

# Follow-up report No.: 5

Report reference: , OIE Ref: 10185, Report Date: 23/01/2011, 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>	H5N1
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	29/11/2010	<b>Date of Start of Event</b>	27/11/2010
<b>Date of report</b>	23/01/2011	<b>Date Submitted To OIE</b>	25/01/2011
<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= 4, 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
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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
<b>Affected Population</b>		poultry (layer)				

## Outbreak (other 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	04/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	0	1	0

Affected Population	Cygnus columbianus (tundra swan)
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### Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Miyazaki city	Farm	Sadohara-cho	32,050989	131,431375	21/01/2011	24/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	10240	36	36	10204	0	
Affected Population		poultry (broiler breeding stock)					

### Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Koyu-gun	Farm	Shintomi-cho	32,0937	131,48	23/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	410000	20	20	409980	0	
Affected Population		Poultry (layer)					

### Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	441846	113	113	441733	0
Wild species		1	0	1	0

### Epidemiology

Epidemiological comments	
<p>On 21 January 2011, a local veterinary officer visited a farm immediately after notification from the farmer and collected specimens for inspection. On 22 January 2011, Miyazaki prefecture confirmed the samples were positive to influenza A subtype H5 by RT-PCR. All poultry kept in the farm were destroyed by 23 January 2011.</p> <p>On 23 January 2011, the prefecture confirmed samples collected in another farm located at about 8.5 km away from the first farm were also positive to influenza A subtype H5 by RT-PCR. All poultry kept in the same site (12 henhouses) are being destroyed as a susceptible animal.</p> <p>The National Institute of Animal Health confirmed that an isolate from the first farm contained highly pathogenic avian influenza viruses subtype H5N1 on 24 January 2011. The virus is a closely-related strain with the viruses isolated in Shimane prefecture, Toyama prefecture and Kagoshima prefecture. An isolate from the other farm is being tested.</p> <p>Movement restrictions have been conducted within 10 km around the first farm since 21 January 2011 and within 10 km around the other affected farm since 23 January 2011.</p>	
Source of the outbreak(s) or origin of infection	• Unknown or inconclusive

### Control Measures

Applied	• Stamping out	To be applied	• No Planned Control Measures
	• Movement control inside the country	Vaccination Prohibited	No
	• Screening		
	• Disinfection of infected premises/establishment(s)		
Animals treated	No		

## 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
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	25/01/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	23/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	virus isolation	24/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	24/01/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	22/01/2011	Positive

## Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 1 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

