

## Immediate notification report

Report reference: REF OIE 25189, Report Date: 10/11/2017, Country : Japan

### Report Summary

<b>Name of sender of the report</b>	Dr Kazuo Ito	<b>Telephone</b>	+81 3 3502 8295
<b>Position</b>	Director	<b>Fax</b>	+81 3 3502 3385
<b>Address</b>	1-2-1 Kasumigaseki Chiyoda-ku Tokyo 100-8950	<b>Email</b>	animal_health88@maff.go.jp
		<b>Date submitted to OIE</b>	10/11/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	10/11/2017
<b>Disease</b>	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	<b>Date of start of the event</b>	05/11/2017
<b>Causal Agent</b>	Highly pathogenic influenza A virus	<b>Date of confirmation of the event</b>	09/11/2017
<b>Serotype(s)</b>	H5N6	<b>Date of last occurrence</b>	08/03/2017
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Laboratory (basic), Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 1, Draft= 0		

### Outbreak details

Prefecture	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SHIMANE- (this 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									

### Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Mute Swan		1	1	0	0

### Epidemiology

#### Epidemiological comments

On 5th November 2017, one Cygnus olor (mute swan) was found dead in Matsue-shi and the sample derived from it was tested positive for influenza A virus by antigen-capture kit.

On 9th November 2017, the sample was confirmed positive for H5N6 subtype influenza A virus.

Enhanced monitoring of wild birds is ongoing within a ten-kilometer radius of the site.

Interviews and on-sight inspection were carried out on poultry farms in the ten kilometer area and no abnormality was found.

#### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

### Measures applied

Applied	To be applied
• screening • disinfection	• 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	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	09/11/2017	Positive
Private Laboratory	Tottori University	Mute Swan	intravenous pathogenicity index (IVPI) test	09/11/2017	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
Private Laboratory	Tottori University	Mute Swan	gene sequencing	09/11/2017	Positive
Private Laboratory	Tottori University	Mute Swan	neuraminidase inhibition assay	09/11/2017	Positive
Private Laboratory	Tottori University	Mute Swan	haemagglutination inhibition test (HIT)	09/11/2017	Positive
Private Laboratory	Tottori University	Mute Swan	haemagglutination (HA) test	09/11/2017	Positive
Private Laboratory	Tottori University	Mute Swan	virus isolation	09/11/2017	Positive

### Future Reporting

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

## Outbreak maps

