Follow-up report No.: 4
Report reference: , OIE Ref: 10207, Report Date: 04/02/2011, Country: Japan

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: 19/12/2010
Date of Start of Event: 16/12/2010
Date of report: 04/02/2011
Date Submitted To OIE: 04/02/2011
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Date Of Last Occurrence: 01/04/2009
Number Of Reported Outbreaks: Submitted= 12, Draft= 0
Name of Sender of the report: Dr Toshiro Kawashima
Address: Animal Health Division
Food Safety and Consumer Affairs Bureau
Ministry of Agriculture, Forestry and Fisheries
1-2-1 Kasumigaseki
Chiyoda-ku
Tokyo 100-8950

Telephone: (81-3) 3502 8295
Fax: (81-3) 3502 3385
Email: animal_health@nm.maff.go.jp

Outbreak (other report - submitted)

Province: TOYAMA
District: Takaoka city
Sub-district: Kojo
Unit Type: Not applicable
Location: Takaoka kojo (Old Castle) Park Zoo
Latitude: 36.747838
Longitude: 137.022638
Date of Start: 16/12/2010
Date of End: 18/12/2010
Species: Wild species
Measuring units: Animals
Susceptible: 14
Cases: 4
Deaths: 4
Destroyed: 10
Slaughtered: 0
Affected Population: Captive wild birds: 10 Cygnus olor (muted swans) [4 muted swans died], 2 ducks and 2 Cygnus atratus (black swans)

Province: KAGOSHIMA
District: Izumi city
Sub-district: Not applicable
Unit Type: Not applicable
Location: Izumi Crane Park
Latitude: 32.102814
Longitude: 130.274954
Date of Start: 16/12/2010
Date of End: 18/01/2011
Species: Wild species
Measuring units: Animals
Susceptible: 5
Cases: 5
Deaths: 0
Destroyed: 0
Slaughtered: 0
<table>
<thead>
<tr>
<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>KAGOSHIMA</td>
<td>Izumi city</td>
<td>Not applicable</td>
<td>Izumi Crane Park</td>
<td>33.103814</td>
<td>130.274954</td>
<td>18/12/2010</td>
<td>18/12/2010</td>
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<tr>
<td>FUKUSHIMA</td>
<td>Koriyama city</td>
<td>Not applicable</td>
<td>Toyota-cho water purification facility (water reservoir)</td>
<td>37.396142</td>
<td>140.368409</td>
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<td>HYOGO</td>
<td>Itami city</td>
<td>Not applicable</td>
<td>Zugake</td>
<td>34.79506</td>
<td>135.398083</td>
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<td>25/01/2011</td>
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<tr>
<td>HOKKAIDO</td>
<td>Hamanaka-cho</td>
<td>Not applicable</td>
<td>Manuyamachirippu (swamp)</td>
<td>43.047314</td>
<td>145.016441</td>
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<td>19/01/2011</td>
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<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
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<td>0</td>
<td>0</td>
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<td>Animals</td>
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<td>2</td>
<td>0</td>
<td>0</td>
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<td>Wild species</td>
<td>Animals</td>
<td></td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population: Grus monacha (hooded crane)

Affected Population: Aythya fuligula (tufted duck)

Affected Population: Aythya fuligula (tufted duck)

Affected Population: Aythya ferina (common pochard), Tachybaptus ruficollis (little grebe)

Affected Population: 3 Cygnus cygnus (whooper swan), 1 Anas acuta (northern pintail), 1 Aythya genus (wild duck)
### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<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>SHIMANE</td>
<td>Matsue city</td>
<td>Not applicable</td>
<td>Matsue city</td>
<td>35.46859</td>
<td>133.04837</td>
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</tr>
</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 1
- Cases: 1
- Deaths: 1
- Destroyed: 0
- Slaughtered: 0

**Affected Population:** Aythya fuligula (tufted duck)

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<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>TOTTORI</td>
<td>Yonago city</td>
<td>Not applicable</td>
<td>Akaide</td>
<td>35.41654</td>
<td>133.39736</td>
<td>19/01/2011</td>
<td>19/01/2011</td>
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</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 1
- Cases: 1
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

**Affected Population:** Larus ridibundus (black-headed gull)

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<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>TOTTORI</td>
<td>Yonago city</td>
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<td>Yomi-cho</td>
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</tbody>
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### Species

- Measuring units: Animals
- Susceptible: 1
- Cases: 1
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

**Affected Population:** Aythya fuligula (tufted duck)

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
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<th>Unit Type</th>
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<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOCHI</td>
<td>Niyodogawa-cho</td>
<td>Not applicable</td>
<td>Osaki</td>
<td>33.57501</td>
<td>133.16947</td>
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</tbody>
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### Species

- Measuring units: Animals
- Susceptible: 1
- Cases: 1
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

**Affected Population:** Aix galericula (mandarin duck)

### Outbreak (this report - submitted)

<table>
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<th>Unit Type</th>
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<th>Latitude</th>
<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOKKAIDO</td>
<td>Hamanaka-cho</td>
<td>Not applicable</td>
<td>Biwase</td>
<td>43.05850</td>
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### Species

- Measuring units: Animals
- Susceptible: 1
- Cases: 1
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

**Affected Population:** Cygnus cygnus (whooper swan)

### Outbreak summary: Total outbreaks = 12 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>14</td>
<td>27</td>
<td>27</td>
<td>10</td>
<td>0</td>
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</tbody>
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Follow-up report No.: 4. Report reference: , OIE Ref: 10207, Report Date: 04/02/2011, Country: Japan

Epidemiological comments

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

Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>Screening</th>
<th>To be applied</th>
<th>No Planned Control Measures</th>
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</thead>
<tbody>
<tr>
<td>Animals treated</td>
<td>No</td>
<td>Vaccination Prohibited</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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>
</tr>
</thead>
</table>

Future Reporting

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

- There are 0 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.

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