



Ambulance Services Attendance for Mental Health and Overdose Before and During COVID-19 in Canada and the United Kingdom: Interrupted Time Series Study



Study Demographics

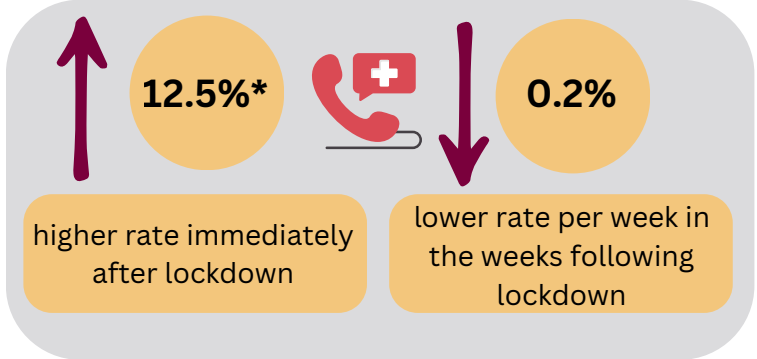


- N = 4,865,583
- East Midlands region
- 49.5% Male
- 290 residents per square km
- 9,809 persons per vehicle

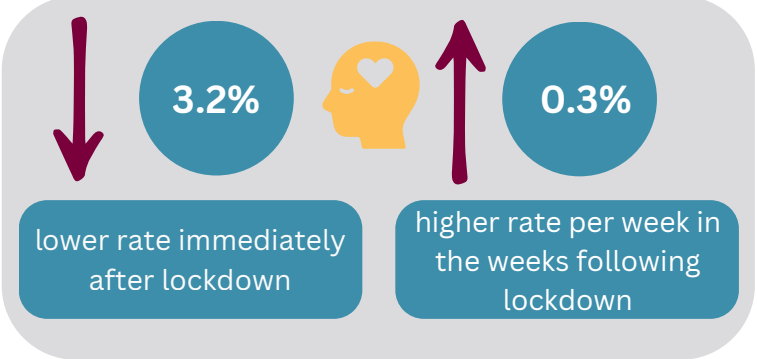


- N = 1,019,510
- Niagara and Hamilton regions
- 48.8% Male
- 316 residents per square km
- 14,776 persons per vehicle

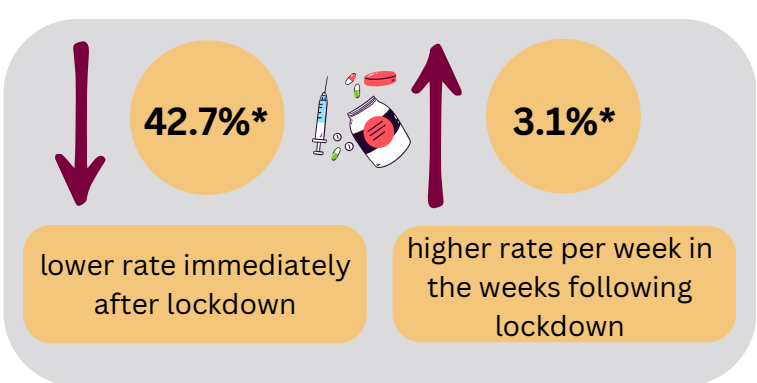
UK Mental Health Calls (N=87,086)



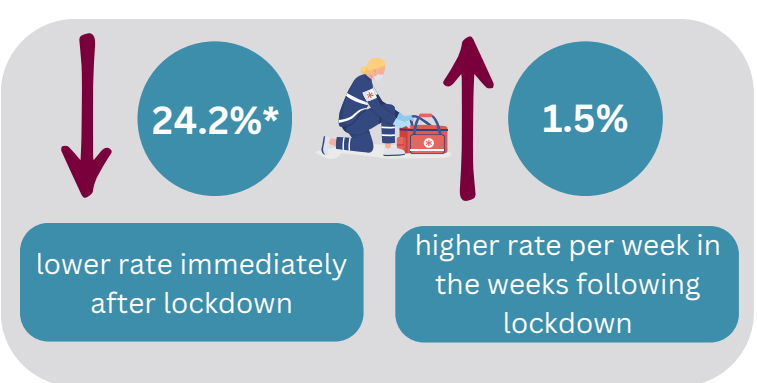
Canada Mental Health Calls (N=19,410)



UK Overdose Calls (N=64,832)



Canada Overdose Calls (N=11,619)



*Statistically Significant at P<0.05

Important Take Aways

- There were different trends observed in age- and sex-stratified rates within and between the UK and Canada.
- Further research on the public health measures that may explain observed regional differences is necessary.