

# Describing Wildlife Health Spatially in Ontario

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## Introduction

- Lots of research has focused on the interactions between human and wildlife health on a large scale, but research on local-level connections is limited
- In order to build healthy and resilient communities, it is important that we understand the factors that contribute to the health of all species on a local level

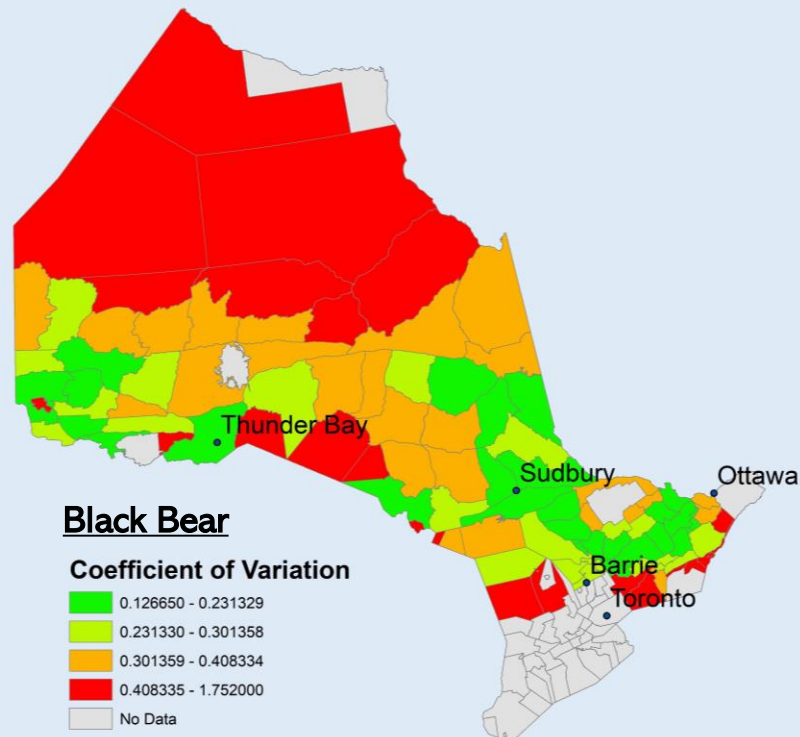


## Objective

- Describe the state of wildlife health spatially in Ontario
- Propose areas where the human-wildlife health relationship can be studied in greater detail locally

## Methods

- 1) Data sources containing information on wildlife health were identified and species of focus were selected
- 2) Indicators of wildlife health were proposed based on a literature review and available wildlife data
- 3) Maps were produced depicting each health indicator in each species of focus
- 4) Health indicator maps will be combined to produce one health map for each species
- 5) Species-specific health maps will be overlaid to identify areas of interest



## Expected Results and Significance



- Description of wildlife health status at a local level in Ontario
- Proposed sentinel sites for improved monitoring of wildlife health and research into how wildlife health relates to human health on a local scale
- Support future research to identify shared health determinants across human and wildlife populations