

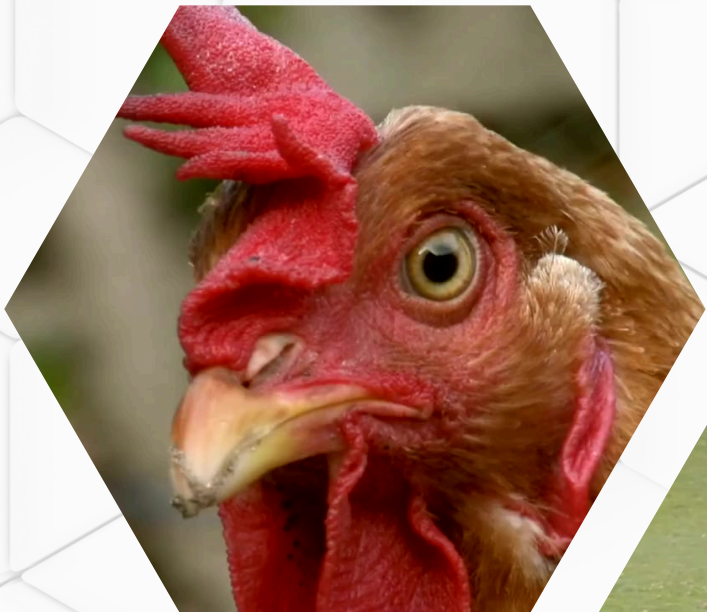


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DIVISION OF ANIMAL HEALTH CANADA

# **“L'enquête” Monthly Report April 2025**





# Research in action

## Publications involving CAHSS collaboration



**Salmonella Dublin in dairy cattle:  
Review of state of the science**



**A Systematic Review of Mathematical and  
Machine Learning Models of Avian Influenza  
(preprint)**



**Predicting Avian Influenza Hotspots in the U.S.  
Using Logistic Regression and Random Forest with  
Augmented Data via Empirical Distribution Method  
and Stochastic Variational Inference (preprint)**



**Stochastic modeling of the horse population and  
vaccination data indicates low annual vaccination  
coverage for West Nile virus in Canada (2016–2020).**

**2 External  
Presentations**

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# Metrics Apr 2025

**Disease  
Alerts - most  
viewed  
website page**

**4  
Network  
Meetings**

**9  
New  
members**

**2,100  
Users on  
website**



# April Network Meeting Highlights



## Dairy Network

- HPAI in dairy cattle, including US situational updates and ongoing Canadian surveillance
- Research projects in progress
- CAHSS Network priority-setting exercise



## Equine Network

- Equine traceability, including the Canadian Horse Identification Program (CHIP)
- Upward trends in equine vector-borne diseases



## Poultry Network

- Avian metapneumovirus in Canada
- HPAI in domestic poultry, wild birds, and mammals
- *Salmonella* surveillance



## Companion Animal Network

- HPAI in cats, including provincial testing strategies
- Rabies in wildlife in northern MB, ON, and QC

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# April 2025

**2 External  
presentations**

**Atlantic Veterinary College First Year Program Epidemiology  
Class - Highly Pathogenic Avian Influenza, evidence-based  
veterinary medicine, and introduction to CAHSS.  
Speaker: Dr. Murray Gillies**

**Centre for Coastal Health Animal Determinants of Emerging  
Disease Rounds  
Speaker: Dr. Victoria Ng**

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# Upcoming External Events

2025 Canadian Association of Veterinary Epidemiology and Preventive Medicine Conference - June 9-10, 2025, Calgary, Alberta

11th International Symposium on Avian Influenza - June 24-26, 2025, St. John's, Newfoundland

2025 Canadian Veterinary Medical Association Convention - June 25-29, 2025, Victoria, British Columbia

See more events [HERE!](#)



## EMERGENCY MANAGEMENT

PREVENTION | PREPARATION | RESPONSE | RECOVERY

- Our colleagues from the Emergency Management Division, in collaboration with Squeal on Pigs Manitoba and Manitoba Pork, hosted the very successful Canadian Wild Pig Summit II on April 29, 2025. The virtual event featured findings of wild pig monitoring programs and recommendations from Indigenous communities on the Canadian Invasive Wild Pig Strategy.

[Visit the Emergency Management Division website!](#)

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