

Follow-up report No.: 2

Report reference: , OIE Ref: 10168, Report Date: 19/01/2011, 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	19/01/2011	Date Submitted To OIE	19/01/2011
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	01/04/2009
Number Of Reported Outbreaks	Submitted= 4, Draft= 0	Name of Sender of the report	Dr Toshiro Kawashima
Address	Animal Health Division	Position	CVO
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	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 (this 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)
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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 (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
FUKUSHIMA	Koriyama city	Not applicable	Toyoda-cho water purification facility	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 summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	14	12	12	10	0

Epidemiology

Epidemiological comments	
<p>The first case detected in the Izumi Crane Park (national bird sanctuary) was reported to the OIE in the follow-up report No. 1. A total of 36 dead birds including the first case were found out in the sanctuary between the start date and 18 January 2011: 22 hooded cranes, 4 white-necked cranes and 10 wild ducks. Influenza virus A subtype H5N1 was isolated only from 6 dead hooded cranes including the first case (1 bird).</p> <p>There is no sign of accelerating and explosive spread of infection such as massive deaths of wild birds and a sudden increase of weak birds in the sanctuary. A total of 1,197 faeces of birds collected in the sanctuary between 25 December 2010 and 27 December 2010 were negative to influenza virus.</p> <p>In addition, on 19 December 2010, Hokkaido University confirmed the isolates from dead tufted ducks detected in Fukushima prefecture were positive to influenza virus A subtype H5N1. A total of 3 dead tufted ducks were collected at a water reservoir in Koriyama city on 4 January 2011 and 5 January 2011. The viruses were isolated from a bird collected on 4 January 2011 and another collected on 5 January 2011.</p>	
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
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Private Laboratory	Tottori University	Wild species	virus isolation	12/01/2011	Positive
Private Laboratory	Tottori University	Wild species	virus isolation	27/12/2010	Positive
Private Laboratory	Tottori University	Wild species	virus isolation	24/12/2010	Positive
OIE's Reference Laboratory	Hokkaido University	Wild species	gene sequencing	19/01/2011	Positive
OIE's Reference Laboratory	Hokkaido University	Wild species	virus isolation	19/01/2011	Positive

Future Reporting

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

There are 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.

Outbreak maps

