

Hospitalizations among First Nations, Inuit & Métis Adults in Toronto: Results from OHC Toronto-ICES data linkage

OUR HEALTH COUNTS TORONTO



About Our Health Counts Toronto

- The OHC Toronto study is co-led by Well Living House and Seventh Generation Midwives Toronto, with the support of the OHC Toronto reference group
- Seventh Generation Midwives Toronto are the data owners and custodians
- 97% of OHC Toronto participants consented to have their data linked to administrative health data at the Institute for Clinical and Evaluative Sciences (ICES).

Hospitalizations are common among First Nations, Inuit, and Métis living in urban and related homelands.¹⁻²

Previous OHC studies have demonstrated slightly higher rates of hospitalizations among FNIM in comparison to general city and provincial rates. These higher rates have been attributed to higher birth rates and chronic health conditions among FNIM.²

FNIM predominantly experienced medical/surgical hospitalizations.

FNIM in Toronto are hospitalized much more frequently than the general Toronto and Ontario population.

Hospitalizations (Between 2013-2018)

4.6%

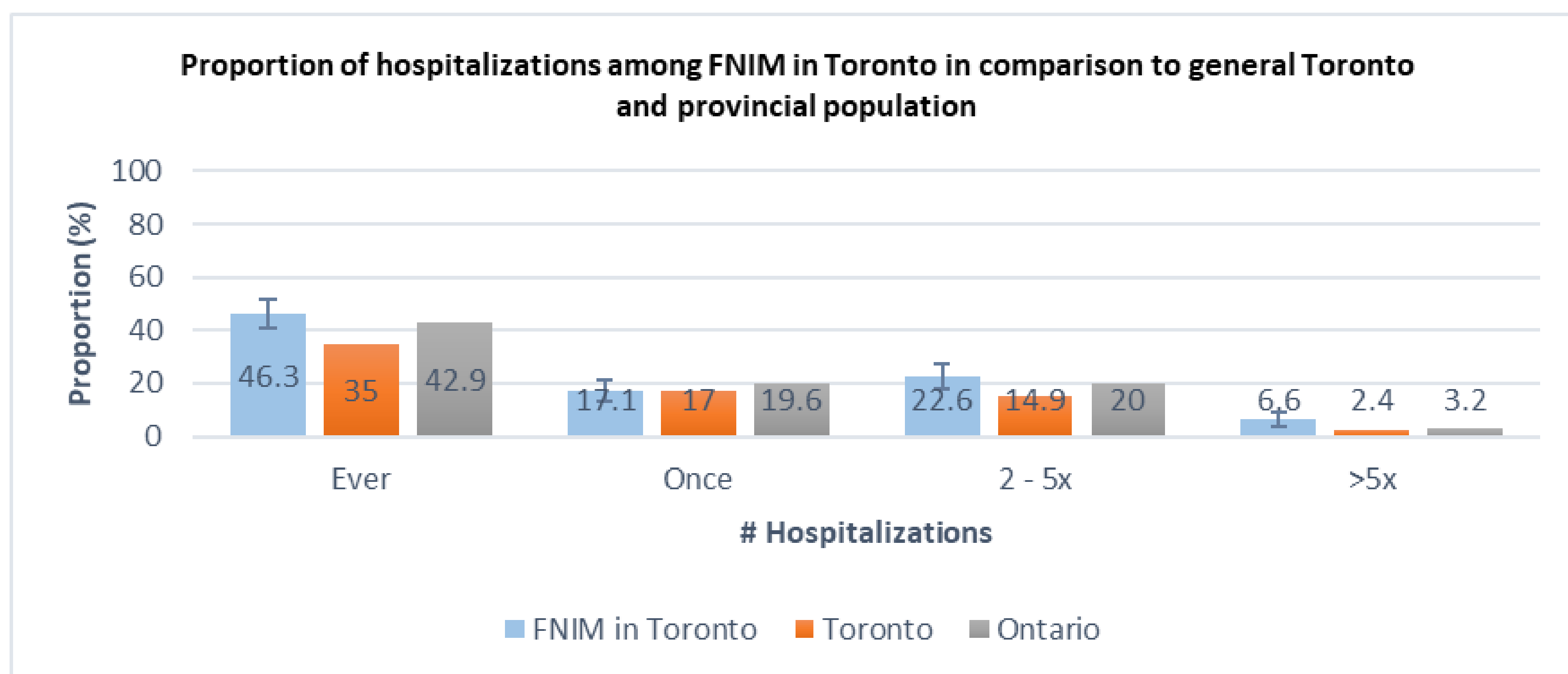
of FNIM adults in Toronto were hospitalized at least one time. This is **11%** higher than the general Toronto population.

6.6%

of FNIM were hospitalized six or more times. This is **2.7X** and **2X** greater than the general Toronto and Ontario population, respectively.

31,000

FNIM are hospitalized **1.4X** on average over five years, which totals approximately **8,700 hospitalizations** among FNIM in Toronto per year.



Recommended Citation: McConkey, S., Fung, K., Rotondi, M., Brant, E., Blais, G., Yates, E., Tusevljak, N., Bourgeois, C., Smylie, J. (2023). Hospitalizations among First Nations, Inuit & Métis Adults in Toronto: Results from OHC Toronto-ICES data linkage.

References: 1) Smylie et al. (2011); 2) Smylie et al. (2012).



Appendix

ICES LINKAGE INDICATOR	FNIM IN TORONTO RDS ESTIMATE % (95% CI)*	TORONTO** TOTAL POPULATION %	ONTARIO (10%***) POPULATION ESTIMATE % (95% CI)
# HOSPITALIZATIONS IN PAST 5 YEARS			
NONE	46.3 (40.9, 51.7)	68.3	60.9 (57.0, 57.2)
ONCE	17.1 (13.0, 21.2)	17.7	19.6 (19.5, 19.7)
2-5X	22.6 (18.0, 27.2)	14.9	20.0 (20.0, 20.1)
>5X	6.6 (3.8, 9.4)	2.4	3.2 (3.2, 3.3)
AVERAGE # HOSPITALIZATIONS IN PAST 5 YEARS	1.4 (1.0, 1.8)	2.2	2.3 (2.3, 2.3)

RDS: Respondent-Driven Sampling; CI: Confidence Interval

*Adjusted for RDS-II weights.

**Rates for the entire city of Toronto as obtained from ICES.

***Unadjusted estimate for 10% sample of the Ontario population.

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