



The Health and Housing in Transition (HHiT) Study

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St. Michael's

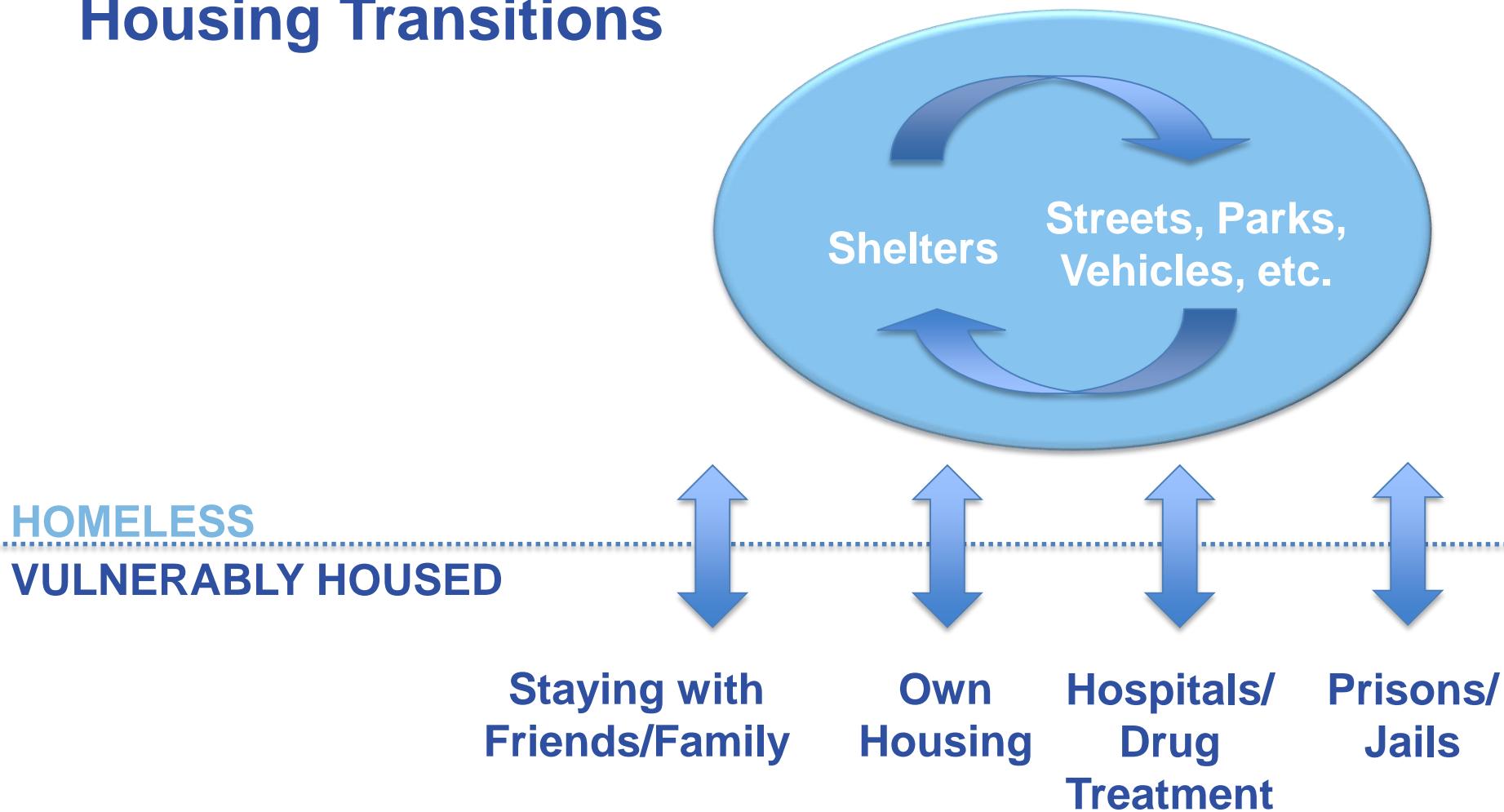
Inspired Care. Inspiring Science.

