

Follow-up report No.6

Report reference: , Reference OIE : 26498, Report Date : 27/04/2018, Country : Japan

Report Summary

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Animal type	Terrestrial	Date of report	27/04/2018
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	05/11/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	09/11/2017
Serotype(s)	H5N6	Date of last occurrence	08/03/2017
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 20, Draft= 0		

Outbreak details

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	05/11/2017	05/11/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	07/11/2017	07/11/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	09/11/2017	09/11/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	10/11/2017	10/11/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Black-headed Gull:Laridae(Larus ridibundus)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	11/11/2017	11/11/2017
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	12/11/2017	12/11/2017
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Shimane-other report - submitted	-			Not applicable	Matsue-shi	35.468205	133.048554	12/11/2017	12/11/2017
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Tokyo-other report - submitted	-			Not applicable	Ota ward	35.33414	139.4258	05/01/2018	05/01/2018
Northern Goshawk:Accipitridae(Accipiter gentilis)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	01/03/2018	01/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	5	5	0	0			
Affected Population									

Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	02/03/2018	02/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	6	6	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	03/03/2018	03/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	2	2	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	04/03/2018	04/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	5	5	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	05/03/2018	05/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	6	6	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	06/03/2018	06/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	6	6	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	07/03/2018	07/03/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	6	6	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	3	3	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	08/03/2018	08/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	11/03/2018	11/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo-other report - submitted	-			Not applicable	Itami city	34.784302	135.400923	14/03/2018	14/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo- (this report - submitted)	-			Not applicable	Itami city	34.784302	135.400923	18/03/2018	18/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	1	1	0	0			
Affected Population									

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Hyogo- (this report - submitted)	-			Not applicable	Itami city	34.784302	134.400923	25/03/2018	25/03/2018
Large-billed Crow:Corvidae(Corvus macrorhynchos)	Animals	...	1	1	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 20 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Mute Swan		3	3	0	0
Tufted Duck		3	3	0	0
Black-headed Gull		1	1	0	0
Northern Goshawk		1	1	0	0
Large-billed Crow		38	38	0	0

Epidemiology**Epidemiological comments**

Large-billed crows (*Corvus macrorhynchos*) were found dead in Itami city and tested positive for influenza A virus with rapid tests. Then confirmatory tests were carried out in Tottori University and H5N6 highly pathogenic avian influenza virus was detected in 2 samples.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • screening • disinfection 	<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
Private Laboratory	Tottori University	Large-billed Crow	virus isolation	04/04/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	reverse transcription - polymerase chain reaction (RT-PCR)	04/04/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	haemagglutination inhibition test (HIT)	04/04/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	haemagglutination (HA) test	04/04/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	gene sequencing	04/04/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	virus isolation	30/03/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	reverse transcription - polymerase chain reaction (RT-PCR)	30/03/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	haemagglutination inhibition test (HIT)	30/03/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	haemagglutination (HA) test	30/03/2018	Positive
Private Laboratory	Tottori University	Large-billed Crow	gene sequencing	30/03/2018	Positive

Future Reporting

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

Outbreak maps

