

Appendix 1 (as supplied by the authors): Supplementary tables

Supplementary Table A1. Descriptive characteristics of income quintiles.

Quintile	Mean after-tax incomes*, \$CDN (sd)	Range of after-tax incomes*, \$CDN	Proportion of low income residents (%)	Mean age*, yr (sd)	Mean percent receiving EI (%)	Dissemination areas, n (%)	Proportion of population (%)
Q1	77,379.16 (23,207.76)	27,550.00 - 279,470.00	0 – 6.7	40.5 (5.9)	8.0 (4.6)	3321 (19.7)	18.0
Q2	62,659.18 (16,318.30)	24,200.00 - 223,210.00	6.8 – 10.0	40.3 (5.2)	9.9 (4.6)	3494 (20.7)	22.0
Q3	53,330.04 (13,208.75)	21,570.00 - 147,200.00	10.1 - 14.5	39.7 (5.2)	10.9 (4.8)	3321 (19.7)	20.3
Q4	43,500.37 (9,030.02)	17,510.00 - 132,180.00	14.6 - 21.6	38.8 (4.9)	11.9 (4.9)	3371 (20.0)	19.2
Q5	31,616.71 (7,415.12)	5,840.00 - 73,490.00	21.7 - 86.0	36.7 (5.2)	13.0 (5.4)	3380 (20.0)	20.4

* Calculated using the median after-tax income and average age for each dissemination area in a given quintile, as provided by Statistics Canada T1FF data.

Supplementary Table A2. Rates and 95% CIs of NAS per 1,000 live births, opioid poisonings per 100,000, and non-overdose events per 100,000.

Year	NAS	Opioid Poisonings			Non-poisoning visits	
	Rate per 1,000 live births (95% CI)	ED Visits Rate per 100,000 (95% CI)	Hosp. Rate per 100,000 (95% CI)	Deaths Rate per 100,000 (95% CI)	ED Visits Rate per 100,000 (95% CI)	Hosp. Rate per 100,000 (95% CI)
2003	1.08 (0.905-1.26)	15.18 (14.49-15.87)	9.70 (9.15-10.25)	2.99 (2.68-3.30)	14.06 (13.39-14.72)	12.89 (12.25-13.52)
2004	1.44 (1.42-1.64)	16.49 (15.77-17.20)	10.29 (9.73-10.86)	2.74 (2.45-3.04)	19.09 (18.32-19.86)	15.54 (14.85-16.24)
2005	1.57 (1.36-1.78)	16.65 (15.94-17.37)	10.56 (9.99-11.13)	3.54 (3.21-3.87)	22.67 (21.84-23.50)	16.84 (16.12-17.56)
2006	1.80 (1.58-2.02)	16.98 (16.26-17.70)	9.73 (9.19-10.27)	3.44 (3.12-3.77)	27.00 (26.09-27.90)	14.33 (13.68-14.99)
2007	2.25 (2.00-2.49)	17.47 (16.75-18.20)	9.71 (9.17-10.25)	3.67 (3.33-4.00)	29.62 (28.68-30.57)	15.00 (14.32-15.67)
2008	2.52 (2.26-2.78)	18.72 (17.97-19.46)	10.22 (9.66-10.77)	3.81 (3.47-4.15)	37.27 (36.21-38.32)	16.60 (15.90-17.31)
2009	3.19 (2.90-3.49)	22.20 (21.39-23.01)	11.16 (10.58-11.73)	4.07 (3.72-4.42)	46.72 (45.55-47.90)	18.39 (17.65-19.13)
2010	4.16 (3.82-4.50)	21.63 (20.83-22.42)	10.92 (10.36-11.49)	4.35 (3.99-4.70)	51.95 (50.72-53.19)	19.79 (19.03-20.55)
2011	5.31 (4.92-5.69)	22.12 (21.32-22.92)	12.10 (11.51-12.69)	4.19 (3.84-4.54)	53.12 (51.88-54.36)	20.92 (20.14-21.70)
2012	5.14 (4.76-5.52)	23.52 (22.70-24.34)	13.24 (12.62-13.85)	4.36 (4.01-4.72)	49.26 (48.07-50.44)	23.37 (22.55-24.19)
2013	5.86 (5.45-6.26)	22.51 (17.72-23.31)	12.33 (11.74-12.92)	4.72 (4.35-5.08)	43.44 (42.33-44.55)	24.54 (23.71-25.38)
2014	6.54 (6.12-6.97)	24.47 (23.64-25.30)	12.47 (11.88-13.06)	4.94 (4.57-5.31)	41.37 (40.30-42.45)	24.28 (23.45-25.11)
2015	6.37 (5.94-6.79)	26.31 (25.45-27.16)	12.65 (12.06-13.25)	5.29 (4.91-5.68)	46.61 (45.47-47.75)	25.86 (25.01-26.70)
2016	6.49 (6.06-6.92)	31.66 (30.73-32.60)	13.56 (12.95-14.17)	N/A	54.26 (53.04-55-48)	27.84 (26.96-28.71)

For further information on access to data or programming code, please contact Data and Analytics at Public Health Ontario (analytics@oahpp.ca).