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Date submitted to OIE: 09/04/2020

Animal type: Terrestrial
Date of report: 09/04/2020

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

Causal Agent: High pathogenic avian influenza
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

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<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- (this 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></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

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OUTBREAK SUMMARY: Total outbreaks = 1 (Submitted)

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EPIDEMIOLOGY

Epidemiological comments:
Highly pathogenic avian influenza (HPAI) H7N3 was confirmed on one commercial meat-type turkey premises in Chesterfield County, South Carolina. Clinical signs included respiratory signs, snicking, and increased mortality. State officials have quarantined the affected premises and depopulation of birds has been completed. Movement controls have also been implemented.

This is the first confirmed case of HPAI in commercial poultry in the United States this year.

The premises has an epidemiological link to another South Carolina premises affected recently by Low pathogenic avian influenza (LPAI) H7N3.

The USDA Animal Plant Health Inspection Service (APHIS) and South Carolina State Veterinarian’s Office, part of Clemson University Livestock Poultry Health (CULPH), continue conducting a comprehensive epidemiological investigation and enhanced surveillance already underway in the area.

Source of the outbreak(s) or origin of infection:
- Unknown or inconclusive

Measures applied:
- movement control inside the country
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone
- quarantine
- official disposal of carcasses, by-products and waste
- stamping out
- zoning
- disinfection

Animals treated:
- Vaccination Prohibited

Diagnostic test results:
- Yes

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<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</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>08/04/2020</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>National Veterinary Services Laboratories</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>08/04/2020</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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