

Follow-up report No.: 3

Report reference: , OIE Ref: 10074, Report Date: 21/12/2010, 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	29/11/2010	Date of Start of Event	27/11/2010
Date of report	21/12/2010	Date Submitted To OIE	21/12/2010
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	01/04/2009
Number Of Reported Outbreaks	Submitted= 2, 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	Unit Type	Location	Latitude	Longitude	Start date	End Date
SHIMANE	Farm	Yasugi city	35,432211	133,251157	27/11/2010	05/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	21606	57	57	21549	0
Affected Population		poultry (layer)				

Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
TOTTORI	Not applicable	Around the wild bird park	35,443384	133,30569	04/12/2010	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	0	1	0

Affected Population

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	21606	57	57	21549	0
Wild species		1	0	1	0

Epidemiology

Epidemiological comments
<p>An outbreak of HPAI of wild Tundra swan (<i>Cygnus columbianus</i>) was confirmed on 18 December 2010 near water bird sanctuary in Yonago city in Tottori prefecture. The water bird sanctuary is located inside the area of 10 km from the infected farm in Shimane prefecture notified on 2 December 2010.</p> <p>On 4 December 2010, a weakened wild Tundra swan was found. On 5 December 2010, it was sent to the Tottori University. A virus was isolated from the sample on 17 December. On 18 December 2010, it was confirmed that the subtype of the virus was H5N1 by PCR. On the same day, the virus strain was seemed to be closely related with the virus isolated from faeces of migratory wild ducks in Hokkaido in October 2010 and the virus isolated from poultry in Shimane prefecture on 1 December 2010 by comparison of gene sequence.</p> <p>The surveillance zone was established within 10 km around the area where the swan was found. There are 5 poultry farms (about 119,000 birds) in the zone and no suspicion was reported.</p>
Source of the outbreak(s) or origin of infection • Migration of wild birds

Control Measures

Applied	• Screening • Disinfection of infected premises/establishment(s)	To be applied	• No Planned Control Measures
Animals treated	No	Vaccination Prohibited	No

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	polymerase chain reaction (PCR)	18/12/2010	Positive
Private Laboratory	Tottori University	Wild species	gene sequencing	18/12/2010	Positive
Private Laboratory	Tottori University	Wild species	virus isolation	17/12/2010	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 1outbreaks 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

