REPORT 49
JUL-SEPT 2026

Ontario Animal Health Network (OAHN)
Swine Network
Quarterly Producer/Industry Report

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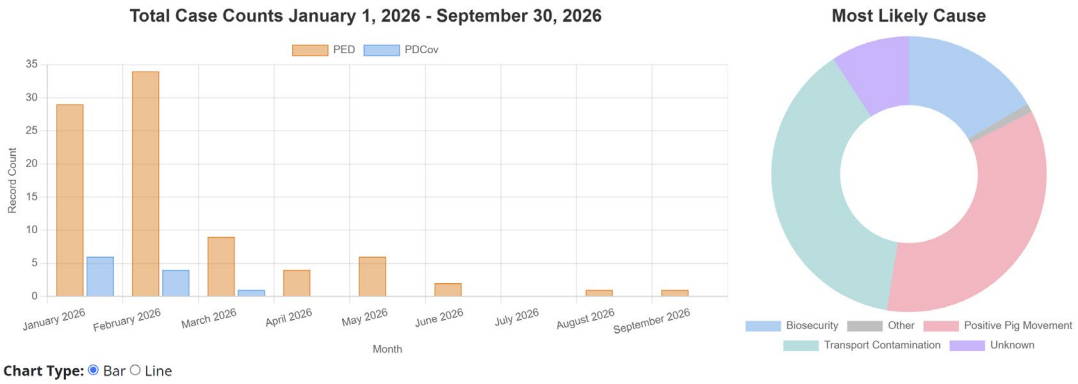
- FMD found in illegally imported Goat Meat in Japan
- New World Screwworm expands to Arizona, wildlife

Swine Health Ontario Update - Porcine Epidemic Diarrhea Virus (PED), Porcine Deltacoronavirus (PDCoV), and Trailer Surveillance Project

Jessica Fox provided an update from SHO. For **swine coronaviruses** this quarter, Q3 of 2026 was quiet. Only a few new cases were reported – one finisher barn in August, and one nursery-finisher in September. No specific cause of the outbreak was determined by the veterinarian for either case. Aside from these, the quarter was quiet, with most outbreaks from earlier quarters this year being cleaned up and returning to negative status.



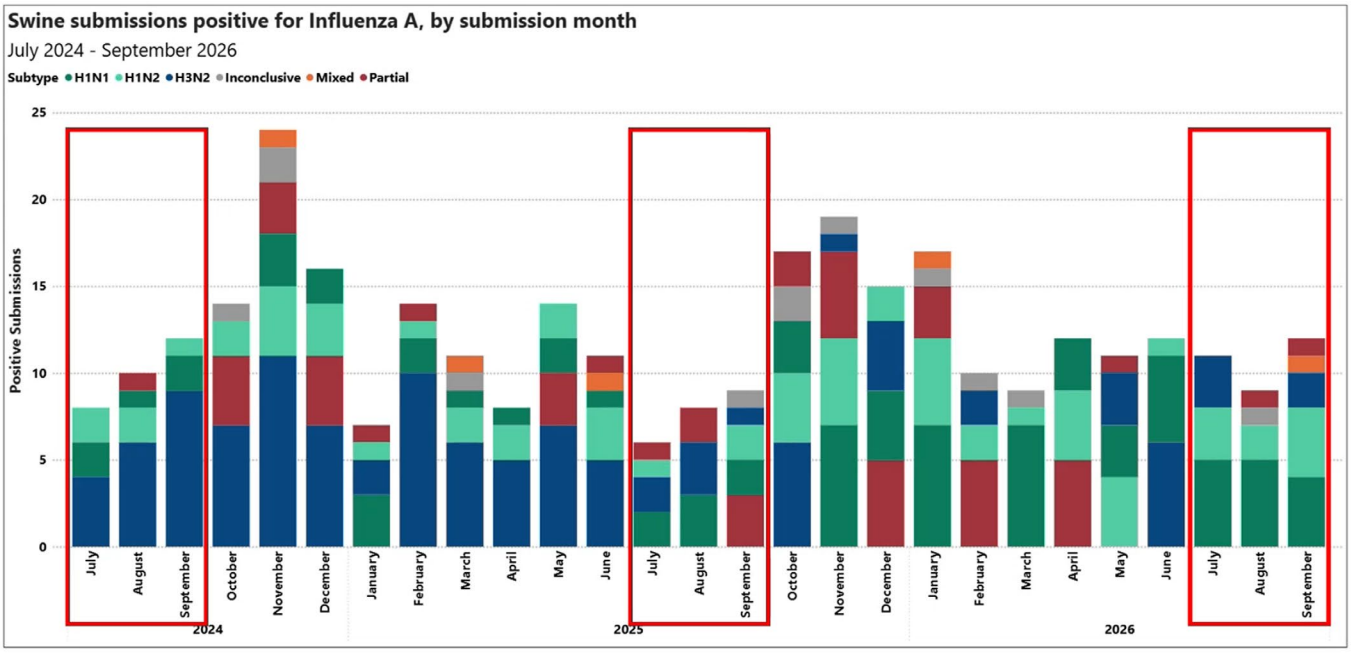
SHO's processing plant **PED/PDCoV surveillance project** has begun, and will monitor incoming market hog trailers for the coronaviruses. The goal of this project is to detect positive sites and implement intervention earlier to reduce transmission of these viruses in Ontario this winter. Results of the project will be updated to the project website weekly, available here: https://www.swinehealthontario.ca/Disease-Information/2026-2027-Trailer-PED-PDCOV-Surveillance-Project