Design of the Study

- Observational cohort study of 1,190 homeless and vulnerably housed adults in Vancouver, Toronto, and Ottawa interviewed annually over 4-year period
- Representative sample of approx. 200 homeless and 200 vulnerably housed individuals in each city
- Individuals recruited at homeless shelters, meal programs, single room occupancy (SRO) hotels, and rooming houses
- Investigation of the incidence of housing transitions
Homeless → Housed Vulnerably Housed → Homeless
- To identify risk factors and protective factors associated with these transitions, and examine whether changes in housing status are associated with changes in health status and health care utilization



Housing Transitions

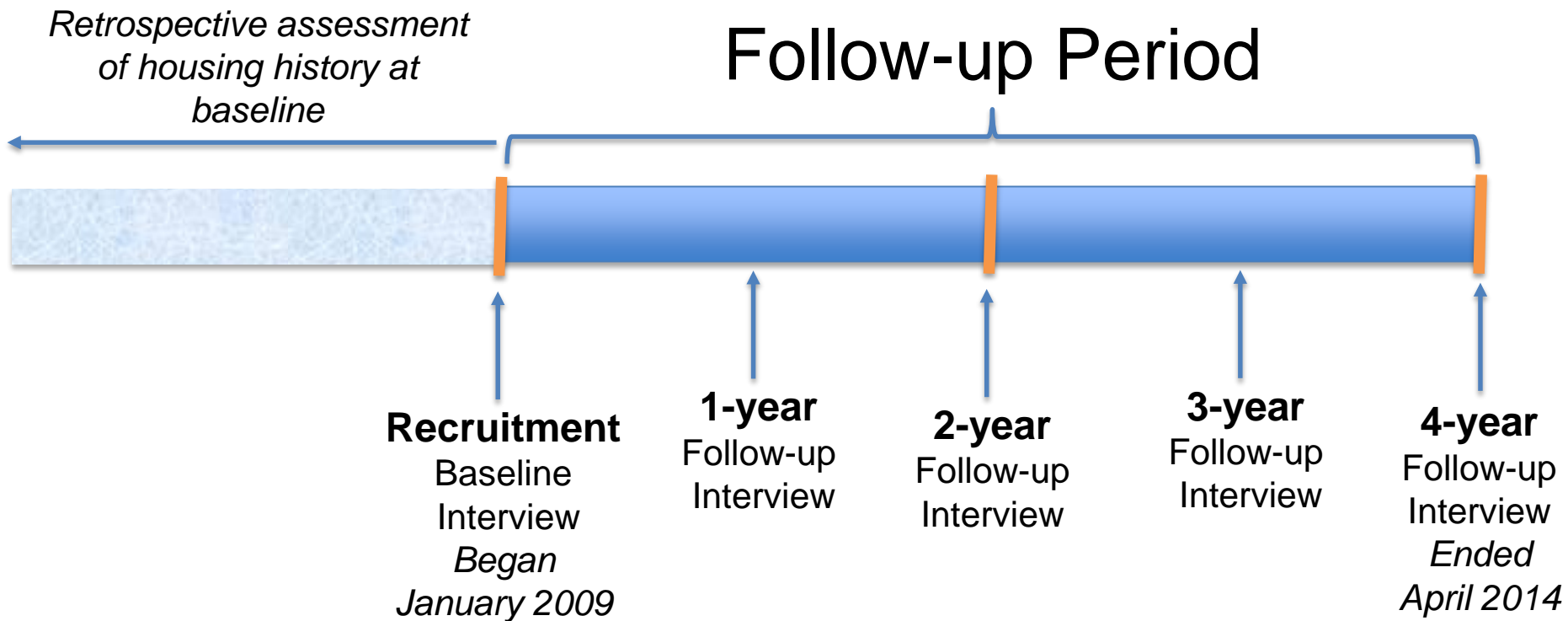


Eligibility Criteria

	Homeless in Shelter	Homeless NOT in Shelter	Vulnerably Housed
Recruitment Site	Shelter	Meal Programs	SROs, Rooming Houses, Meal Programs
Screening Criteria	Adults 18+	Adults 18+	Adults 18+
	NOT currently living with children	NOT currently living with children	NOT currently living with children
	Homeless	Homeless	Have their own place
	Currently residing in shelter	NOT currently residing in shelter	Homeless in past 12 months OR 2 or more moves in past 12 months
			NOT full-time students OR tourists



