

Situation Update: #16 6/2/2022

Note on content presented in this update:

Details disclosed here will be updated on BOAH's website after test results are confirmed at the USDA National Veterinary Services Laboratory.

This policy will keep BOAH's website consistent with USDA's reporting and to avoid impacting international trade.

State of Indiana Response to Highly Pathogenic Avian Influenza

Note: New information is highlighted in BOLD ITALIC type.

STATEWIDE SUMMARY:

COMMERCIAL POULTRY FLOCKS:

Total number of affected premises = 10

Premises by County/Number of flocks:

Dubois: 4 flocks: Control areas lifted

Greene: 2 flocks: Control areas lifted

Elkhart: 3 flocks: Control areas lifted

Allen: 1 flock: Control area in place

Total number of birds affected in Indiana:

Commercial Turkeys: 171,224

Commercial Ducks: 17,179

NON-POULTRY (HOBBY) FLOCKS

Total number of affected premises = 2

Johnson: 1 flock: Surveillance zone lifted

Allen: 1 flock: Surveillance zone in place

CURRENT SITUATION

On June 2, birds from a small flock in Allen County tested presumptive-positive for the H5 avian influenza virus at the Indiana Animal Disease Diagnostic Laboratory (ADDL). Samples were forwarded to the national USDA laboratory for confirmatory testing, with results expected within the next few days. The small flock (Allen2) was reported to the Healthy Birds Hotline by the owner, who noticed unexplained death of eight birds in less than 24 hours.

While Allen2 is comprised of approximately 100 birds of mixed species maintained at a residence, the flock is classified as a commercial poultry operation based upon the definition set forth by the World Organization for Animal Health (WOAH; formerly OIE). The owner supplies table eggs to some households.

A 10-km control area must be established around the flock and the associated protocols must be followed, including quarantines and permitted movements.

HOBBY/BACKYARD FLOCK SURVEILLANCE: *Testing of nearby flocks is important to verifying the virus has not spread in the area. BOAH staff will be reaching out to poultry owners within the control area to schedule testing as part of required area surveillance.*

WILD BIRD SURVEILLANCE: *USDA Wildlife Services and Indiana Department of Natural Resources are assisting with surveillance of wild birds in and near the control areas. Nearly 300 samples from wild bird species have been tested. Positive test results have been identified in two bald eagles, two red-tailed hawks, a redhead duck, two great-horned owls, and a double-crested cormorant collected in Indiana.*

PROGRESS REPORT: *All but one of the quarantines on the first nine commercial farms in Indiana have been lifted. All nine flocks have completed required virus elimination activities and observed a fallow period. The farms are being cleared to restock at the owner's discretion once BOAH receives negative laboratory results for environmental testing.*

The two non-poultry (backyard/hobby) flocks remain under quarantine until dates in September and October, after following 150-day fallow period.

While the HPAI situation in Indiana is winding down, owners of poultry flocks (large and small) are reminded to be vigilant in maintaining high levels of biosecurity and observing their birds for signs of illness. Nationally, the HPAI situation remains active with nearly 100 control areas still in effect. The virus has been identified on more than 350 premises in 36 states.

BACKGROUND

On Feb. 9, 2022, a confirmed case of H5N1 (with a Eurasian H5 goose/Guangdong lineage) highly pathogenic avian influenza (HPAI) was identified in a commercial flock in Dubois County with 29,000 turkeys (known as Dubois 1). This is the first report of HPAI in commercial poultry in the United States since 2020 and the first in Indiana since 2016. Quarantine was lifted.

On Feb. 15 laboratory testing of a second commercial flock of turkeys in Dubois County has identified the H5 avian influenza virus (known as Dubois2). Upon confirmation of HPAI, the 26,473 turkeys in the flock were depopulated to prevent the spread of the disease in the area. Quarantine was lifted.

On Feb. 17, laboratory testing of a commercial flock of turkeys in Greene County has identified the H5 avian influenza virus (known as Greene1). A total of 48,000 turkeys in the flock were depopulated. Quarantine was lifted.

On Feb. 18, laboratory testing identified H5 avian influenza (AI) in a commercial turkey flock in Greene County (known as Greene2). A total of 15,400 turkeys were depopulated. Quarantine was lifted.

On Feb. 22, laboratory testing identified H5 AI in commercial turkeys in Dubois County (Dubois3) about 2.5 miles west of Dubois1. H5N1 was subsequently confirmed by NVSL on Feb. 24. A total of 35,908 turkeys were depopulated. Quarantine was lifted.

On March 1, laboratory testing identified H5 AI in commercial turkeys in Dubois County (Dubois4) about 6/10-mile from Dubois1. Quarantine was lifted.

On April 7, a commercial duck flock in Elkhart County has tested presumptive-positive for the H5N1 avian influenza virus. The flock, known as Elkhart 1, had 4,679 ducks. Quarantine was lifted.

On April 12, a second commercial duck flock in Elkhart County tested positive for the H5N1 avian influenza virus. The flock, known as Elkhart2, had 6,379 ducks. Quarantine was lifted.

On April 18, a commercial duck flock in Elkhart County has tested presumptive-positive for the H5N1 avian influenza virus. The flock, known as Elkhart3, has an estimated 6,500 ducks (more information to come as the situation develops). Control area was lifted on May 5; quarantine of site remains intact.

On April 25, a NON POULTRY flock in Johnson County has tested presumptive-positive for the H5N1 avian influenza virus. This finding is notable as this is the first flock in Johnson County. The small hobby flock comprised of chickens, ducks and peafowl has been depopulated.

