Follow-up report No.1


Report Summary

Name of sender of the report: Dr Nicholas Kauta
Phone: (256-414) 320 627
Fax: (256-414) 321 255
Email: nicholaskauta@yahoo.co.uk

Date submitted to OIE: 27/01/2017

Animal type: Terrestrial

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)

Causal Agent: Highly pathogenic influenza A virus

Serotype(s): H5N8

Country or zone: a zone or compartment

Number of reported outbreaks: submitted= 2, Draft= 0

Outbreak details

District: Masaka-other report - submitted
Sub county: Bukakata
Parish: Bukibanga
Unit Type: Village
Location: Kachanga
Latitude: 0.3117352
Longitude: 32.0024871
Start Date: 02/01/2017
End Date: 02/01/2017

Species: White-winged Tern (Laridae (Chlidonias leucopterus))
Measuring units: Animals
Susceptible: 1000
Cases: 600
Deaths: 0
Destroyed: 0
Slaughtered: 0

District: Wakiso-other report - submitted
Sub county: Lutembe
Parish: Village
Location: Lutembe
Latitude: 0.1661855
Longitude: 32.579253
Start Date: 02/01/2017
End Date: 02/01/2017

Species: White-winged Tern (Laridae (Chlidonias leucopterus))
Measuring units: Animals
Susceptible: 1000
Cases: 600
Deaths: 0
Destroyed: 0
Slaughtered: 0

Outbreak summary: Total outbreaks = 2 (Submitted)

Species: White-winged Tern
Susceptible: 2000
Cases: 1200
Deaths: 0
Destroyed: 0
Slaughtered: 0

Epidemiology

Epidemiological comments

Avian influenza (H5N8 strain) was detected and reported for the first time on 15 January 2017 in migratory birds, white-winged terns (Chlidonias leucopterus) at Lutembe beach, Kajjansi town council (Wakiso district) and in Kachanga village, Bukakata sub-county (Masaka district).

An unconfirmed number of migratory birds have since then been reported to have died in Lutembe and Ddewe landing sites around Lake Victoria shores. In addition, white-winged terns, domestic ducks and chickens have been reported dead in different places in Bukakata (Masaka district) and Kalangala district. The Ministry of Agriculture, Animal Industry and Fisheries has informed the public that the risk to public health from the event is very low.

All poultry farmers have been advised to take biosecurity and biosafety measures to control the outbreaks. In addition, the Ministry of Agriculture, Animal Industry and Fisheries has embarked on sensitizing, educating and training the high risk communities on the safety measures for limiting and controlling the outbreaks and a 3km (1.8 mile) quarantine/protection zone and 10 km (6.2 miles) surveillance zones have been put in place to prevent the spread of disease. A multi-spectral one health/eco health approach has been put in place to undertake investigations.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied
**Applied**

- disinfection / disinfestation
- quarantine
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone

**To be applied**

- disinfection / disinfestation
- quarantine
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone

**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 Animal Disease Diagnostic and Epidemiology Center</td>
<td>White-winged Tern</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>25/01/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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