Health and Well-Being among Trans and Non-Binary Canadians:

First Results from Trans PULSE Canada

Greta Bauer, PhD, MPH Ayden Scheim, PhD Siobhan Churchill, MSc for the

Trans PULSE Canada

Research Team

Epidemiology and Biostatistics, Western University London, Ontario, Canada



November 2020 WPATH 2020

Trans PULSE Canada National Survey 2019

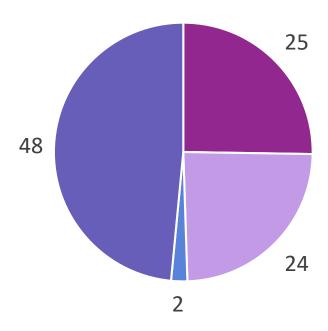
- Data collection (10-week period)
 - Online, paper, or telephone survey, or completed with assistance of eleven Peer Research Associates working in major cities and online
 - Short-form option
- Eligibility:
 - Identify as gender other than assigned at birth
 - Age 14 and older
 - Resident of Canada
 - Able to complete survey in English or French
- N=2,873
- 9 priority populations
 - Indigenous, immigrant, sex worker, disability, youth, older adult, racialized, nonbinary, rural



	%	95% CI
Age 14-19 years	13	(12, 14)
20-24 years	22	(20, 23)
25-34 years	37	(35, 39)
35-49 years	20	(18, 21)
50-64 years	8	(7, 9)
65+ years	1	(0.7, 1)
Indigenous	9	(8, 10)
Racialized	14	(13, 15)
Newcomer	3	(3, 4)
Established immigrant	9	(8, 10)
Rural residence	6	(5, 7)
Identify as living with disability	19	(17, 20)
Identify as neurodivergent	30	(29, 32)
Low-income household ^a	40	(38, 42)
Employed full-time ^a	43	(41, 46)

a. Limited to those age 25+ years

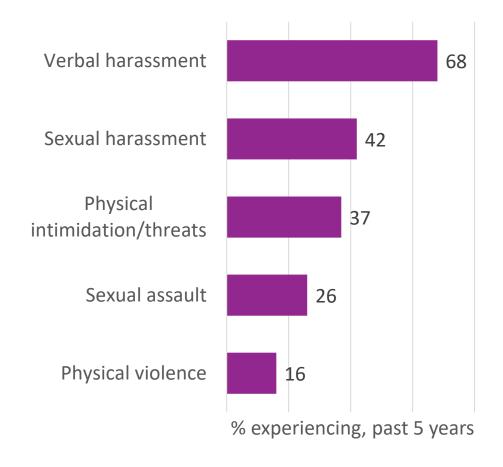
Gender Category



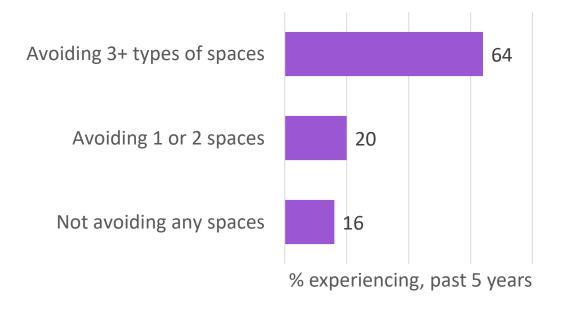
- Man/Boy
- Woman/Girl
- Indigenous/Cultural Gender
- Non-Binary



