

## Follow-up report No.12

Report reference: , Reference OIE : 17022, Report Date : 30/01/2015, Country : Japan

### Report Summary

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	Tokyo 100-8950	<b>Date submitted to OIE</b>	30/01/2015

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	30/01/2015
<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= 15, 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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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-other report - submitted	-			Farm	Nagato-shi	34.371919	131.1865	29/12/2014	01/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	33017	17	17	33000	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	03/01/2015	07/01/2015
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:
KAGOSHIMA- (this report - submitted)	-			Not applicable	Izumi-shi	32.090572	130.352753	14/01/2015	19/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	1	0	0			
Affected Population	A dead Anas platyrhynchos (mallard) was found and tested.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OKAYAMA-other report - submitted	-			Farm	Kasaoka-shi	34.50718	133.507441	15/01/2015	23/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	200015	15	15	200000	0			
Affected Population	Poultry (layer)								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SAGA-other report - submitted	-			Farm	Arita-cho	33.210597	129.849191	17/01/2015	20/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	72908	8	8	72900	0			
Affected Population									

#### Outbreak summary: Total outbreaks = 15 (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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Gruidae (unidentified)				0	0
Hooded crane		3	3	0	0
Mandarin Duck		1	1	0	0
Birds	352001	101	101	351900	0
Mallard		1	1	0	0

## Epidemiology

### Epidemiological comments

An additional case in a wild bird:

A dead *Anas platyrhynchos* (mallard) was collected on 14 January 2015 and tested against avian influenza virus. It was confirmed on 19 January 2015 that the bird was infected with H5N8 influenza A virus. The result of gene sequencing indicated that a HA cleavage site of the amino acid sequence was consistent with that of highly pathogenic avian influenza virus.

Follow-up information on the outbreak in poultry in Yamaguchi reported in the follow-up report No.8:

On 23 January 2015, the movement restriction (3km radius around the affected farm) was lifted since 21 days had passed without any new outbreaks after control measures including stamping out had been completed on 1 January 2015.

Follow-up information on the outbreak in poultry in Okayama reported in the follow-up report No.10:

On 23 January 2015, control measures including disinfection of the affected premises were completed.

Follow-up information on the outbreak in poultry in Saga reported in the follow-up report No.11:

On 20 January 2015, control measures including disinfection of the affected premises were completed.

### 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
Private Laboratory	Kagoshima University	Mallard	gene sequencing	19/01/2015	Positive
Private Laboratory	Kagoshima University	Mallard	virus isolation	16/01/2015	Positive
Private Laboratory	Kagoshima University	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	16/01/2015	Positive

## Future Reporting

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

## Outbreak maps

