

## Immediate notification report

Report reference: REF OIE 21714, Report Date: 29/11/2016, Country : Japan

### Report Summary

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		<b>Date submitted to OIE</b>	29/11/2016

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	29/11/2016
<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>	H5	<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= 2, Draft= 0		

### Outbreak details

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AOMORI- (this report - submitted)	-			Farm	Aomori-shi	40.814459	140.749038	28/11/2016	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	16500	10	10	...	0			
Affected Population	Poultry (domestic ducks)								

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NIIGATA- (this report - submitted)	-			Farm	Sekikawa-mura	38.089616	139.564917	28/11/2016	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	315590	130	130	...	0			
Affected Population	Poultry (layers)								

### Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	332090	140	140		0

### Epidemiology

#### Epidemiological comments

##### Outbreak 1 (Aomori):

On 28 November 2016, the local veterinary service in Aomori Prefecture received a notification from a domestic duck farm on an increase in the number of dead birds (10 birds on the same day). The samples were sent to the laboratory of local veterinary service (Aomori Livestock Hygiene Service Centre) and the samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits. On the same day, the Centre started RT-PCR and RRT-PCR tests and confirmed that the subtype was H5.

##### Outbreak 2 (Niigata):

On 28 November 2016, the local veterinary service in Niigata Prefecture received a notification from a domestic hen farm on an increase in the number of dead birds (60 birds on the same day). The samples were sent to the laboratory of local veterinary service (Niigata Livestock Hygiene Service Centre) and the samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits. On the same day, the Centre started RT-PCR and RRT-PCR tests and confirmed that the subtype was H5.

##### For both outbreaks:

Stamping-out policy was applied to the affected farms. Destruction of all the susceptible birds in the affected farms is being implemented.

Movement restrictions are imposed on the farms within a radius of 3km of the affected farms.

Shipment restrictions are imposed on the farms within a radius of 3-10km of the affected farms.

The N-type has not yet been identified.

#### 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>• stamping out</li> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• screening</li> <li>• disinfection / disinfestation</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	Aomori Livestock Hygiene Service Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	28/11/2016	Positive
Local laboratory	Aomori Livestock Hygiene Service Centre	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	28/11/2016	Positive
National laboratory	Niigata Livestock Hygiene Service Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	29/11/2016	Positive
National laboratory	Niigata Livestock Hygiene Service Centre	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	29/11/2016	Positive

**Future Reporting**

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

## Outbreak maps

