

### Follow-up report No.8

Report reference: , Reference OIE : 16860, Report Date : 30/12/2014, Country : Japan

#### Report Summary

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	Tokyo 100-8950	<b>Date submitted to OIE</b>	30/12/2014

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	30/12/2014
<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= 11, 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:
GIFU-other report - submitted	-			Not applicable	Kani-shi	35.426121	137.061011	12/12/2014	20/12/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mandarin Duck:Anatidae(Aix galericulata)	Animals	...	1	1	0	0			
Affected Population	A dead Aix galericulata (Mandarin duck) 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	16/12/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4031	31	31	4000	0			
Affected Population	Poultry (broiler breeder)								

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	17/12/2014	19/12/2014
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.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MIYAZAKI-other report - submitted	-	Takaoka-cho		Farm	Miyazaki-shi	31.962219	131.299922	28/12/2014	29/12/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	42030	30	30	42000	0			
Affected Population	Poultry (broiler)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YAMAGUCHI- (this report - submitted)	-			Farm	Nagato-shi	34.371919	131.1865	29/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	37017	17	17	37000	0			
Affected Population	Poultry (broiler breeder)								

### Outbreak summary: Total outbreaks = 11 (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		2	2	0	0
Mandarin Duck		1	1	0	0
Birds	83078	78	78	83000	0

### Epidemiology

#### Epidemiological comments

On 29 December 2014, the local veterinary service in Yamaguchi Prefecture received a notification from a broiler breeder farm on an increase in the number of dead birds. The samples were sent to the laboratory of local veterinary service centre (Chubu Livestock Hygiene Centre). The samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits. On the same day, the centre started RT-PCR test and confirmed that the subtype was H5 on 30 December 2014 (midnight of 29 December 2014). Stamping-out policy is applied to the affected farm. Destruction of all the susceptible birds in the affected farm (approx. 37,000 birds) is ongoing. Movement restrictions are imposed on the farms within the radius of 3km of the affected farm. Shipment restrictions are imposed on the farms within the radius of 3-10km of the affected farm. The pathogenicity and the NA subtype have not yet been identified and are going to be determined by the National Institute of Animal Health (NIAH).

Follow-up information on the outbreak in poultry reported in the Follow-up report No.7 (Miyazaki-2):

After the destruction of all the susceptible birds in the affected farm (approx. 42,000 birds), carcasses of destroyed birds and contaminated materials were buried and farm premises were disinfected. These control measures were completed on 29 December 2014. Movement restrictions (3km radius of the affected farm) and shipment restrictions (3-10km radius of the affected farm) are continuing. There are 5 farms rearing poultry within the movement restriction zones and they are under surveillance. A total of 12 disinfection stations were established in and around the restriction zones.

On 30 December 2014, the NIAH confirmed that the isolated virus is highly pathogenic to chickens, based on gene sequencing. The NA subtype is yet to be confirmed.

#### 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
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Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Local laboratory	Chubu Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	30/12/2014	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	30/12/2014	Positive

### Future Reporting

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

## Outbreak maps

