**Immediate notification report**


### Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr. Stan Bruntz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>Science, Technology and Analysis Services (STAS)</td>
</tr>
<tr>
<td>Address</td>
<td>2150 Centre Ave, Bldg B Fort Collins, Colorado 80526-8117 Fort Collins 80526-8117</td>
</tr>
<tr>
<td>Date submitted to OIE</td>
<td>06/03/2017</td>
</tr>
</tbody>
</table>

### Animal type

- Terrestrial

### Disease

- Highly pathogenic avian influenza

### Causal Agent

- Highly pathogenic avian influenza virus

### Serotype(s)

- H7

### Reason

- Reoccurrence of a listed disease

### Country or zone

- State: TENNESSEE- (this report - submitted)
  - County: Lincoln
  - Location: Farm
  - Latitude: 35.132
  - Longitude: -86.567
  - Start Date: 01/03/2017
  - End Date: 01/03/2017

### Species

- Birds: 73500

### Species

- Measuring units: Animals

### Species

- Susceptible cases: 700

### Species

- Deaths: 72800

### Species

- Destroyed: 0

### Species

- Slaughtered: 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**

- **To be applied**
  - disinfection / disinestation
  - official disposal of carcasses, by-products and waste

### Animals treated

- Vaccination Prohibited

### Diagnostic test results

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>National Veterinary Services Laboratories (NVSL)</td>
<td>Birds</td>
<td>virus isolation</td>
<td>Pending</td>
<td></td>
</tr>
<tr>
<td>National laboratory</td>
<td>National Veterinary Services Laboratories (NVSL)</td>
<td>Birds</td>
<td>virus sequencing</td>
<td>04/03/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

Printed on: Mon Mar 6 18:32:45 CET 2017
The event is continuing. Weekly follow-up reports will be submitted.