

CLIMATE CHANGES HEALTH IN CANADA

Climate change is the biggest global health threat of the 21st century.

— Lancet¹

IMPACTS ON MENTAL HEALTH⁸ AND AVAILABILITY OF TRADITIONAL FOODS IN THE NORTH⁷

Due to arctic warming (3x Global Rate)⁵.



DISPLACEMENT

Climate change-exacerbated drought and famine was one factor in Syrian refugee crisis.²⁷

RELOCATION & STRESS FROM COASTAL EROSION

P.E.I. homes at risk.²⁶

WILDFIRE-RELATED ASTHMA⁹ & EVACUATION

Healthcare facilities evacuated:

- Fort McMurray: 105 patients^{10,11}
- Interior BC 2017: 880 patients^{12,13}

Anxiety & PTSD following evacuation.¹⁴

FLOOD-RELATED DEATHS AND DAMAGE

2013 Alberta flood¹⁵:

- 5 deaths¹⁶
- Healthcare facilities closed due to flooding.¹⁷

DROUGHTS^{18,19}

Uneven impact on crops.²⁰
Socioeconomic stress.²¹

ALLERGIES

Increased severity & duration of pollen seasons.²²

TICK-BORNE DISEASE

2017: 3x higher rate Lyme Disease in Ontario than 2012-2016 average.²³

HEAT-RELATED ILLNESS²⁴

66 people died in Montreal during 2018 heat wave.²⁵

P-Desrosiers C, Hackett F, McGregor D, Banasiak K. The Lancet Countdown on Health and Climate Change - Policy Brief for Canada, Dec 2020. Lancet Countdown: Tracking Progress on Health and Climate Change; Canadian Medical Association.