Follow-up report No.1

Report Summary

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Date submitted to OIE: 08/03/2017

Report Summary

Animal type: Terrestrial
Date of report: 08/03/2017

Disease: Highly pathogenic avian influenza
Date of start of the event: 01/03/2017

Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 04/03/2017

Serotype(s): H7N9
Date of last occurrence: 2016

Reason: Reoccurrence of a listed disease
Diagnosis: Laboratory (advanced)

Country or zone: a zone or compartment
Clinical signs: Yes

Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

State | Number of outbreaks | County | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- |
TENNESSEE | other report - submitted | Lincoln | Farm | Lincoln County | 35.132 | -86.567 | 01/03/2017 | |

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 74000 | 700 | 73300 | 0 |

Affected Population: Commercial chicken broiler-breeder flock

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- |
Birds | 74000 | 700 | 73300 | 0 |

Epidemiology

Epidemiological comments

The USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with the Tennessee Department of Agriculture, are continuing to respond to the identification of a highly pathogenic avian influenza (HPAI) H7N9 of North American wild bird lineage based on full genome sequence analysis in a chicken broiler breeder flock. All eight gene segments of the virus are North American wild bird lineage. This is NOT the same as the China H7N9 lineage that has impacted poultry and infected humans in Asia. Although the subtypes are the same (H7N9) the virus detected in the United States is a very different virus, genetically distinct from the China H7N9 lineage. A comprehensive epidemiological investigation in the surrounding area is continuing and enhanced surveillance and testing has begun. The first round of testing of all commercial poultry premises in a 10 mile (16 kilometer) surveillance zone has been completed with all results negative for avian influenza virus.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied | To be applied
--- | ---
• movement control inside the country | • disinfection / disinfestation
• quarantine | |
• surveillance outside containment and/or protection zone | |
• stamping out | |
• official disposal of carcasses, by-products and waste | |
• surveillance within containment and/or protection zone | |
• zoning | |

Animals treated

No | Vaccination Prohibited
| Yes

Diagnostic test results

Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result
--- | --- | --- | --- | --- | ---

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<table>
<thead>
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<th>Laboratory Type</th>
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**Future Reporting**

The event is continuing. Weekly follow-up reports will be submitted.