

WELCOME TO BIG BUG DAY 2025



SHO Vision and Mission

Vision: Swine health excellence enables the Ontario industry to maintain a global competitive advantage

Mission: Continuous improvement in swine health management for Ontario producers through proactive, practical, and responsive plans that collaboratively engage the entire swine industry

SHO 2025 Leadership Team



Cam Farrell

Ontario Pork Representative,
Chair



Dr. Clint Lichty

DVM, Industry Representative,
Vice-Chair



Dr. Catherine Templeton

DVM, Industry Representative



Jessica Bickle

Industry Representative



Dr. Christa Arsenault

DVM, OMAFRA Ex-Officio
Representative



Frank Wood

Ontario Pork Ex-Officio
Representative



Bruce Hudson

Ontario Pork Representative



Dr. Meeka Capozzalo

PhD, OPIC Representative



Jessica Fox

MSc, Swine Health Ontario
Manager



Emma Payne

OPIC Managing Director



John Otten

OPIC Representative



Rich Goodhand

Industry Representative

SHO 2025 Highlights

Science & Technology Network

- Continues to provide brainstorming and feedback on areas of interest and gaps for potential research topics
- Last meeting resulted in:
 - 3 topics for Better Pork articles
 - 3 priority topics approved for the Ontario Pork research call for proposals
 - 6 topics redirected to other organizations or education opportunities



SHO 2025 Highlights

Science & Technology Network Sub-Committees

- Break Mitigation Fund Sub-Committee
 - How could industry provide some financial support for producers experiencing non-FAD disease breaks?
- PRRS Control Sub-Committee
 - Webinar hosted for veterinarians on the Danish PRRS Reduction Program (Dr. Nicolai Weber)



SHO 2025 Highlights

Science & Technology Network Sub-Committees

- Transport Design and Biosecurity Sub-Committee
 - University of Guelph research project on nano-coatings to improve ease of cleaning trailers
 - Partnering with Hamill APS on developing a prototype automated winter board washer (reduce labour requirements for wash crews)
 - Collaborating with CLTA on communicating pain points for trailer washing to trailer manufacturers



SHO 2025 Highlights

Join the Science & Technology Network!

- If you would like to be a part of S&T or any of the sub-committees, reach out to Jessica Fox jessica.fox@swinehealthontario.ca for more information
- Next meeting spring/summer 2026

