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.