

## Follow-up report No.12

Report reference: , Reference OIE : 23357, Report Date : 23/03/2017, Country : Japan

### Report Summary

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		<b>Date submitted to OIE</b>	24/03/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	23/03/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	28/11/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	28/11/2016
<b>Serotype(s)</b>	H5N6	<b>Date of last occurrence</b>	17/02/2015
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (basic)
<b>Country or zone</b>	the whole country	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 12, 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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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-other report - submitted	-			Farm	Yamagata-shi	35.506132	136.781345	14/01/2017	17/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	81559	100	100	81459	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	Kijo-cho	32.163975	131.473573	24/01/2017	26/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	163150	150	150	163000	0			
Affected Population	Poultry (broilers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SAGA-other report - submitted	-			Farm	Kouhoku-machi	33.2206	130.157497	04/02/2017	06/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	70783	40	40	70743	0			
Affected Population	Poultry (broiler breeders)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MIYAGI- (this report - submitted)	-			Farm	Kurihara-shi	38.730119	141.021458	23/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	220000	45	45	...	0			
Affected Population	Poultry (layers)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIBA- (this report - submitted)	-			Farm	Asahi-shi	35.720475	140.646563	23/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	68000	26	26	...	0			
Affected Population	Poultry (layers)								

**Outbreak summary: Total outbreaks = 12 (Submitted)**

Follow-up report No.: 12, Report reference: , OIE Ref: 23357, Report Date: 23/03/2017, Country: Japan

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1672313	786	786	1383598	0

## Epidemiology

### Epidemiological comments

Outbreak 11 (Miyagi, Kurihara-shi) – this report

On 23 March 2017, the local veterinary service in Miyagi Prefecture received a notification from a domestic hen farm on an increase in the number of dead birds (45 birds on the same day).

The samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits (on site) and to be subtype H5 by RT-PCR and RRT-PCR in Miyagi Livestock Hygiene Service Centre.

Destruction of all the susceptible birds in the affected farm is being implemented.

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

Outbreak 12 (Chiba, Asahi-shi) – this report

On 23 March 2017, the local veterinary service in Chiba Prefecture received a notification from a domestic hen farm on an increase in the number of dead birds (26 birds on the same day).

The samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits (on site) and to be subtype H5 by RT-PCR and RRT-PCR in Chu-ou Livestock Hygiene Service Centre.

Destruction of all the susceptible birds in the affected farm is being implemented.

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

### 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>• movement control inside the country</li> <li>• screening</li> <li>• disinfection / disinfestation</li> <li>• quarantine</li> <li>• stamping out</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
Local laboratory	Chu-ou Livestock Hygiene Service Center	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	24/03/2017	Positive
Local laboratory	Chu-ou Livestock Hygiene Service Center	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	24/03/2017	Positive
Local laboratory	Tobu Livestock Hygiene Service Center	Birds	rapid tests	23/03/2017	Positive
Local laboratory	Sendai Livestock Hygiene Service Center	Birds	rapid tests	23/03/2017	Positive
Local laboratory	Sendai Livestock Hygiene Service Center	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	24/03/2017	Positive
Local laboratory	Sendai Livestock Hygiene Service Center	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	24/03/2017	Positive

### Future Reporting

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

## Outbreak maps

