

Student Exercise

EIDSS ID

Farm ID

Report ID

Scenario

Local veterinarians in the Alaverdi village have seen several cases of Newcastle disease over the last three months. On 9 September 2018, you made a visit to an avian farm in Alaverdi, at Tamari St in Akhmeta rayon of Kakheti to investigate a potential Newcastle case. The farm has one flock of chickens and ducks and another flock of chickens. In the previous two days, birds had become depressed with droopy wings, wattles were swollen, and the owner, Paata Bakradze, noticed greenish diarrhea. Of the initial 36 chickens and 24 ducks, 22 chickens and 2 ducks have died, and of the remaining animals, 12 chickens and 6 ducks are sick. Both chickens and ducks were vaccinated against Newcastle disease within the last month. While on the farm, you take blood samples from sick chickens and ducks and a tracheal swab from a dead chicken. The farm owner exhibits no symptoms of a cold. You suggest isolating all sick birds and properly disposing of dead animals.

1. Before you can enter a farm record and subsequent disease report, you'll need to create a person record for the farm owner.
2. After submitting the person record, you realize that the phone number was entered incorrectly. Using the person search, locate the record and make the necessary revisions.
3. With the person record completed, you can now enter a farm record for the Bakradze Farm, where Paata Bakradze is the farm owner. The location for the farm and homestead are the same.
4. Add a new avian disease report to the Bakradze Farm record for a probable case of Newcastle disease, using the information collected during your farm visit.
5. The day after creating the initial avian disease report, you receive a notice that a rayon human epidemiologist entered an influenza-like disease report for a member of the farm owner's family. View a read-only version of this human disease report to see if it contains information pertinent to your investigation.
6. Two days after entering the avian disease report, the lab reports confirm that the chickens and ducks were infected with Newcastle disease virus. Additionally, test results for Avian Influenza were negative. Depopulation and proper disposal of the chickens and birds are required. Search for and edit the avian disease report to include this action.
7. The ducks on the farm also tested positive for salmonellosis. Return to the initial avian disease report, add these test results, and create a connected disease report.
8. Complete the exercise by deleting the avian disease report and the farm record.