Study Timeline



Key Outcome Domains

Domain	Instrument
Housing	Residential Time-Line Follow-Back Calendar
Health: Physical, Mental	SF-12
Health Care Utilization	Linkage with provincial health care databases
Quality of Life	Euro-Qol (EQ-5D); Quality of Life for Homeless and Hard-to-House Individuals (QOLHHI)
Substance Use	Alcohol Use Disorders Identification Test (AUDIT); Drug Abuse Screening Test (DAST)
Social Support	Social Provisions Scale (SPS); Social Support Network Instrument (SSNI); Community Integration



Sample Characteristics

	Vancouver (n=395)	Toronto (n=399)	Ottawa (n=396)
Age, mean (SD)	42.0 (10.2)	43.5 (9.9)	41.1 (11.4)
Gender, n (%)			
Male	244 (62)	258 (65)	278 (70)
Female	140 (36)	132 (33)	117 (30)
Transgendered	9 (2)	9 (2)	0
Race/Ethnicity, n (%)			
White	222 (58)	203 (54)	297 (76)
Black	12 (3)	68 (18)	26 (7)
First Nations	105 (27)	52 (14)	47 (12)
Mixed ethnicity	30 (8)	24 (6)	10 (2)
Other	14 (4)	32 (8)	13 (3)
Employed in past 12 months, n (%)	170 (43)	137 (34)	166 (42)
Monthly income, (CDN dollars) median	1074	770	825



Sample Characteristics

	Vancouver (n=395)	Toronto (n=399)	Ottawa (n=396)
Education, n (%)			
Some HS or less	178 (46)	170 (43)	181 (46)
HS or equivalent	99 (25)	90 (23)	87 (22)
Some post-secondary education or higher	114 (29)	137 (34)	126 (32)
Marital status, n (%)			
Single/never married	203 (52)	247 (62)	236 (60)
Divorced/separated	110 (28)	101 (26)	98 (25)
Widowed	15 (4)	9 (2)	6 (1)
Married/common-law	36 (9)	24 (6)	22 (6)
Partnered/not married	27 (7)	17 (4)	33 (8)
Lifetime duration of homelessness (years), median	3.2	3.0	2.1