SHO also recently hosted two **PED/PDCoV information meetings**, with reminders of best biosecurity practices transitioning into colder months of the year. It is important to keep biosecurity top of mind as we enter the higher risk period for coronavirus transmission. All industry members are reminded to stay vigilant with best biosecurity protocols as we enter Q4 and the winter months.

REMINDER: Big Bug Day event being hosted by SHO on Thursday December 3 in Stratford. This event will be covering various relevant industry topics, including discussions regarding Ontario strains of PRRS, as well as guest speaker Dr. Marisa Rotolo from the US National Pork Board to discuss the US National Swine Health Strategy. We hope to see you all there! Check it out here: **Big Bug Day Flyer**

Influenza A (IAV) in Swine

For Q3 of 2026, there were 32 positive submissions, compared to 24 in Q3 2025 and 30 in Q3 2024. Positive submissions were primarily of the H1N1 subtype (44% of total submissions), followed by H1N2 (28%) and then H3N2 (16%). By production stage, most detections this quarter were from sow site submissions, followed by grow-finish and nursery submissions. The majority of H1N1 detections this quarter were of the pandemic clade, most of the H1N2 submissions were of the alpha clade, and most H3N2 detections were clade 2010.1.



Senecavirus A (SVA) in Ontario

SHO and OAHN would like to encourage practitioners and producers to continue to monitor herds for clinical signs, as these can be extremely subtle. Older pigs tend to present with vesicular lesions on the snout and/or coronary band(s). **In a sow barn, infections can present as a very subtle scour**. If you have any suspicion that there may be SVA in your herd, please contact your vet and the CFIA for follow-up steps!

Producers and veterinarians in all provinces need to understand that lesions can be mild and hard to notice in some animals. Diligence is required to check all animals for SVA type lesions including blisters, ulcers on the snout, ears, face, on the coronary band or between the claws on the feet before shipping them for slaughter, cull markets and/or directly for export to the USA.



OAHN Projects

New Project, 3 Projects now Accepting Samples!

Dr. Rebecca Egan (eganr@uoguelph.ca) and Dr. Kristen Reynolds (kristen.reynolds2@ontario.ca) provided updates on the current OAHN projects. Please contact them with any questions!

PCV-2 Testing and Typing Project

This project aims to assess the prevalence of PCV2 types in the Ontario herd, specifically with respect to various subtypes. **The project is still accepting submissions!** Ask your veterinarian to participate if interested! Don't miss out on this free diagnostic testing!

55 cases tested to date:

- PCV2a: 11 cases (20%)
- PCV2d: 30 cases (54.5%)
- PCV2e: 1 case (1.8%) *Subtype e has been detected at the AHL in 10 cases since 2010
- Un-typable: 11 cases (20%, due to concurrent detection with PCV-1)
- Too weak to type: 2 (3.7%)

Porcine Sapovirus Project

This project aims to provide a better understanding of how Sapovirus contributes to neonatal diarrhea cases, especially amongst other common pathogens. **The project is still accepting submissions.** Ask your veterinarian to participate if interested! Don't miss out on this free diagnostic testing!