Harassment and violence

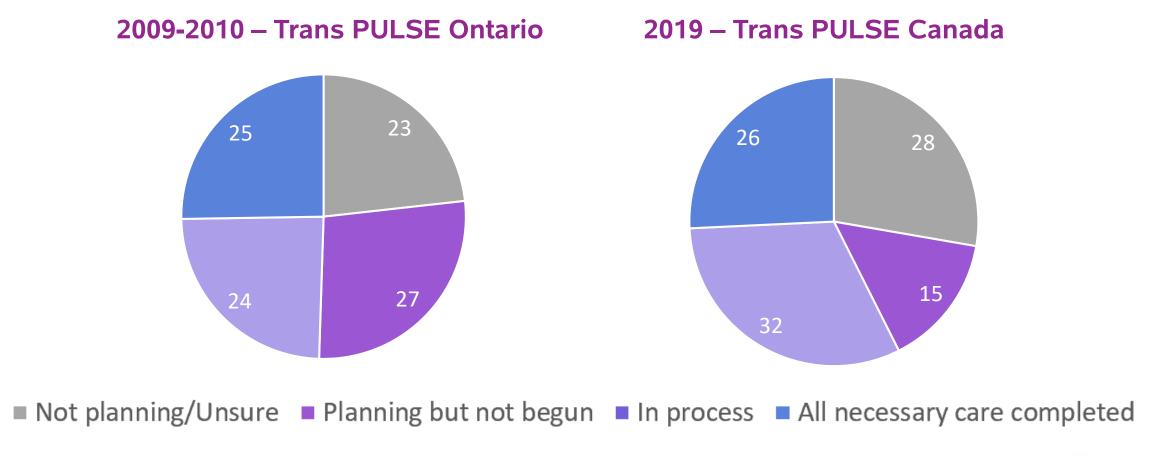


Avoidance of public spaces





Gender-Affirming Health Care Status





Health measures

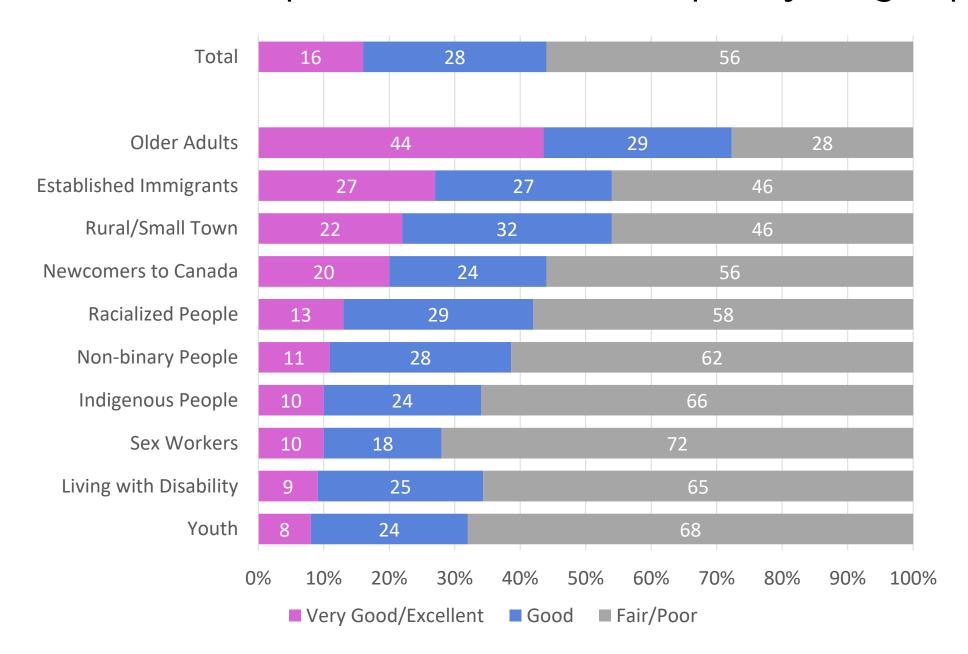
	%	95% CI
Suicidal ideation, past year	31	(29, 33)
Suicide attempt, past year	6	(5, 6)
Self-rated mental health Excellent or very good Good Fair or poor	16 28 56	(15, 18) (27, 30) (54, 57)
Self-rated health Excellent or very good Good Fair or poor	37 36 27	(35, 37) (34, 38) (25, 29)

Comparison with 2009 Ontario Trans PULSE data:

Ideation: 36% (28, 44) Attempt: 10% (6, 16)



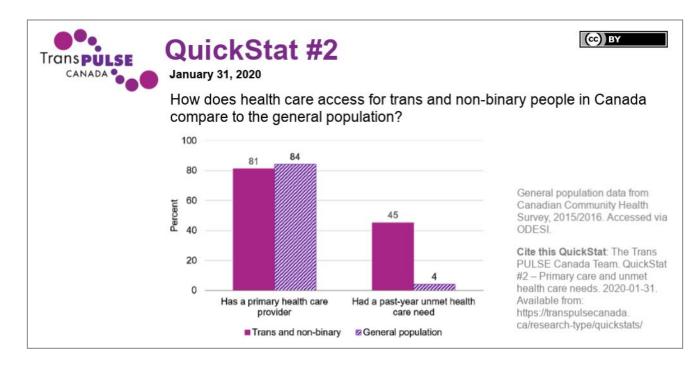
Variation in self-reported mental health for priority subgroups





Health care

	%	95% CI
Has a primary health care provider	81	(79, 82)
Unmet health care need, past year	45	(43, 47)
Avoided emergency department because of fear of mistreatment, past year	12	(10, 13)



Watch for:

Follow us here

- WPATH presentation on immigrants, newcomers, refugees
- Series of 11 initial reports
- QuickStats
- COVID Survey
- Academic papers, beginning with:
 - Intersectional approaches to health inequities
 - Priority population focused papers
 - Interprovincial differences
 - Estimation of population size



Acknowledgements – Trans PULSE Canada Contributors

The Trans PULSE Canada team includes more than 100 people who have contributed in different ways to the project. We would like to acknowledge the valuable contributions of the following people, and 36 additional anonymous individuals: Aaron Devor, Adrian Edgar, Alisa Grigorovich, Alyx MacAdams, Ander Swift, Angel Glady, Anna Martha Vaitses Fontanari, Asha Jibril, Ayden Scheim, Bretton Fosbrook, Caiden Chih, Callie Lugosi, Carol Lopez, Charlie Davis, Connie Merasty, Dominic Beaulieu-Prévost, Drew Burchell, Elie Darling, Emily Nunez, Eva Legare-Tremblay, Fae Johnstone, Fin Gareau, Françoise Susset, Frédéric S.E. Arps, Gioi Tran Minh, Greta Bauer, Hannah Kia, Jack Saddleback, Jacq Brasseur, Jaimie Veale, Jelena Vermilion, Jordan Zaitzow, Joseph Moore, Jose Navarro, Julie Temple-Newhook, j wallace skelton, Keegan Prempeh, Kelendria Nation, Kimberly Dhaliwal, Kohenet Talia Johnson, Kusha Dadui, Kylie Brooks, Leo Rutherford, Marcella Daye, Mayuri Mahendran, Meghan Smith, Moomtaz Khatoon, M. Roberts, Naja, Nathan Lachowsky, Nik Redman, Noah Adams, Peetanacoot (Winnie) Nenakawekapo, Parker L., Prerna Thaker, Rainbow Hunt, Randy Jackson, Reann Legge, Rebecca Hammond, Reece Malone, Renée Masching, Renu Shonek, Robb Travers, Rosalyn Forrester, Roxane Nadeau, Sharp Dopler, Shaz Islam, Siobhan Churchill, Skylar Sookpaiboon, Sophia Ciavarella, T.F., Todd Coleman, Tony Kourie, William Flett, and Yasmeen Persad. Thank you!

This project is funded by the Canadian Institutes of Health Research.









