexuals feel marginalized by heterosexual, lesbian, and gay communities, and support provided by LGBT community to gay and lesbian people might not be as relevant to bisexual people. Bisexual-specific support, which has been found to reduce the effects of biphobia, is particularly lacking. (17, 21-24)

#### **EXPERIENCES WITH HEALTH CARE PROVIDERS**

- Despite the fact that bisexual people have the greatest need for mental health services
  of all sexual orientation groups, bisexual people are unlikely to have access to service
  providers with an adequate understanding of their sexual identity. Bisexual people
  identify significant challenges in accessing mental health services in Ontario. (17)
- Bisexual people report a number of negative experiences with health care providers, including judgment or dismissiveness in relation to their identity, and invasive or inappropriate questions related to their sexuality. Compared to their gay and lesbian counterparts, bisexuals in Canada and the US rate mental health services as less helpful with sexual orientation concerns. Bisexual people are also less likely to disclose their sexual orientation to health care providers compared to gay and lesbian people, which is associated with an increased risk in negative mental health outcomes. (17, 25-26)

#### **HEALTH ISSUES UNIQUE TO BISEXUALS**

- Bisexual people have reported that common misperceptions include that bisexuals spread STIs/AIDS, that bisexuals must have equal attraction for both men and women, that bisexuals are hyper-sexual, and that bisexuality isn't a legitimate sexual identity.<sup>(3)</sup>
- A lower proportion of Canadian bisexual women report having had a mammogram when compared with lesbians or heterosexual women.<sup>(5)</sup> This is especially concerning since a large American study found bisexual women had a greater risk of breast cancer than lesbians or heterosexuals.<sup>(27)</sup>
- Canadian studies show that bisexuals have the highest rates of consulting a social worker, counselor, or health service provider, and were also the most likely to report an unmet health need.<sup>(5)</sup> These findings are echoed in random sampling research conducted in the US.<sup>(9)</sup>
- An Ontario study found that bisexuals reported the highest rate of smoking (45%) among all the LGBTTQ participants. Bisexual youth have also been found to report higher rates of substance use over time compared to gay and lesbian youth, and young bsiexual women in particular report the highest rates of problem drinking behavior. (29-30)





#### **DIFFERENCES AMONG BISEXUALS**

- Bisexual women report poorer mental health and higher mental health service use than bisexual men. They are less likely to have a regular family doctor and are at higher risk for alcoholism and smoking. (3-5, 9, 31)
- Some social stigma is sex-specific. Bisexual men are often portrayed as carriers of
  disease to the heterosexual population, or as unwilling to come out as gay. Research
  within sexuality studies has also debated the existence of bisexuality for men, further
  stigmatizing male bisexuality, where this has not been the case for women. Bisexual
  women are often portrayed as experimenting with sexuality, or as catering to
  heterosexual male fantasies. (16, 32)
- The combination of trans and bisexual identities has historically been disallowed by gatekeepers to gender identity services. This has meant that trans people have been denied services if they were out about their bisexual identity. Bisexual trans people in Canada and the US have reported significant challenges in accessing culturally competent mental health care.<sup>(17, 33-34)</sup>
- Research in the UK suggests that bisexual men are far less likely than gay men to be out about their sexual orientation. (35) This can cause mental stress, and may seriously impair the quality and relevance of the health care they receive.
- Bisexual youth (age 16-24) have been found to report higher rates of depressive and posttraumatic syndrome symptoms compared to bisexual adults, as well as higher rates of past year suicidality. Specifically, 41% of bisexual youth reported symptoms indicative of moderate to severe depression, compared to 30% of bisexual adults, Thirty percent of youth reported considering suicide in the past year, compared to 15% of adults, and 26% of youth reported symptoms indicative of having a post-traumatic stress disorder compared to 15% of adults.

#### **BISEXUALITY AND RESILIENCE**

 Though the majority of bisexual health research focuses on deficits, some researchers have investigated positive factors related to bisexualty, or ways in which bisexual people experience well-being. For instance, one study found that bisexual people experienced freedom because of their bisexuality, such as freedom from social labels and to love who they wanted to without the restirction of gender. This develoment of positive identity is important for generating positive mental health outcomes.<sup>(36)</sup>

#### **GAPS IN THE RESEARCH**

- Most studies of bisexual people have used small, US-based samples. Since legal, cultural and social supports may differ significantly in Canada, research that focuses on Canadian bisexuals is needed.
- Pilot research in Ontario found that bisexuals associated mental well-being with adequate social support, self-acceptance, bisexual community belonging, and helping others through volunteerism. (17) Further quantitative research is needed in this area.
- More research is needed that focuses solely on the prevalence of anxiety, depression, suicidality, and substance use among bisexual people, and which includes an analysis of marginalization and anti-bisexual discrimination.





