Report Summary

Disease
Highly pathogenic avian influenza

Animal type
Terrestrial

Causal Agent
Highly pathogenic avian influenza virus

Serotype(s)
H5

Clinical Signs
Yes

Reason
Reoccurrence of a listed disease

Date of first confirmation of the event
22/01/2008

Date of Start of Event
08/01/2008

Date of report
25/01/2008

Date Submitted To OIE
25/01/2008

Diagnosis
Suspicion, Clinical, Laboratory (advanced), Necropsy

Date Of Last Occurrence
06/2007

Number Of Reported Outbreaks
Submitted= 2, Draft= 0

Name of Sender of the report
Miss Chaweewan Leowijuk

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Position
Deputy Director General

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Entered by
Mme Margarita Alonso

Outbreak (this report - submitted)

PHICHIT

Unit Type
SakLek

Location
Village

Latitude
16.50175

Longitude
100.4737

Start
08/01/2008

End

Species
Birds

Measuring units
Animals

Susceptible
70

Cases
30

Deaths
30

Destroyed
40

Slaughtered
0

Affected Population
native chickens

Outbreak (other report - submitted)

NAKHON SAWAN

Unit Type
ChumSaeng

Location
Farm

Latitude
15.9052

Longitude
100.299

Start
18/01/2008

End

Species
Birds

Measuring units
Animals

Susceptible
59670

Cases
4085

Deaths
4085

Destroyed
55585

Slaughtered
0

Affected Population
broiler chickens from a commercial farm housed above a fish pond.

Outbreak summary: Total outbreaks = 2 (Submitted)

Species
Birds

Susceptible
59740

Cases
4115

Deaths
4115

Destroyed
55625

Slaughtered
0
Epidemiology

Epidemiological comments
217 native chickens from three neighbouring households were also destroyed to reduce the risk of infection.

Source of the outbreak(s) or origin of infection
• Under investigation

Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Stamping out</td>
<td>• No Planned Control Measures</td>
</tr>
<tr>
<td>• Quarantine</td>
<td>Vaccination Prohibited Yes</td>
</tr>
<tr>
<td>• Movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• Screening</td>
<td></td>
</tr>
<tr>
<td>• Zoning</td>
<td></td>
</tr>
<tr>
<td>• Disinfection of infected premises/establishment(s)</td>
<td></td>
</tr>
<tr>
<td>• Dipping / Spraying</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated
No

Country / Zone

Country or zone
a zone or compartment

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>Local laboratory</td>
<td>Lower Northern Veterinary Research and Development (Phitsanulok) Center, Department of Livestock Development</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>25/01/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Lower Northern Veterinary Research and Development (Phitsanulok) Center, Department of Livestock Development</td>
<td>Birds</td>
<td>reverse transcription – polymerase chain reaction (RT-PCR)</td>
<td>25/01/2008</td>
<td>Pending</td>
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<tr>
<td>Local laboratory</td>
<td>Lower Northern Veterinary Research and Development (Phitsanulok) Center, Department of Livestock Development</td>
<td>Birds</td>
<td>haemagglutination inhibition test (HIT)</td>
<td>25/01/2008</td>
<td>Pending</td>
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<tr>
<td>Local laboratory</td>
<td>Lower Northern Veterinary Research and Development (Phitsanulok) Center, Department of Livestock Development</td>
<td>Birds</td>
<td>haemagglutination (HA) test</td>
<td>25/01/2008</td>
<td>Pending</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Lower Northern Veterinary Research and Development (Phitsanulok) Center, Department of Livestock Development</td>
<td>Birds</td>
<td>virus isolation</td>
<td>25/01/2008</td>
<td>Pending</td>
</tr>
</tbody>
</table>

Future Reporting

What further reports will be submitted in relation to this event?

There are 2 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.