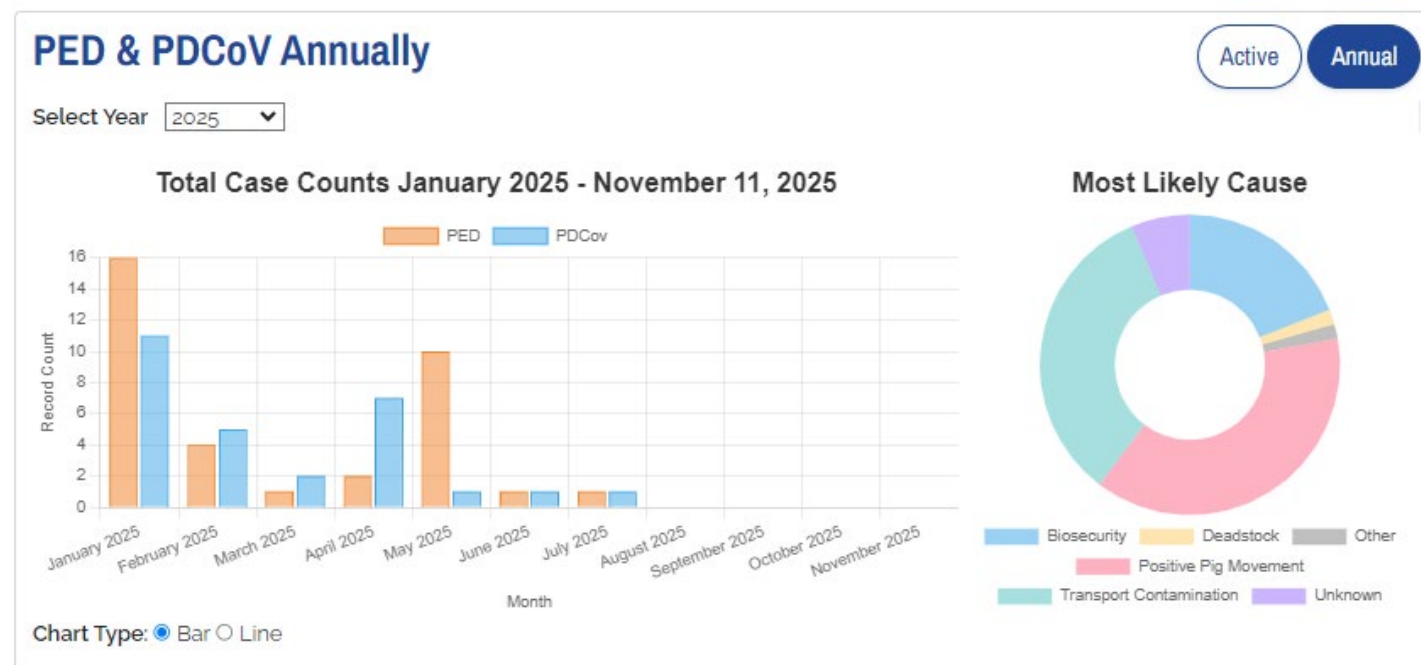
SHO 2025 Highlights

PED/PDCOV

- Updates to SHO PED/PDCOV Tracking

www.swinehealthontario.ca/Disease-Information/PED-PDCoV-Tracking-Map

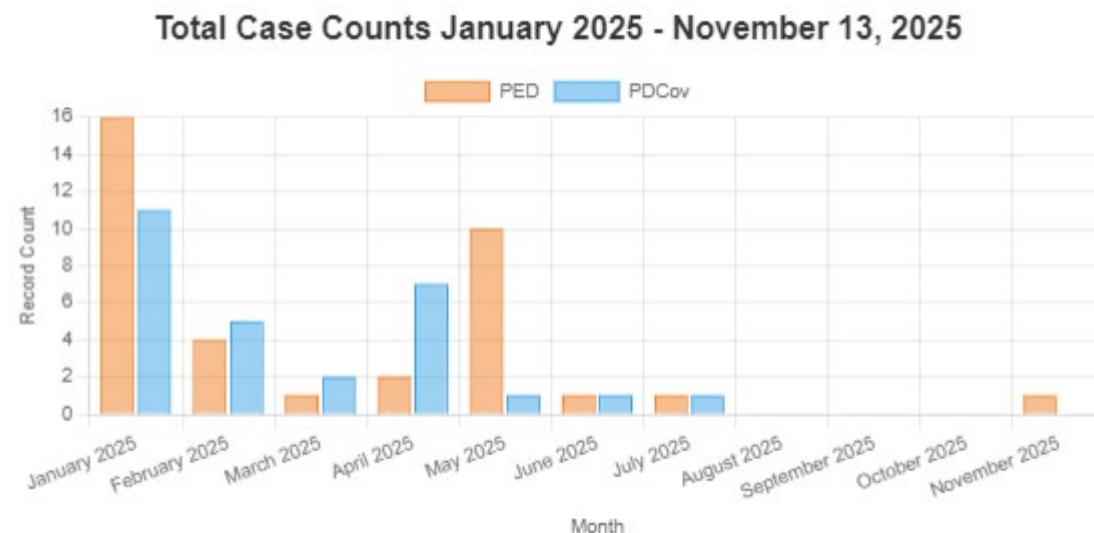
- New graphs and general information on most likely causes



SHO 2025 Highlights

PED/PDCOV

- Q1 2025 Outbreak Outreach
 - Vet working group
 - Disease Alert to producers
 - Webinar (over 100 attendees)
 - Direct contact with 14 commercial feed companies
 - Working sessions with livestock drivers and wash bay crews
 - Materials development (brochures, driver and wash crew info sheets, feed truck decals)



SHO 2025 Highlights

PED/PDCOV

- Awareness Week – Nov 24-28, 2025, let's get ahead of the season!
- Additional content added to the Biosecurity Page of the SHO website www.swinehealthontario.ca/Biosecurity

Biosecurity Resources

- ✓ Assembly
- ✓ General
- ✓ Government/Industry Associations
- ✓ Transportation

SHO 2025 Highlights

SHARC

- PRRS Genotype Comparison Reports
 - Available at no cost to SHARC enrolled producers for new PRRS break investigations
- Industry Partners
 - Launched modified, limited view option for industry partners (feed, transport) to make more informed biosecurity choices

UNIVERSITY
of GUELPH
LABORATORY SERVICES
Animal Health Laboratory

FINAL Report
Case# G25-038900
Reported: 2025-May-08

Submitted By:
Client ID: 1777978
SWINE HEALTH ONTARIO-SCIENCE & TECH.
SHO SCIENCE & TECH - SHARC PROJECT
655 SOUTHGATE DRIVE
GUELPH, ON N1G 5G6

Animal ID: Multiple
Species/Breed: Porcine, Domestic Pig
Commodity: Swine, other (not specified)

Phone: 519 767-4000
Specimen Received Date: 2025-May-08
Project #: SHARC
Specimen(s) received: SHARC database

SUBMISSION HISTORY
"null"

SHARC PRRSV Sequencing Database
Method ID: V-011
Date Authorized: 2025-May-08 10:07

SAMPLE ID	AHL ID	REFERENCE / % MATCH	RFLP	PREMISE ID	TESTING DATE	COUNTY	VET NAME	VET EMAIL
0001	25-009666-0002	Reference Sequence	1-1-1			Middlesex, County of		
0002	24-110937-0027	0.9967	1-1-1			Huron, County of		
0003	22-007959-0029	0.9867	1-1-1			Huron, County of		
0004	24-099659-0017	0.9818	1-1-1			Huron, County of		
0005	23-102822-0036	0.9818	1-1-20			Huron, County of		
0006	23-009294-0001	0.9801	1-1-1			Huron, County of		

SHO 2025 Highlights

Senecavirus

- Participating in:
 - Interprovincial coordination of efforts with the marketers to mitigate impacts of USDA detections in cull sows
 - Facilitation of veterinary working group with goal to determine seroprevalence in Ontario herd
 - More information to come later today!

Upcoming Projects in 2026

- Update to Trailer Wash Bay Capacity Report (including feed truck washing)
 - Supports Ontario Swine Incident Command Centre (OSICC) planning for foreign animal disease
- Trailer Wash Bay Design Guidelines
 - Reference document covering the best practices when building a new wash bay



**THANK YOU FOR
YOUR SUPPORT!**

