## Report Summary

**Disease**
- Highly pathogenic avian influenza

**Animal type**
- Terrestrial

**Causal Agent**
- Highly pathogenic avian influenza virus

**Serotype(s)**
- H5N1

**Clinical Signs**
- Yes

**Reason**
- Recurrence 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**
- 30/01/2008

**Date Submitted To OIE**
- 30/01/2008

**Diagnosis**
- Suspicion, Clinical, Laboratory (advanced), Necropsy

**Date Of Last Occurrence**
- 06/2007

**Number Of Reported Outbreaks**
- Submitted= 2, Draft= 0

## Outbreak (other report - submitted)

### PHICHIT

**SakLek**

**Unit Type**
- Village

**Location**
- Village No 7

**Latitude**
- 16.51175

**Longitude**
- 100.4737

**Start**
- 08/01/2008

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds Animals</td>
<td>70</td>
<td>30</td>
<td>30</td>
<td>40</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
- native chickens

### NAKHON SAWAN

**ChumSaeng PiKul**

**Unit Type**
- Farm

**Location**
- Village No. 3

**Latitude**
- 15.9052

**Longitude**
- 100.299

**Start**
- 18/01/2008

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds Animals</td>
<td>59670</td>
<td>4085</td>
<td>4085</td>
<td>55585</td>
<td>0</td>
</tr>
</tbody>
</table>

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

### Outbreak summary: Total outbreaks = 2 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>59740</td>
<td>4115</td>
<td>4115</td>
<td>55625</td>
<td>0</td>
</tr>
</tbody>
</table>
### 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>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Stamping out</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Quarantine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Movement control inside the country</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Screening</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Zoning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Disinfection of infected premises/establishment(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Dipping / Spraying</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Animals treated
No

### Country / Zone

<table>
<thead>
<tr>
<th>Country or zone</th>
<th>a zone or compartment</th>
</tr>
</thead>
</table>

### 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>reverse transcription – polymerase chain reaction (RT-PCR)</td>
<td>30/01/2008</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>haemagglutination inhibition test (HIT)</td>
<td>30/01/2008</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>haemagglutination (HA) test</td>
<td>30/01/2008</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>virus isolation</td>
<td>30/01/2008</td>
<td>Positive</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.