

## Immediate notification report

Report reference: REF OIE 23139, Report Date: 06/03/2017, Country : United States of America

### Report Summary

|                                     |   |                              |                                 |
|-------------------------------------|---|------------------------------|---------------------------------|
| <b>Name of sender of the report</b> | Dr. Stan Bruntz   | <b>Telephone</b>             | 970 494 7246                    |
| <b>Position</b>                     | Science, Technology and Analysis Services (STAS)          | <b>Fax</b>                   | 970 494 7174                    |
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|                                     | Fort Collins, Colorado 80526-8117 Fort Collins 80526-8117 | <b>Date submitted to OIE</b> | 06/03/2017                      |

|                                     |   |  |                       |
|-------------------------------------|---|--|-----------------------|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 06/03/2017            |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 01/03/2017            |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 04/03/2017            |
| <b>Serotype(s)</b>                  | H7                                      | <b>Date of last occurrence</b>           | 2016                  |
| <b>Reason</b>                       | Reoccurrence of a listed disease        | <b>Diagnosis</b>                         | Laboratory (advanced) |
| <b>Country or zone</b>              | a zone or compartment                   | <b>Clinical signs</b>                    | Yes                   |
| <b>Number of reported outbreaks</b> | submitted= 1, Draft= 0                  |  |                       |

### Outbreak details

| State                                | Number of outbreaks                      | County      | Unit Type | Location       | Latitude  | Longitude   | Start Date | End Date: |
|--------------------------------------|--|-------------|-----------|----------------|-----------|-------------|------------|-----------|
| TENNESSEE- (this report - submitted) | -  | Lincoln     | Farm      | Lincoln County | 35.132    | -86.567     | 01/03/2017 |           |
| Species                              | Measuring units                          | Susceptible | Cases     | Deaths         | Destroyed | Slaughtered |            |           |
| Birds                                | Animals                                  | 73500       | ...       | 700            | 72800     | 0           |            |           |
| Affected Population                  | Commercial chicken broiler-breeder flock |             |           |                |           |             |            |           |

### Outbreak summary: Total outbreaks = 1 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds   | 73500       |       | 700    | 72800     | 0           |

### Epidemiology

#### Epidemiological comments

As part of existing avian influenza response plans, the USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with the Tennessee Department of Agriculture, are responding to the identification of a highly pathogenic avian influenza (HPAI) H7 of North American wild bird lineage detection in a chicken broiler breeder flock. Further virus characterization including N-type is pending. This is the first confirmed case of HPAI in commercial poultry in the United States this year. A comprehensive epidemiological investigation in the surrounding area has begun along with enhanced surveillance and testing. State officials have quarantined the affected premises and implemented movement controls. Depopulation of birds on the premises has been completed.

#### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

### Measures applied

| Applied  | To be applied  |
|--|--|
| <ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• quarantine</li> <li>• surveillance outside containment and/or protection zone</li> <li>• stamping out</li> <li>• surveillance within containment and/or protection zone</li> <li>• zoning</li> </ul> | <ul style="list-style-type: none"> <li>• disinfection / disinfestation</li> <li>• official disposal of carcasses, by-products and waste</li> </ul> |
| Animals treated  | Vaccination Prohibited   |
| No   | Yes  |

### Diagnostic test results

| Laboratory Type     | Name of Laboratory                               | Species | Test Type        | Date results provided | Result   |
|---------------------|--|---------|------------------|-----------------------|----------|
| National laboratory | National Veterinary Services Laboratories (NVSL) | Birds   | virus isolation  |                       | Pending  |
| National laboratory | National Veterinary Services Laboratories (NVSL) | Birds   | virus sequencing | 04/03/2017            | Positive |

### Future Reporting



## Outbreak maps