- Additional research is needed into health differences between bisexual people of different gender identities.
- Researchers should also focus on positive, strengths-based aspects of bisexuality to further knowledge in how bisexual people thrive or experience wellness.

#### THE RISK AND RESILIENCE PROJECT

• Community and research partners in Ontario came together to address these research gaps in the mental health of bisexual Ontarians. The resulting project included 405 bisexual-identified people living across Ontario who completed a survey about their mental health, and interviews were conducted with a portion of this group. Research currently published from this project include the investigation of mental health among bisexual youth discussed above, as well as a paper addressing the influence of biphobia on anxiety, (39) assessing the use of commonly used PTSD measures with bisexual people, (40) and investigating bisexual women's use of cannabis. (41) Future publications will also address mental health of bisexual people in the context of income, minority stress, and coping behavior.

#### IMPLICATIONS FOR HEALTH CARE PROVIDERS

- In order to provide culturally appropriate mental health services, it is important for providers to be respectful and non-judgmental, ask open-ended questions about sexuality and the gender of current and past partners, and use inclusive language.
- Health care providers should be aware that increased social marginalization and stress have a negative impact on mental health and wellness. (21, 37)
- When screening for cancers, health care providers should take into account bisexuals'
  higher rates of alcohol use and smoking. Tobacco control programs need to be
  developed specifically for the bisexual population.
- Since not all bisexuals are out to their health care providers, it is important not to assume that clients are heterosexual, gay or lesbian based on the gender of their current partner.





#### References

- 1. King M, Semlyen J, Tai SS, Killaspy H, Osborn D, Popelyuk D, et al. A systematic review of mental disorder, suicide, and deliberate self harm in lesbian, gay and bisexual people. BMC Psychiatry. 2008; 8:70.
- 2. Case P, Austin SB, Hunter DJ, Manson JE, Malspeis S, Willett WC, et al. Sexual orientation, health risk factors, and physical functioning in the nurses' health study II. Journal of Womens' Health. 2004; 13:1033-1047.
- 3. Koh AS, Ross LK. Mental health issues: A comparison of lesbian, bisexual and heterosexual women. Journal of Homosexuality. 2006; 51:33-57.
- 4. Steele LS, Ross LE, Dobinson C, Veldhuizen S, Tinmouth J. Women's sexual orientation and health: Results from a Canadian population-based survey. Women & Health. 2009; 49(5):353-367.
- 5. Tjepkema M. Health care use among gay, lesbian and bisexual Canadians. Statistics Canada. Canada: Statistics Canada; 2008.
- 6. Bostwick WB, Boyd CJ, Hughes TL, McCabe SE. Dimensions of sexual orientation and the prevalence of mood and anxiety disorders in the United States. American Journal of Public Health. 2010; 100(3):468-475.
- 7. Kerr DL, Santurri L, Peters P. A comparison of lesbian, bisexual, and heterosexual college undergraduate women on selected mental health issues. Journal of American College Health. 2013;61(4):185-194.
- 8.. Jorm AF, Korten AE, Rodgers B, Jacomb PA, Christensen H. Sexual orientation and mental health: Results from a community survey of young and middle-aged adults. British Journal of Psychiatry. 2002; 180(5):423-427.
- 9. Meyer IH, Rossano L, Ellis JM, Bradford J. A brief telephone interview to identify lesbian and bisexual women in random digit dialing sampling. Journal of Sex Research,. 2002; 39(139-144).
- 10.. McCabe S, Bostwick WB, Hughes TL, West BT, Boyd CJ. The relationship between discrimination and substance use disorders among lesbian, gay, and bisexual adults in the United States. American Journal of Public Health. 2010; 100(10):1946-1952.
- 11. Friedman MS, Marshal MP, Guadamuz TE et al. A meta-analysis of disparities in childhood sexual abuse, parental physical abuse, and peer victimization among sexual minority and sexual nonminority individuals. American Journal of Public Health. 2011; 101(8):1481-1494.
- 12. Hequembourg AL, Livingston JA, Parks KA. Sexual victimization and associated risks among lesbian and bisexual women. Violence against women. 2013; 19(5): 634-657.
- 13. Hughes TL, Szalacha LA, Johnson TP, Kinnison KE, Wilsnack SC, Cho Y. Sexual victimization and hazardous drinking amoung heterosexual and sexual minority women. Addictive Behaviors. 2010; 35(12): 1152-1156.
- 14. World Health Organization. Mental health and development: Targeting people with mental health conditions as a vulnerable group. Geneva: 2010
- 15. Roberts AL, Austin SB, Corliss HL, Vendermorris AK, Koenen KC. Pervasive trauma exposure among US sexual orientation minority adults and risk of posttraumatic stress disorder. American Journal of Public Health. 2010; 100(12):2433-2441.
- 16. Ross LE, Dobinson C, Eady A. Perceived determinants of mental health for bisexual people: A qualitative examination. American Journal of Public Health. 2010; 111(3):496-502.
- 17. Eady A, Ross LE, Dobinson C. Bisexual people's experiences with mental health services. Community Mental Health Journal. 2010: 1-12.
- 18. Dobinson C, Macdonnell J, Hampson E, Clipsham J, & Chow K. Improving the access and quality of public health services for bisexuals. Toronto: Ontario Public Health Association; 2003.
- 19. Bostwick WB, Boyd CJ, Hughes TL, West BT, McCabe SE. Discriminations and mental health among lesbian, gay, and bisexual adults in the United States. American Journal of Orthopsychiatry. 2014; 84(1):35-45.
- 20. Bostwick WB, Hequembourg AL. Minding the noise: conducting health research among bisexual populations and beyond. Journal of Homosexuality. 2013; 60(4): 655-661.
- 21. Meyer IH. Prejudice, social stress, and mental health in lesbian, gay, and bisexual populations: Conceptual issues and research evidence. Psychology Bulletin. 2003; 129(5):674-697.
- 22. Friedman MS, Dodge B, Schick V et al. From bias to bisexual health disparities: attitudes toward bisexual men and women in the United States. LGBT Health. 2014; 2:1-10.
- 23. Sheets RL, Mohr JJ. Perceived social support from friends and family and psychosocial functioning in bisexual young adult college students. Journal of Counseling Psychology. 2009; 56:152-163.
- 24. Dodge B, Schnarrs PW, Reece M et al. Community involvement among behaviorally bisexual men in the Midwestern USA: experiences and perceptions across communities. Culture, Health, and Sexuality. 2012; 14(9): 1095-1110.
- 25. Page EH. Mental health services experiences of bisexual women and bisexual men: An empirical study. Binghamton, NY: Harrington Park Press/The Haworth Press; 2004.
- 26. Durso L, Meyer I. Patterns and predictors of disclosure of sexual orientation to healthcare providers among lesbians, gay men, and bisexuals. Sexuality Research and Social Policy. 2013; 10(1):35-42.
- 27. Valanis BG, Bowen DJ, Bassford T, Whitlock E, Charney P, Carter RA. Sexual orientation and health: Comparisons in the Women's health initiative sample. Archives of Family Medicine. 2000; 9(9):843-853.
- 28. Clarke M. Tobacco use in lesbian, bisexual and trans women communities. OWHN E-Bulletin. Toronto: Sherbourne Health entre; 2007.
- 29. Marshal MP, Friedman MS, Stall R, Thompson AL. Individual trajectories of subtance use in lesbian, gay, and bisexual youth and heterosexual youth. Addiction. 2009; 104(6): 974-981.







