

### Follow-up report No.5

Report reference: , Reference OIE : 16788, Report Date : 19/12/2014, Country : Japan

#### Report Summary

<b>Name of sender of the report</b>	Dr Toshiro Kawashima	<b>Telephone</b>	(81-3) 3502 8295
<b>Position</b>	CVO	<b>Fax</b>	(81-3) 3502 3385
<b>Address</b>	Animal Health Division Food Safety and Consumer Affairs Bureau Ministry of Agriculture, Forestry and Fisheries 1-2-1 Kasumigaseki Chiyoda-ku	<b>Email</b>	animal_health88@nm.maff.go.jp
	Tokyo 100-8950	<b>Date submitted to OIE</b>	19/12/2014

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	19/12/2014
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	03/11/2014
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of pre-confirmation of the event</b>	13/11/2014
<b>Serotype(s)</b>	H5N8	<b>Date of last occurrence</b>	16/04/2014
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced)
<b>Country or zone</b>	the whole country	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 7, Draft= 0		

#### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SHIMANE-other report - submitted	-			Not applicable	Yasugi-shi	35.431442	133.250915	03/11/2014	13/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Tundra Swan:Anatidae(Cygnus columbianus)	Animals	...	1	0	0	0			
Affected Population	2 fecal samples from Cygnus columbianus (tundra swan)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TOTTORI-other report - submitted	-			Not applicable	Tottori-shi	35.501133	134.235091	18/11/2014	26/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	1	0	0	0			
Affected Population	A fecal sample from Anatidae (species are unidentified since only fecal samples were collected)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIBA-other report - submitted	-	Nagara-machi		Not applicable	Chosei-gun	35.431122	140.227086	18/11/2014	22/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	1	0	0	0			
Affected Population	2 fecal samples from Anatidae (species are unknown since only fecal samples were collected)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KAGOSHIMA-other report - submitted	-			Not applicable	Izumi-shi	32.090572	130.352753	23/11/2014	29/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-naped crane:Gruidae(Grus vipio)	Animals	...	1	1	0	0			
Affected Population	A weakened Grus vipio (white-naped crane) was found and tested.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KAGOSHIMA-other report - submitted	-			Not applicable	Izumi-shi	32.090572	130.352753	01/12/2014	06/12/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Gruidae (unidentified):Gruidae(Gruidae (incognita))	Animals	...	...	...	0	0			
Affected Population	Water collected from roost of cranes (not from animals).								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KAGOSHIMA-other report - submitted	-			Not applicable	Izumi-shi	32.090572	130.352753	07/12/2014	10/12/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Hooded crane:Gruidae(Grus monacha)	Animals	...	1	1	0	0			
Affected Population	A dead Grus monacha (hooded crane) was found and tested.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MIYAZAKI-other report - submitted	-	Kitagawa-machi		Farm	Nobeoka-shi	32.67972	131.697586	14/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4031	31	31	4000	0			
Affected Population	Poultry (broiler breeder)								

### Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Tundra Swan		1	0	0	0
Anatidae (unidentified)		2	0	0	0
White-naped crane		1	1	0	0
Gruidae (unidentified)				0	0
Hooded crane		1	1	0	0
Birds	4031	31	31	4000	0

### Epidemiology

#### Epidemiological comments

After the destruction of all the susceptible birds in the affected farm (approx. 4,000 birds), carcasses of destroyed birds and contaminated materials were buried and farm premises were disinfected. These control measures were completed on 16 December 2014. Movement restrictions (3km radius of the affected farm) and shipment restrictions (3-10km radius of the affected farm) are continuing. There is a farm rearing poultry within the movement restriction zones and they are under surveillance. A total of 10 disinfection stations were established in and around the restriction zones.

On 17 December 2014, the National Institute of Animal Health (NIAH) confirmed that the isolated virus is highly pathogenic to birds, based on gene sequencing.

On 19 December 2014, the NA subtype was confirmed as N8 by NIAH.

Movement control inside the country and stamping out are not applied for outbreaks in wild birds.

#### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

**Measures applied**

Applied	To be applied
<ul style="list-style-type: none"><li>• control of wildlife reservoirs</li><li>• stamping out</li><li>• quarantine</li><li>• movement control inside the country</li><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>
Animals treated	Vaccination Prohibited
No	Yes

**Diagnostic test results**

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory		Birds	neuraminidase inhibition assay	19/12/2014	Positive
National laboratory		Birds	gene sequencing	17/12/2014	Positive

**Future Reporting**

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

## Outbreak maps

