

# Follow-up report No.: 1

Report reference: , OIE Ref: 10083, Report Date: 22/12/2010, Country: Japan

## Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	19/12/2010	<b>Date of Start of Event</b>	16/12/2010
<b>Date of report</b>	22/12/2010	<b>Date Submitted To OIE</b>	22/12/2010
<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	<b>Date Of Last Occurrence</b>	01/04/2009
<b>Number Of Reported Outbreaks</b>	Submitted= 2, Draft= 0	<b>Name of Sender of the report</b>	Dr Toshiro Kawashima
<b>Address</b>	Animal Health Division	<b>Position</b>	CVO
	Food Safety and Consumer Affairs Bureau	<b>Fax</b>	(81-3) 3502 3385
	Ministry of Agriculture, Forestry and Fisheries	<b>Entered by</b>	Dr Toshiro Kawashima
	1-2-1 Kasumigaseki		
	Chiyoda-ku		
	Tokyo 100-8950		
<b>Telephone</b>	(81-3) 3502 8295		
<b>Email</b>	animal_health@nm.maff.go.jp		

## 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	14	4	4	10	0		
<b>Affected Population</b>	Captive wild birds 10 mute swans (4 mute swans died) 2 ducks 2 black swans							

## Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
KAGOSHIMA	Not applicable	A wildlife sanctuary in Kagoshima	32,102814	130,274954	18/12/2010	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	0	0
<b>Affected Population</b>		Hooded crane				

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	14	5	5	10	0

### Epidemiology

#### Epidemiological comments

It is confirmed on 22 December 2010 that a wild hooded crane (*Grus monacha*) in Kagoshima prefecture was infected with HPAI. On 18 December 2010, the staff of Izumi city gave protection to an injured crane, which was dead thereafter. On 20 December 2010, Kagoshima University confirmed a sample taken from the dead bird was influenza A positive by antigen-capture kits. On 21 December 2010, Tottori University confirmed by PCR test that the case was due to influenza A virus subtype H5N1. On 22 December 2010, Tottori University affirmed the case as highly pathogenic avian influenza because the isolate is a closely-related strain with the virus isolated from faeces of migratory wild ducks in Hokkaido in October 2010 and the cases occurred in Shimane prefecture in November 2010. Kagoshima prefecture and neighboring Kumamoto prefecture visited all poultry farms located within 10 km around the place where the case was found out and confirmed there was no clinically abnormal poultry in the farms (approximately 5.2 million poultry of 162 farms). Although, as of 22 December 2010, a total of 7 dead wild hooded cranes are detected, the causes of death of the other 6 cranes are inconclusive.

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

### Control Measures

Applied	To be applied
<ul style="list-style-type: none"> <li>Screening</li> <li>Disinfection of infected premises/establishment(s)</li> </ul>	<ul style="list-style-type: none"> <li>No Planned Control Measures</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
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
Private Laboratory	Tottori University	Wild species	gene sequencing	22/12/2010	Positive
Private Laboratory	Tottori University	Wild species	polymerase chain reaction (PCR)	21/12/2010	Positive

### 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.

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

## Outbreak maps

