

Follow-up report No.5

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Report Summary

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Animal type	Terrestrial	Date of report	16/01/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	28/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	28/11/2016
Serotype(s)	H5N6	Date of last occurrence	17/02/2015
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= 8, Draft= 0		

Outbreak details

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AOMORI-other report - submitted	-			Farm	Aomori-shi	40.814459	140.749038	28/11/2016	05/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18370	10	10	18360	0			
Affected Population	Poultry (domestic ducks)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NIIGATA-other report - submitted	-			Farm	Sekikawa-mura	38.089616	139.564917	29/11/2016	05/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	314047	130	130	313917	0			
Affected Population	Poultry (layers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NIIGATA-other report - submitted	-			Farm	Joetsu-shi	37.147864	138.236002	30/11/2016	06/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	235741	100	100	235641	0			
Affected Population	Poultry (layers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AOMORI-other report - submitted	-			Farm	Aomori-shi	40.814459	140.749038	02/12/2016	05/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4725	5	5	4720	0			
Affected Population	Poultry (domestic ducks)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HOKKAIDO-other report - submitted	-			Farm	Shimizu-cho	43.01135	142.884491	16/12/2016	24/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	283982	30	30	283952	0			
Affected Population	Poultry (layers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MIYAZAKI-other report - submitted	-			Farm	Kawaminami-cho	32.19197	131.525822	19/12/2016	21/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	120100	100	100	120000	0			
Affected Population	poultry (broilers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KUMAMOTO-other report - submitted	-			Farm	Nankan-machi	33.061622	130.541079	26/12/2016	28/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	91856	50	50	91806	0			
Affected Population	Poultry (layers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GIFU- (this report - submitted)	-			Farm	Yamagata-shi	35.506132	136.781345	14/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	78184	100	100	78084	0			
Affected Population	Poultry (layers)								

Outbreak summary: Total outbreaks = 8 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1147005	525	525	1146480	0

Epidemiology

Epidemiological comments

Outbreak 5 (Hokkaido, Shimizu-cho) – follow up information of the previous reports

On 15 January 2017, the movement restriction was lifted since 21 days had passed without any new outbreaks after control measures including stamping out had been completed on 24 December 2016.

Outbreak 6 (Miyazaki, Kawaminami-cho) – follow up information of the previous reports

On 12 January 2017, the movement restriction was lifted since 21 days had passed without any new outbreaks after control measures including stamping out had been completed on 21 December 2016.

Outbreak 7 (Kumamoto, Nankan-machi) – follow up information of the previous reports

On 12 January 2017 shipment restrictions were lifted as there were not any positive results of the tests conducted after control measures including stamping out had been completed.

Outbreak 8 (Gifu, Yamagata-shi) – this report

On 14 January 2017, the local veterinary service in Gifu Prefecture received a notification from a domestic hen farm on an increase in the number of dead birds (100 birds on the same day).

The samples were sent to the laboratory of local veterinary service (Gifu Livestock Hygiene Service Centre) and the samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits and to be subtype H5 by RT-PCR and RRT-PCR in Gifu Livestock Hygiene Service Centre.

Movement and shipment restrictions are imposed on the farms within a radius of 3km and 3-10 km of the affected farm, respectively.

Destruction of all the susceptible birds in the affected farm has been completed and N-type was identified as N6 by NIAH on 16 January 2017.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • disinfection / disinfestation • quarantine • stamping out 	<ul style="list-style-type: none"> • no planned control measures

No	Yes
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	16/01/2017	Positive
Local laboratory	Gifu Livestock Hygiene Service Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	14/01/2017	Positive
Local laboratory	Gifu Livestock Hygiene Service Centre	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	14/01/2017	Positive
Local laboratory	Gifu Livestock Hygiene Service Centre	Birds	rapid tests	14/01/2017	Positive

Future Reporting

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

Outbreak maps

