

Follow-up report No.11

Report reference: , Reference OIE : 16988, Report Date : 20/01/2015, Country : Japan

Report Summary

Name of sender of the report	Dr Toshiro Kawashima	Telephone	(81-3) 3502 8295
Position	CVO	Fax	(81-3) 3502 3385
Address	Animal Health Division Food Safety and Consumer Affairs Bureau Ministry of Agriculture, Forestry and Fisheries 1-2-1 Kasumigaseki Chiyoda-ku	Email	animal_health88@nm.maff.go.jp
	Tokyo 100-8950	Date submitted to OIE	20/01/2015

Animal type	Terrestrial	Date of report	20/01/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	03/11/2014
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	13/11/2014
Serotype(s)	H5N8	Date of last occurrence	16/04/2014
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 14, 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(Anatidae (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(Anatidae (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:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

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:
OKAYAMA-other report - submitted	-			Farm	Kasaoka-shi	34.50718	133.507441	15/01/2015	
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- (this report - submitted)	-			Farm	Arita-cho	33.210597	129.849191	17/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	72908	8	8	72900	0			
Affected Population									

Outbreak summary: Total outbreaks = 14 (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		3	3	0	0
Mandarin Duck		1	1	0	0
Birds	352001	101	101	351900	0

Epidemiology

Epidemiological comments

Epidemiological comments
Source of the outbreak(s) or origin of infection
<ul style="list-style-type: none"> • Unknown or inconclusive <p>On 17 January 2015, the local veterinary service in Saga prefecture received a notification from a broiler breeder farm on an increase in the number of dead birds. The samples from the dead birds were sent to the laboratory of the local veterinary service centre (Chubu Livestock Hygiene Centre) and it was found that the samples were influenza A virus positive by antigen-captive kits. On the same day the centre started RT-PCR test and on the following day it was confirmed that the subtype was H5. Stamping-out policy is applied to the affected farm and destruction of all the susceptible birds in the affected farm (approx. 72,900 birds) was completed on 18 January. Movement restriction is imposed on the farms within the radius of 3km of the affected farm. Shipment restriction is imposed on the farms within the radius of 3-10km of the affected farm. On 19 January 2015, the National Institute of Animal Health (NIAH) confirmed that the isolated virus is highly pathogenic to chickens based on gene sequencing and also identified the NA subtype as N8.</p> <p>Follow-up information on the second outbreak in poultry in Miyazaki reported in the follow-up report No.7: On 20 January 2015, the movement restriction was lifted since 21 days had passed without any new outbreaks after control measures including stamping out, which were completed on 29 December 2014.</p> <p>Follow-up information on the outbreak in poultry in Okayama reported in the follow-up report No.10: On 17 January 2015, NIAH confirmed that the isolated virus is highly pathogenic to chickens based on gene sequencing and also identified the NA subtype as N8. On 19 January 2015, destruction of all the susceptible birds in the affected farm (approx. 200,000 birds) was completed.</p>
Source of the outbreak(s) or origin of infection
<ul style="list-style-type: none"> • Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • control of wildlife reservoirs • stamping out • quarantine • movement control inside the country • screening • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Institute of Animal Health	Birds	gene sequencing	19/01/2015	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	17/01/2015	Positive
Local laboratory	Chubu Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	18/01/2015	Positive

Future Reporting

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

Outbreak maps

