



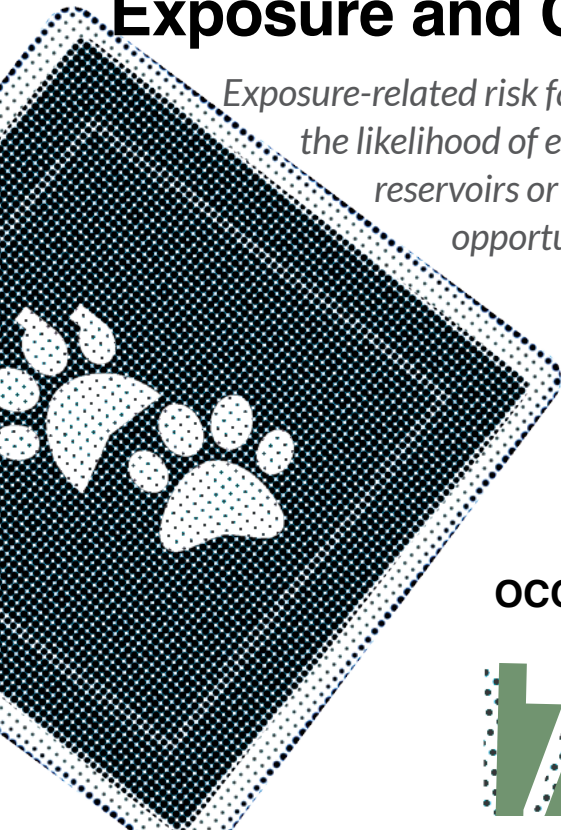
# Zoonoses

Zoonotic Infectious Diseases (ZIDs)

Diseases that spread between animals and humans, with causal agents being pathogenic microorganisms such as viruses, bacteria, fungi, or parasites.

## Exposure and Contact Risks

Exposure-related risk factors refer to activities, environments, or situations that increase the likelihood of encountering animals, vectors, or environments that serve as reservoirs or sources of zoonotic infectious agents. These factors shape opportunities for exposure and influence the probability of infection.<sup>63 64 65</sup>

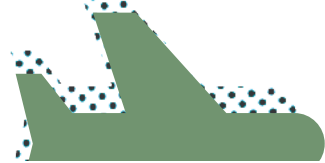


### OCCUPATIONAL



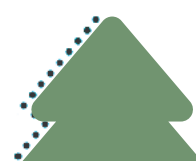
Working in settings that involve frequent or close interactions, direct or indirect, with animals, their products, or their environments. (E.g., agricultural and livestock work, veterinary practice, animal husbandry, meat processing, wildlife management and research, forestry, and other outdoor occupations).

### TRAVEL-RELATED



Travel to regions where certain zoonoses are more prevalent. E.g. areas with endemic vector populations.

### RECREATIONAL



Outdoor activities such as camping, hiking, fishing, hunting/ trapping, or visiting natural areas can bring people and their pets into contact with wildlife or vectors (e.g., ticks, mosquitoes) or contaminated environments capable of transmitting zoonotic pathogens.

### WILDLIFE CONTACT



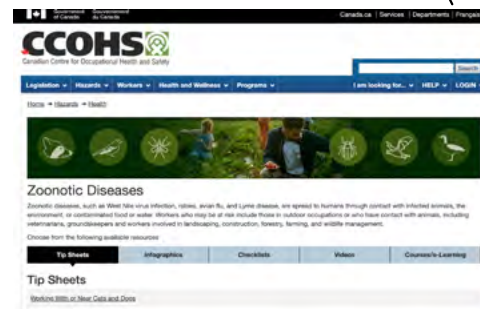
Direct or indirect contact with wild animals or their environments, whether through observation, feeding, capture, rehabilitation, or encroachment into wildlife habitats—can increase exposure to zoonotic pathogens.

### COMPANION ANIMALS

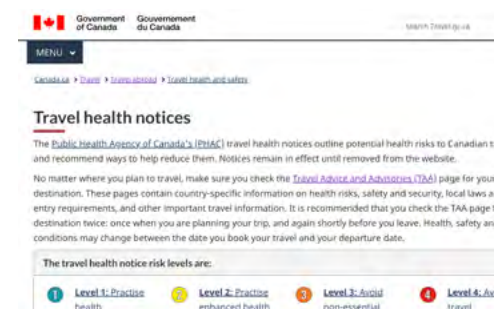


Companion animals, including pets may act as carriers or sources of zoonotic pathogens, either through direct transmission or by bringing vectors such as ticks or fleas into households or by contaminating shared environments.

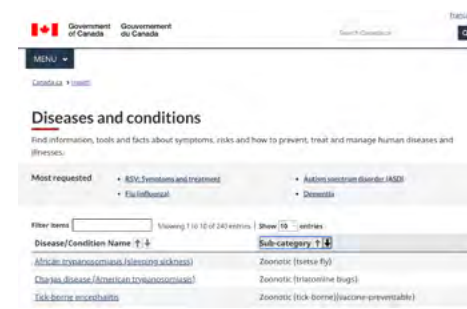
### Explore Recommended Resources



CCOHS Canadian Centre for Occupational and Safety | Zoonotic Diseases



Public Health Agency of Canada | Travel Health Notices



Government of Canada | Diseases and Conditions



Government of Canada | Public Health Notices



Worms and Germs blog | Centre for Public Health & Zoonoses | University of Guelph