# EATING DISORDERS FACTS AND STATISTICS



#### WHO IS AFFECTED BY EATING DISORDERS?

Eating disorders affect people of all ages, genders, socioeconomic classes, racial backgrounds, ethnicities, and abilities.

- Eating disorders are among the most common chronic illnesses affecting adolescent girls (1)
- While these illnesses disproportionately affect girls and women, approximately 1 in 4 people
  with anorexia nervosa or bulimia nervosa, and 1 in 3 with binge eating disorder are boys and
  men (2)
- Research has shown that approximately between 5% and 8% of pregnant people meet the diagnostic criteria for an eating disorder (3)
- In a large study of adults seeking eating disorder treatment, 17% of the participants were 40 years of age or older (4)
- Community-based studies indicate that over 3% of women ages 60 and older are living with an eating disorder (5, 6)
- Studies have shown that between 14% and 42% of men with eating disorders are gay or bisexual and that, contrary to a common perception, lesbians and bisexual women are as likely as heterosexual women to be affected by eating disorders (7, 8)
- In a national survey, nearly 11% of transgender men and 8% of transgender women reported living with a diagnosed eating disorder (9)
- Population-based surveys indicate that prevalence rates of eating disorders are similar across levels of socioeconomic status (10)
- Research suggests that eating disorders are at least as prevalent among Black, Indigenous, and other racialized communities compared to white populations in North America (11, 12)
- Eating disorders can develop in people never exposed to media images of thin bodies cases of anorexia nervosa in people with congenital blindness have been documented (13)

### HOW MANY PEOPLE IN CANADA ARE AFFECTED BY EATING DISORDERS?

Eating disorders are a significant public health issue in Canada.

- Findings from the last Canadian Community Health Survey Mental Health indicate that in 2012, over 113 000 individuals ages 15 and older were living with an eating disorder diagnosed by a health professional (14)
- International research indicates that the point prevalence of eating disorders ranges from 2.2% to 4.6% and many of those affected do not seek or receive care specific to their illness (2)
- At any given time, an estimated 908,000 to 1,900,000 people in Canada have symptoms sufficient for an eating disorder diagnosis (2, 15)

## HOW CAN YOU IDENTIFY SOMEONE WITH AN EATING DISORDER?

You can't tell whether or not someone has an eating disorder just by looking at them. People of all body types experience eating disorders. Similarly, you can't rely on an affected person's size or weight to identify which type of eating disorder they have.

- A study of adolescents presenting at a specialized eating disorder clinic found that 17% of those with atypical anorexia nervosa were "overweight" or "obese" according to their body mass index (16)
- A large study involving population-based surveys conducted in multiple countries found that 25% of individuals who had lived with binge eating disorder in the past 12 months had a body mass index within the "normal" weight range (17)

