### Report Summary

**Disease**
Highly pathogenic avian influenza

**Animal type**
Terrestrial

**Causal Agent**
Highly pathogenic avian influenza virus

**Serotype(s)**
H5N1

**Clinical Signs**
No

**Reason**
Reoccurrence of a listed disease

**Date of first confirmation of the event**
25/04/2008

**Date of report**
13/05/2008

**Date of Start of Event**
21/04/2008

**Date Submitted To OIE**
13/05/2008

**Date Of Last Occurrence**
2007

**Diagnosis**
Laboratory (basic), Laboratory (advanced)

**Number Of Reported Outbreaks**
Submitted= 3, Draft= 0

**Name of Sender of the report**
Dr. Toshiro Kawashima

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Animal Health Division
Food Safety and Consumer Affairs Bureau
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**Fax**
(81-3) 3502 3385

**Email**
animal_health@nm.maff.go.jp

**Outbreak (other report - submitted)**

**AKITA**

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>AKITA</td>
<td>Kosaka Town</td>
<td>40,1939</td>
<td>140,4549</td>
<td>21/04/2008</td>
<td></td>
</tr>
</tbody>
</table>

**Species**
Wild 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>Animals</td>
<td></td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
Swans

**Outbreak (other report - submitted)**

**HOKKAIDO**

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOKKAIDO</td>
<td>Betsukai town</td>
<td>43,3351</td>
<td>145,2115</td>
<td>24/04/2008</td>
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</tr>
</tbody>
</table>

**Species**
Wild 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>Animals</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Affected Population swan

Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Location</th>
<th>Unit Type</th>
<th>Start</th>
<th>End</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saroma town</td>
<td>Not applicable</td>
<td>05/05/2008</td>
<td></td>
<td>44.0549</td>
<td>143.5437</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population swan

Outbreak summary: Total outbreaks = 3 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>6</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments

Outbreak in Akita

Until 12 May, no unusual incidents have been reported in the Akita, Aomori and Iwate prefectures.

Outbreak in Hokkaido

1) Betsukai town

Until 12 May, No unusual incidents have been observed.

2) Saroma town

The Hokkaido University (OIE Reference Laboratory) confirmed a case of HPAI H5N1 in a dead swan near Lake Saroma on the Saroma town on 10 May. On 6 May, the Hokkaido prefecture authorities visited for emergency on-site inspections 11 chicken farms within a 30-km-radius of the spot where the dead swan was found on 5 May. Emergency disinfection of the chicken farms finished in the area on 12 May. Until 12 May, no unusual incidents have been observed.

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

Control Measures

No Control Measures

Animals treated No

Vaccination Prohibited Yes

Country / Zone

Country or zone the whole country

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>
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</thead>
<tbody>
<tr>
<td>OIE’s Reference Laboratory</td>
<td>Hokkaido University</td>
<td>Wild species</td>
<td>pathogen isolation by egg inoculation</td>
<td>10/05/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>OIE’s Reference Laboratory</td>
<td>Hokkaido University</td>
<td>Wild species</td>
<td>neuraminidase inhibition assay</td>
<td>10/05/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>OIE’s Reference Laboratory</td>
<td>Hokkaido University</td>
<td>Wild species</td>
<td>intravenous pathogenicity index (IVPI) test</td>
<td>10/05/2008</td>
<td>Positive</td>
</tr>
</tbody>
</table>
Future Reporting

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

There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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