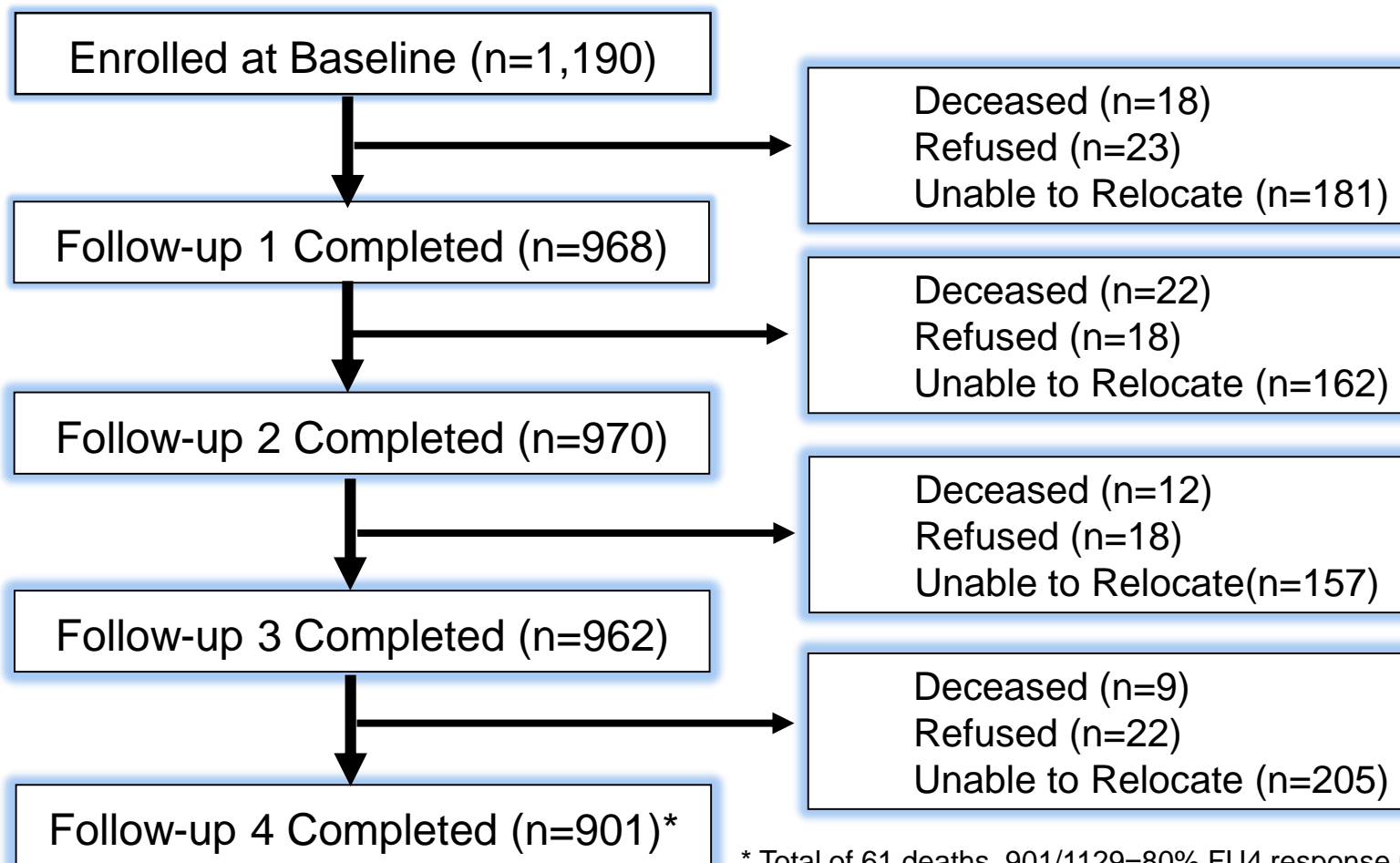


Sample Characteristics

	Vancouver (n=395)	Toronto (n=399)	Ottawa (n=396)
Number of chronic health conditions, n (%)			
0	29 (7)	80 (20)	42 (10)
1	80 (20)	84 (21)	86 (22)
2	63 (16)	75 (19)	59 (15)
≥3	223 (57)	160 (40)	209 (53)
Ever diagnosed with a mental health problem, n (%)	210 (54)	161 (41)	235 (60)
Incarcerated in past 12 months, n (5%)	109 (28)	105 (26)	123 (31)
Traumatic Brain injury (lifetime prevalence), n (%)	271 (67)	199 (50)	248 (63)



Key Outcome Domains



* Total of 61 deaths. 901/1129=80% FU4 response rate



Accessing the Database

- Data requests are circulated to the research team to:
 - a) ensure representation from all sites
 - b) avoid duplication of efforts, and
 - c) update the core papers list.
- Those interested in using data from the Health and Housing in Transition Study should complete a *Core Papers Form*, indicating the title, co-authors, type of paper, brief research plan, target journals, and anticipated deadline.
- Send completed form to Evie Gogosis at St. Michael's Hospital
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Research Team and Acknowledgements

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