#### References

- 1. Herpetz-Dahlman, B. (2015). Adolescent eating disorders: Update on definitions, symptomology, epidemiology, and comorbidity. *Child and Adolescent Psychiatric Clinics of North America*, 24, 177-196.
- 2. Galmiche, M., Déchelotte, P., Lambert, G., & Tavolacci, M. P. (2019). Prevalence of eating disorders over the 2000–2018 period: A systematic literature review. *The American Journal of Clinical Nutrition*, 109(5), 1402–1413. https://doi.org/10.1093/ajcn/nqy342
- 3. Martínez-Olcina, M., Rubio-Arias, J. A., Reche-García, C., Leyva-Vela, B., Hernández-García, M., Hernández-Morante, J. J., & Martínez-Rodríguez, A. (2020). Eating disorders in pregnant and breastfeeding women: A systematic review. *Medicina*, 56(7), 352. doi: 10.3390/medicina56070352
- 4. Elran-Barak, R., Fitzsimmons-Craft, E. E., Benyamini, Y., Crow, S. J., Peterson, C. B., Hill, L. L.,...Le Grange, D. (2015). Anorexia nervosa, bulimia nervosa, and binge eating disorder in midlife and beyond. *The Journal of Nervous and Mental Disease*, 203(8), 583-590.
- 5. Mangweth-Matzek, B., Rupp, C. I., Hausmann, A., Assmayr, K., Mariacher, E., Kemmler, G., Whitworth, A. B., & Biebl, W. (2006). Never too old for eating disorders or body dissatisfaction: A community study of elderly women. *International Journal of Eating Disorders*, 39(7), 583–586. doi: 10.1002/eat.20327
- 6. Conceição, E. M., Gomes, F. V. S., Vaz, A. R., Pinto-Bastos, A., Machado, P. P. P. (2017). Prevalence of eating disorders and picking/nibbling in elderly women. *International Journal* of Eating Disorders, 50(7), 793–800. doi:10.1002/eat.22700
- 7. Feldman, M. B. & Meyer, I. H. (2007). Eating disorders in diverse lesbian, gay, and bisexual populations. *International Journal of Eating Disorders*, 40(3), 218-226. doi: 10.1002/eat.20360
- 8. Parker, L.. L., & Harriger, J. A. (2020). Eating disorders and disordered eating behaviors in the LGBT population: A review of the literature. *Journal of Eating Disorders*, *51*. https://doi.org/10.1186/s40337-020-00327-y
- 9. Nagata, J. M., Murray, S. B., Compte, E. J., Pak, E. H., Schauer, R., Flentje, A., Capriotti, M. R., Lubensky, M. E., Lunn, M. R., & Obedin-Maliver, J. (2020). Community norms for the Eating Disorder Examination Questionnaire (EDE-Q) among transgender men and women. Eating Behaviors, 37. https://doi.org/10.1016/j.eatbeh.2020.101381

- 10. Huryk, K. M., Drury, C. R., Loeb, K. L. (2021). Diseases of affluence? A systematic review of the literature on socioeconomic diversity in eating disorders. Eating Behaviors, 43, 101548. https://doi.org/10.1016/j.eatbeh. 2021.101548
- 11. Marques, L., Alegria, M., Becker, A. E., Chen, C., Fang, A., Chosak, A., & Belo Diniz, J. (2011). Comparative prevalence, correlates of impairment, and service utilization for eating disorders across U.S. ethnic groups: Implications for reducing ethnic disparities in health care access for eating disorders. *International Journal of Eating Disorders*, 44(5), 412-420. doi: 10.1002/eat.20787
- 12. Egbert, J., Luke, A., & Qeadan, F. (2024). Intersectionality of demographic characteristics in self-reported anorexia nervosa, bulimia nervosa, and probable eating disorders among college students. *International Journal of Eating Disorders*, 57(1), 132–145. https://doi.org/10.1002/eat.24090
- 13. Thomas, J. J., Weigel, T. J., Lawton, R. K., Levendusky, P. G., & Becker, A. E. (2012). Cognitive-behavioral treatment of body image disturbance in a congenitally blind patient with anorexia nervosa. *The American Journal of Psychiatry*, (169)1, 16-20.
- 14. Statistics Canada. (n.d.). *Table 13-10-0465-01 Mental health indicators*. https://doi.org/10.25318/1310046501-eng
- 15. Statistics Canada. (2024). Population and demography statistics. Retrieved December 5, 2024, from https://www.statcan.gc.ca/eng/subjects-start/population\_and\_demography
- 16. Sawyer, S. M., Whitelaw, M., Le Grange, D., Yeo, M., & Hughes, E. K. (2016). Physical and psychological morbidity in adolescents with atypical anorexia nervosa. *Pediatrics*, 137(4), 1–8. doi: 10.1542/peds.2015-4080
- 17. Kessler, R. C., Berglund, P. A., Chiu, W. T., Dietz., A. C., Hudson, J. I., Shahly, V.,...Xavier, M. (2013). The prevalence of correlates of binge eating disorder in the WHO World Mental Health Surveys. *Biological Psychiatry*, 73(9), 904-914. doi: 10.1016/j.biopsych.2012.11.020

Created 2018; updated 2024