

Follow-up report No.: 3

Report reference: , OIE Ref: 10184, Report Date: 23/01/2011, 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 | Reoccurrence 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 | 23/01/2011 | Date Submitted To OIE | 25/01/2011 |
| Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy | Date Of Last Occurrence | 01/04/2009 |
| Number Of Reported Outbreaks | Submitted= 5, Draft= 0 | Name of Sender of the report | Dr Toshiro Kawashima |
| Address | Animal Health Division | Position | CVO |
| | Food Safety and Consumer Affairs Bureau | Fax | (81-3) 3502 3385 |
| | Ministry of Agriculture, Forestry and Fisheries | Entered by | Dr Toshiro Kawashima |
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Outbreak (other report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|--|-----------------|--------------|----------------|------------------------------------|-----------|-------------|------------|------------|
| TOYAMA | Takaoka city | Kojo | Not applicable | Takaoka kojo (Old Castle) Park Zoo | 36,747838 | 137,022638 | 16/12/2010 | 18/12/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Wild species | Animals | 14 | 4 | 4 | 10 | 0 | | |
| Affected Population Captive wild birds: 10 Cygnus olor (mute swans) [4 mute swans died], 2 ducks and 2 Cygnus atratus (black swans) | | | | | | | | |

Outbreak (other report - submitted)

| Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date | |
|--------------|-----------------|----------------|------------------|-----------|------------|-------------|------------|--|
| KAGOSHIMA | Izumi city | Not applicable | Izumi Crane Park | 32,102814 | 130,274954 | 18/12/2010 | 18/01/2011 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Wild species | Animals | ... | 5 | 5 | 0 | 0 | | |

| | |
|---------------------|-----------------------------|
| Affected Population | Grus monacha (hooded crane) |
|---------------------|-----------------------------|

Outbreak (other report - submitted)

| Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|-----------------------------|------------------|-----------|------------|-------------|------------|
| KAGOSHIMA | Izumi city | Not applicable | Izumi Crane Park | 32,102814 | 130,274954 | 18/12/2010 | 18/12/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Wild species | Animals | ... | 1 | 1 | 0 | 0 | |
| Affected Population | | Grus monacha (hooded crane) | | | | | |

Outbreak (other report - submitted)

| Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|-------------------------------|--|-----------|------------|-------------|------------|
| FUKUSHIMA | Koriyama city | Not applicable | Toyoda-cho water purification facility (water reservoir) | 37,396142 | 140,368409 | 04/01/2011 | 05/01/2011 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Wild species | Animals | ... | 2 | 2 | 0 | 0 | |
| Affected Population | | Aythya fuligula (tufted duck) | | | | | |

Outbreak (this report - submitted)

| Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|---|--------------------------|-----------|------------|-------------|------------|
| HOKKAIDO | Hamanaka-cho | Not applicable | Maruyamachirippu (swamp) | 43,047314 | 145,016441 | 12/01/2011 | 19/01/2011 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Wild species | Animals | ... | 5 | 5 | 0 | 0 | |
| Affected Population | | 3 Cygnus cygnus (whooper swan), 1 Anas acuta (northern pintail), 1 Aythya genus (wild duck) | | | | | |

Outbreak summary: Total outbreaks = 5 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|--------------|-------------|-------|--------|-----------|-------------|
| Wild species | 14 | 17 | 17 | 10 | 0 |

Epidemiology

| Epidemiological comments |
|--|
| On 19 January 2011, a weak whooper swan was detected near a swamp in Hamanaka-cho, Hokkaido. On 22 January 2011, Hokkaido University confirmed that an isolate from the bird contained highly pathogenic avian influenza virus subtype H5N1. |
| In addition, on 23 January 2011, the university confirmed that 4 other dead wild birds (2 whooper swans, 1 northern pintail and 1 wild duck (Aythya genus) collected near the swamp between 12 January 2011 and 19 January 2011 were also positive to HPAI subtype H5N1. |
| There are 4 poultry holders within 10 km around the swamp. Hokkaido confirmed there was no case in the holders. |
| Source of the outbreak(s) or origin of infection |
| • Unknown or inconclusive |

Control Measures

| Applied | To be applied |
|-----------------|-------------------------------|
| • Screening | • No Planned Control Measures |
| Animals treated | Vaccination Prohibited |
| No | Yes |

Country / Zone

| | |
|-----------------|-------------------|
| Country or zone | the whole country |
|-----------------|-------------------|

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|----------------------------|---------------------|--------------|------------------|-----------------------|----------|
| OIE's Reference Laboratory | Hokkaido University | Wild species | virus sequencing | 23/01/2011 | Positive |
| OIE's Reference Laboratory | Hokkaido University | Wild species | virus isolation | 23/01/2011 | Positive |
| OIE's Reference Laboratory | Hokkaido University | Wild species | virus sequencing | 22/01/2011 | Positive |
| OIE's Reference Laboratory | Hokkaido University | Wild species | virus isolation | 22/01/2011 | Positive |

Future Reporting

| What further reports will be submitted in relation to this event? |
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| There are Ooutbreaks 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. |

Outbreak maps