24 cases tested to date:

- Case type: 17 field necropsy, 4 AHL PM, 3 live pig (83 pigs total)
- 15/24 (62.5%) sapovirus positive, 3/24 inconclusive (12.5%), and 6/24 (25%) negative
- Almost all positive/inconclusive sapovirus-PCR positive cases have co-infection with rotavirus
- One submission with demonstrated atrophic enteritis is positive for sapovirus and negative for rotaviruses
- No cases positive for porcine coronaviruses (PEDv, TGEV, PDCOv)
- Two submissions positive fecal floats (*Isospora suis*)

- Additional testing to be performed to assess for presence/distribution of virus in intestinal lesions

NEW! OAHN Swine Parasitology Project:

The OAHN Swine Network is extremely excited to launch their newest project, the Swine Parasitology and Deworming project. The goal of this project is to gain insight into ascarid burden on Ontario swine farms, as well as to assess deworming product effectiveness and value.

- **Eligibility: Swine sites with breeding stock (sows, gilts) and/or grower-finisher pigs are eligible to participate in this project**
- Participating farms will submit fecal sample(s) for testing
- This project will cover the cost of the fecal testing and materials
- Please speak to your veterinarian if you are interested in participating!



International Disease Topics Of Interest Summary

Foot and Mouth Disease Detected in Imported Goat Meat in Japan

In January 2026, quarantine officers at New Chitose Airport in Hokkaido intercepted raw goat meat carried by a traveler arriving from Beijing, China, and laboratory testing confirmed it contained infectious foot-and-mouth disease virus (FMDV), marking the first detection of FMDV in animal products seized at Japan's border. The meat was prevented from entering the country and no domestic livestock infections occurred, but when the Ministry of Agriculture, Forestry and Fisheries announced the finding on 10 September 2026, it warned that the risk of introducing the virus into Japan was extremely high and emphasized the need for stronger quarantine measures. Japan has remained free of FMD since its devastating 2010 outbreak in Miyazaki Prefecture, during which approximately 300,000 cattle and pigs were culled.

This is a reminder of the risks of bringing meat products home from travels to high-risk areas, and the potential for foreign animal disease spread in this manner.

New World Screwworm (NWS)

New World screwworm (NWS, *Cochliomyia hominivorax*) is a parasitic fly whose larvae (maggots) feed on the living tissue of warm-blooded animals. NWS activity continues in Mexico and the southern United States, with new detections in Texas, New Mexico, as well as Arizona's first case confirmed in a dog in Cochise County, prompting establishment of an infested zone and enhanced control measures. Of particular concern, U.S. authorities confirmed the first-ever detection of NWS in wildlife, identified in an elk harvested in Texas, leading to expanded surveillance efforts and renewed reminders for hunters to report suspicious wounds or maggot infestations in harvested animals. Meanwhile, Canada continues to restrict imports of susceptible live animals from affected U.S. states.

African Swine Fever

African swine fever (ASF) activity declined across Europe during Q3, although outbreaks continued in domestic pigs, particularly in Romania, which reported its first commercial farm outbreak in nearly two years, while Serbia experienced substantial losses with more than 36,000 pigs dead or culled. Finland and Spain remain affected only in wild boar populations; Finland expanded control measures after new detections outside the existing zone, and Spain has reported about 400 infected wild boar as it enters the final stage of eradication. Elsewhere, the Philippines launched commercial sales of its first ASF vaccine, and South Sudan reported its first-ever ASF outbreak on a farm in Yambio.

Porcine astrovirus type 4

Porcine astrovirus type 4 (PoAstV-4) is a common respiratory virus that can damage the airways of pigs, yet there is currently no commercial vaccine available. Research in a high-health breed-to-finish herd found that infection commonly occurred before weaning, with half of piglets testing positive at 3 weeks of age and identified a potential immunity gap at 9-12 weeks of age when maternal antibodies decline before pigs develop strong active immunity. Because viral shedding remained high through finishing, producers should be aware of this vulnerable period and continue to emphasize strong farrowing room management, pig flow, and biosecurity practices while future vaccination or acclimation strategies are being explored.

How can you Participate in OAHN?

Share the information contained within this report with others involved in the swine industry and with other swine producers.
Help us spread the word!
Ask your veterinarian for more information about topics included in this report

Contact Us!

Website: www.oahn.ca
Email: oahn@uoguelph.ca
Twitter: @OntAnHealthNet
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References

For full list of references please refer to web version:

https://tinyurl.com/4z7m3yxe

Meet your OAHN Swine Network Team:

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