- 30. Kerr DL, Ding K, Chaya J. Substance use of Lesbian, gay, bisexual, and heterosexual college students. American Journal of Health Behavior. 2014; 38(6): 951-962.
- 31. Bakker FC, Sandfort TGM, Vanwesenbeeck I, Van Lindert H, & Westert GP. Do homosexual persons use health care services more frequently than heterosexual persons: Findings from a dutch population survey. Social Science & Medicine. 2006; 63(8):2022-2030.
- 32. Reiger G, Chivers ML, Bailey JM. Sexual arousal patterns of bisexual men. Psychological Science. 2005; 16(8): 579-584.
- 33. Califia P. Sex changes: The politics of transgenderism. San Francisco: Cleis Press.; 1997.
- 34. Namaste V. Invisible lives: The erasure of transsexual and transgendered people. Chicago: University of Chicago Press; 2000.
- 35. Dacombe NA. Third survey of the health needs of gay and bisexual men in Southampton and South West Hampshire. Southampton: Gay Community Health Service; 2003.
- 36. Rostosky SS, Riggle EDB, Pascale-Hague D, McCants LE. The positive aspects of a bisexual self-identification. Psychology and Sexuality. 2010; 1(2): 131-144.
- 37. Mays VM, Cochran SD. Mental health correlates of perceived discrimination among lesbian, gay, and bisexual adults in the United States. American Journal of Public Health. 2001; 91(11):1869-1876.
- 38. Ross LE, Bauer GR, MacLeod MA, Robinson M, MacKay J et al. Mental health and substance use among bisexual youth and non-youth in Ontario, Canada. PLoS ONE. 2014; 9(8): e101604.
- 39. MacLeod MA, Bauer GR, Robinson M, MacKay J, Ross LE. Biphobia and anxiety among bisexuals in Ontario, Canada. Journal of Gay & Lesbian Mental Health. In press.
- 40. MacLeod MA, Bauer GR, MacKay J, Robinson M, Ross LE. Notes on measuring posttraumatic stress disorder in bisexuals using the PTSD Checklist—Civilian Version (PLC-C). Journal of Bisexuality. 2015; 15(1): 69-81.

Last Updated: March 2015