Follow-up report No.1 (Final report)


Report Summary

Name of sender of the report: Dr John Clifford
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Date submitted to OIE: 10/11/2016

Animal type: Terrestrial
Date of report: 10/11/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 12/08/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 25/08/2016
Serotype(s): H5N2
Date of last occurrence: 24/03/2016
Reason: Reoccurrence of a listed disease
Country or zone: a zone or compartment
Clinical signs: No
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>ALASKA-other report</td>
<td>submitted</td>
<td>Fairbanks North Star Borough</td>
<td>Not applicable</td>
<td>Fairbanks North Star Borough</td>
<td>64.756</td>
<td>-146.49</td>
<td>12/08/2016</td>
<td>10/11/2016</td>
</tr>
</tbody>
</table>

Species

- Mallard:Anatidae(Anas platyrhynchos)

Affected Population: Wild mallard duck

Outbreak summary: Total outbreaks = 1 (Submitted)

Species

- Mallard

Epidemiology

Epidemiological comments

The detection of HPAI H5N2 was from a wild mallard duck that was collected during a live bird banding program at a wildlife refuge in Alaska.

Genome sequencing results showed that the Alaska isolate is an Eurasian/American (EA/AM) H5N2 HPAI strain. The complete genome (8/8 gene segments) was >99% similar to A/Northern/Washington/40964/2014 H5N2 HPAI.

To date, this is the only detection of HPAI in a wild bird this year. This detection of HPAI (EA/AM) H5N2 virus in a wild bird was NOT associated with any commercial poultry in the United States.

Source of the outbreak(s) or origin of infection

• Contact with wild species

Measures applied

No Control Measures

Animals treated

- Vaccination Prohibited

Future Reporting

The report and all its outbreaks have been resolved.