**Report Summary**

**Name of sender of the report**  
Dr. Rebecca Jones  
**Telephone**  
1 (970) 494-7196  
**Position**  
VS-SP-CEAH Epidemiologist  
**Fax**  
Email  
Rebecca.D.Jones@usda.gov  
**Address**  
2150 Centre Ave, Bldg B Fort Collins, Colorado  80526-8117  
**Date submitted to OIE**  
05/08/2020

**Animal type**  
Terrestrial  
**Date of report**  
05/08/2020

**Disease**  
Highly pathogenic avian influenza  
**Date of start of the event**  
06/04/2020

**Causal Agent**  
Highly pathogenic avian influenza virus  
**Date of confirmation of the event**  
08/04/2020

**Serotype(s)**  
H7N3  
**Date of last occurrence**  
11/08/2017

**Reason**  
Recurrence 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

<table>
<thead>
<tr>
<th>State</th>
<th>Number of outbreaks</th>
<th>County</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Carolina-other report - submitted</td>
<td>-</td>
<td>Chesterfield</td>
<td>Farm</td>
<td>Chesterfield County</td>
<td>34.735</td>
<td>-80.076</td>
<td>06/04/2020</td>
<td>28/05/2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>34160</td>
<td>...</td>
<td>1583</td>
<td>32577</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**  
Commercial meat-type turkey flock

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

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<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
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<td></td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

5 Aug 2020 update: The USDA Animal and Plant Health Inspection Service (APHIS) and South Carolina State Veterinarian’s Office, part of Clemson University Livestock Poultry Health (CULPH) responded swiftly to the single case of HPAI H7N3 and conducted a comprehensive epidemiological investigation of this incident. The last and only confirmed detection of HPAI H7N3 in poultry was made on April 8, 2020.

In addition to having no further HPAI detections, the state of South Carolina has met the following:

- Mandatory surveillance in the State and control areas has been completed with negative results for HPAI. As a precaution, additional enhanced surveillance and procedures may continue in the State and area.
- Depopulation of the infected premises has been completed and appropriate disposal was completed.
- Cleaning and disinfection of the infected premises (including, but not limited to, outside areas, equipment, trucks, and other fomites) has been completed.
- All routine and enhanced surveillance samples have tested negative for avian influenza. No HPAI has been detected in over 3 months.

The H7N3 HPAI incident in South Carolina is now final, closed, and resolved.

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

- Unknown or inconclusive

**Measures applied**

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>movement control inside the country</td>
<td>* no planned control measures</td>
</tr>
<tr>
<td>surveillance outside containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>surveillance within containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>quarantine</td>
<td></td>
</tr>
<tr>
<td>official disposal of carcasses, by-products and waste</td>
<td></td>
</tr>
<tr>
<td>stamping out</td>
<td></td>
</tr>
<tr>
<td>zoning</td>
<td></td>
</tr>
<tr>
<td>disinfection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Animals treated</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Future Reporting**

The report and all its outbreaks have been resolved.