

## Follow-up report No.: 6

Report reference: , OIE Ref: 10205, Report Date: 02/02/2011, 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>	02/02/2011	<b>Date Submitted To OIE</b>	02/02/2011
<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= 9, 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	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)
---------------------	----------------------------------

### Outbreak (other 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 (other 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 (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
KAGOSHIMA	Farm	Izumi city	32,088452	130,297907	25/01/2011	26/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	8600	84	84	8516	0
Affected Population						

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
AICHI	Farm	Toyohashi city	34,711628	137,448033	26/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	150000	120	120	149880	0
Affected Population						

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Farm	Tsuno-cho Koyu-gun	32,271552	131,539641	27/01/2011	29/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	10401	300	300	10101	0
Affected Population						

**Outbreak (this report - submitted)**

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Farm	Nobeoka city	32,689694	131,694947	28/01/2011	30/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	6600	67	67	6533	0
<b>Affected Population</b>						

**Outbreak (this report - submitted)**

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Farm	Kawaminami-cho Koyu-gun	32,203569	131,513972	28/01/2011	31/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	92000	428	428	91572	0
<b>Affected Population</b>						

**Outbreak summary: Total outbreaks = 9 (Submitted)**

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	709447	1112	1112	708335	0
Wild species		1	0	1	0

**Epidemiology****Epidemiological comments**

Izumi city, Kagoshima:

On 25 January 2011, poultry were tested positive for influenza A with rapid test at a farm in Izumi city in Kagoshima prefecture. Virus was identified as H5 with RT-PCR on 26 January and as H5N1 on 29 January. Mandatory movement restriction has been enforced within 10 km around the affected farm since 25 January 2011. All of the poultry at the farm was destroyed by 26 January.

Toyohashi city, Aichi:

On 26 January 2011, poultry were tested positive for influenza A with rapid test at a farm in Toyohashi city in Aichi prefecture. Virus was identified as H5 with RT-PCR on 27 January and as H5N1 on 30 January. Mandatory movement restriction has been enforced within 10 km around the affected farm since 26 January 2011. All of the poultry at the farm was destroyed by 31 January.

Tsuno-cho Koyu-gun, Miyazaki:

On 27 January 2011, poultry from a farm in Tsuno-cho Koyu-gun were tested positive for influenza A with rapid test at a poultry abattoir in Kawaminami-cho. Virus was identified as H5 with RT-PCR on 28 January and as H5N1 on 31 January. Mandatory movement restriction has been enforced within 10 km around the affected farm and within 5 km around the poultry abattoir since 27 January 2011. All of the poultry at the farm was destroyed by 28 January.

Kawaminami-cho Koyu-gun, Miyazaki:

On 28 January 2011, poultry were tested positive for influenza A with rapid test at a farm in Kawaminami-cho Koyu-gun in Miyazaki prefecture. Virus was identified as H5 with RT-PCR on 29 January. Mandatory movement restriction has been enforced within 10 km around the affected farm since 28 January 2011. All of the poultry at the farm was destroyed by 29 January.

Kitakawa-cho Nobeoka city, Miyazaki:

On 28 January 2011, poultry were tested positive for influenza A with rapid test at a farm in Kitakawa-cho Nobeoka city in Miyazaki prefecture. Virus was identified as H5 with RT-PCR on 29 January. Mandatory movement restriction has been enforced within 10 km around the affected farm since 28 January 2011. All of the poultry at the farm was destroyed by 29 January.

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

## Control Measures

<b>Applied</b>	<ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Disinfection of infected premises/establishment(s)</li> </ul>	<b>To be applied</b>	• No Planned Control Measures
		<b>Vaccination Prohibited</b>	No
<b>Animals treated</b>	No		

## Country / Zone

<b>Country or zone</b>	the whole country
------------------------	-------------------

## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	28/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	29/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	30/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	26/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	31/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	31/01/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	29/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	31/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	30/01/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	29/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	31/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	31/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	29/01/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	28/01/2011	Positive
Local laboratory	Aichi Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	27/01/2011	Positive
Local laboratory	Kagoshima Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	26/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	29/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	28/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	27/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	27/01/2011	Positive

## Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 2outbreaks 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

