Immediate notification report

Report Summary

Name of sender of the report | Dr Nigel Gibbens
---|---
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Address | Food and Farming Group, Area 5B, Nobel House, 17 Smith Square, LONDON SW1P 3JR

Date submitted to OIE | 17/12/2016

Animal type | Terrestrial

Report Summary

Disease | Highly pathogenic avian influenza
Date of report | 17/12/2016

Causal Agent | Highly pathogenic avian influenza virus
Date of start of the event | 11/12/2016

Serotype(s) | H5N8
Date of confirmation of the event | 16/12/2016

Reason | Recurrence of a listed disease
Date of last occurrence | 17/07/2015

Country or zone | a zone or compartment
Clinical signs | Yes

Number of reported outbreaks | submitted=1, Draft=0

Outbreak details

<table>
<thead>
<tr>
<th>County</th>
<th>Number of outbreaks</th>
<th>Province</th>
<th>District</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>ENGLAND-(this report - submitted)</td>
<td>-</td>
<td>Lincolnshire</td>
<td>East Lindsey</td>
<td>Farm</td>
<td>Louth</td>
<td>53.4293</td>
<td>0.0603</td>
<td>11/12/2016</td>
<td>11/12/2016</td>
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</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
---|---|---|---|---|---|---
Birds | Animals | 2428 | 2428 | 2408 | 20 | 0

Affected Population | Flock of housed turkeys.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered
---|---|---|---|---|---
Birds | 2428 | 2428 | 2408 | 20 | 0

Epidemiology

Epidemiological comments
The epidemiological investigation has started and disease control programmes applied. Updates will be provided in weekly reports as further information becomes available.

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

Epidemiological comments

Measures applied

Applied | To be applied
---|---
- stamping out | • disinfection / disinfestation
- movement control inside the country | • official destruction of animal products
- zoning | • official disposal of carcasses, by-products and waste
- surveillance within containment and/or protection zone | • traceability

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>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>neuraminidase inhibition assay</td>
<td>Pending</td>
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<tr>
<td>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>haemagglutination (HA) test</td>
<td>Pending</td>
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<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>virus isolation</td>
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<tr>
<td>Laboratory Type</td>
<td>Name of Laboratory</td>
<td>Species</td>
<td>Test Type</td>
<td>Date results provided</td>
<td>Result</td>
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<td>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
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<td>Pending</td>
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<tr>
<td>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>haemagglutination inhibition test (HIT)</td>
<td>16/12/2016</td>
<td>Negative</td>
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<tr>
<td>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>16/12/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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