On May 19, a small NON POULTRY flock in Allen County (Allen1) was confirmed positive for H5N1. The flock is located in Allen County (referred to as Allen1). Nearly all of the flock had died, motivating the owner to call the Healthy Birds Hotline. Remaining birds in the flock were depopulated.

RESPONSE

As part of existing avian influenza response plans, federal and state partners are working jointly on additional surveillance and testing in areas around the affected flocks. The United States has the strongest AI surveillance program in the world, and USDA is working with its partners to actively look for the disease in commercial poultry operations, live bird markets and in migratory wild bird populations.

BOAH is working with multiple state and federal partners to respond to this event, including Indiana Department of Health, Indiana Department of Homeland Security, Indiana Department of Natural Resources, Indiana Department of Environmental Management, and USDA Veterinary Services, Wildlife Services and Farm Service Agency.

PUBLIC ADVISORIES

Food Safety

Avian influenza *does not present a food safety risk*; poultry and eggs are safe to eat. Officials are not aware of any public health significance with this virus. No cases of human infection have been reported. Human health agencies will be monitoring workers and others in contact with birds to monitor for influenza-like illness.

Animal Health

Hobby poultry owners are encouraged to be aware of the signs of avian influenza and report illness and/or death to the **USDA Healthy Birds Hotline: 866-536-7593**. Callers will be routed to a state or federal veterinarian in Indiana for a case assessment. Dead birds should be double-bagged and refrigerated for possible testing.

Signs include: sudden death without clinical signs; lack of energy or appetite; decreased egg production; soft-shelled or misshapen eggs; swelling or purple discoloration of head, eyelids, comb, hocks; nasal discharge; coughing; sneezing; lack of coordination; and diarrhea. A great resource for backyard bird health information is online at: www.aphis.usda.gov/aphis/ourfocus/animalhealth/animal-disease-information/avian/defend-the-flock-program/df-resources/df-resources.

Situation updates and status reports about ongoing avian influenza activities, along with critical disease-related information, will be posted online at: <https://www.in.gov/boah/species-information/avianbirds/highly-pathogenic-avian-influenza/>. Users may subscribe to email and/or text updates on a subscribe link at that page.

Wild Bird Health

Wild bird species most likely to carry HPAI, waterbirds and raptors, do not typically visit bird feeders.

If people see sick or dead songbirds, Indiana Department of Natural Resources recommends:

1. Clean bird feeders by removing all debris and scrubbing them clean (while wearing gloves to prevent Salmonella infection); soak the feeders in a diluted bleach solution no stronger than 1 part bleach to 9 parts water; then rinse and dry feeders completely before adding food.
2. Keep bird feeders down until sick birds are no longer seen.
3. Once the feeders are back up, monitor the area for additional sick birds.
4. Report any additional sick or dead birds through DNR's online sick and dead wildlife reporting system: <https://www.in.gov/dnr/fish-and-wildlife/wildlife-resources/wildlife-diseases-inindiana/sick-or-dead-wildlife-reporting/>

More information about avian influenza and wild birds: <https://www.in.gov/dnr/fish-and-wildlife/wildlife-resources/wildlife-diseases-in-indiana/avian-flu-bird-flu/>

Human Health

Recent detections of highly pathogenic avian influenza A H5N1 viruses (H5N1 bird flu) in wild birds and poultry pose a low risk to the health of the general public; however, rare human infections are possible. Human infections are most likely to be rare and happen in people with recreational or occupational exposures involving prolonged, unprotected close contact with infected birds or contaminated environments. CDC is taking routine preparedness measures to be ready in case human infections with these viruses happen. IDOH offers the following guidance documents for poultry growers and emergency responders to protect their health:

- [Indiana Department of Health Avian Flu Producer Information](#)
- [Indiana Department of Health Avian Flu Post-Exposure Information](#)

The Indiana Department of Health and the local health departments (LHD) have been monitoring people who have been exposed to test-positive birds for signs of influenza-like illness. To date, none had evidence of infection or illness associated with AI virus.

Mental Health

Community members who are affected by this animal health emergency are to be aware of the possible impact on their mental health and to seek assistance if needed. Available resources include:

- Lifespring Health Systems: *For individuals local to Jasper, IN*; provides support/crisis counseling to the famers and workers on staff of farms affected.
 - Call 812-482-3030
- Be Well Indiana: Feeling overwhelmed, stressed, anxious or alone? Call this free, confidential resource available 24/7 to anyone in the state of Indiana.
 - Call 2-1-1 and enter your ZIP code.
 - Follow the prompts and select number 3 for the Be Well Crisis Helpline.
- Farm Aid: This organization connects farmers with helpful services, resources and opportunities specific to their individual needs. Call the Farmer Hotline for immediate assistance Monday through Friday from 9:00 AM to 10:00 PM Eastern time.
 - Call 1-800-FARM-AID (1-800-327-6243).
- National Suicide Prevention Lifeline: Provides 24/7, free and confidential support for people in distress, as well as prevention and crisis resources for you or your loved ones.
 - Dial 9-8-8 or call 1-800-273-TALK (1-800-273-8255).

ABOUT INDIANA POULTRY PRODUCTION

Indiana is a leading producer of poultry, eggs and poultry products. Nationally, Indiana ranks number 1 in production of ducks, second in layer chickens and table eggs, and third in turkeys, as well as a major producer of broilers. Dubois County is Indiana's leading turkey-producing county.

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Ongoing/Latest Updates:

Updates are available online at: <https://www.in.gov/boah/species-information/avianbirds/highly-pathogenic-avian-influenza/> Visit that webpage to subscribe for updates delivered via text and/or email by clicking the red "subscribe" icon at the top.

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