

## Immediate notification report

Report reference: REF OIE 21608, Report Date: 21/11/2016, Country : Japan

### Report Summary

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		<b>Date submitted to OIE</b>	22/11/2016

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	21/11/2016
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	15/11/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	21/11/2016
<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), Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<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:
AKITA- (this report - submitted)	-			Zoo	Akita-shi	39.671954	140.076242	15/11/2016	15/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Black Swan:Anatidae(Cygnus atratus)	Animals	...	1	1	0	0			
Affected Population									

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Black Swan		2	2	0	0

### Epidemiology

#### Epidemiological comments

On 15th November 2016, one death case of Cygnus atratus (black swan) was found in the zoo and its sample was tested by antigen-capture kit with positive result for influenza A virus. On 17th November 2016, another death case of Cygnus atratus was found in the same facility and positive result was gained by antigen-capture kit.

On 21st November 2016, the two dead cases were confirmed to be positive for H5N6 subtype influenza A virus.

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

• Unknown or inconclusive

### Measures applied

Applied	To be applied
• screening	• 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
OIE Reference Laboratory	Hokkaido University	Black Swan	virus isolation	19/11/2016	Positive
OIE Reference Laboratory	Hokkaido University	Black Swan	virus sequencing	21/11/2016	Positive
OIE Reference Laboratory	Hokkaido University	Black Swan	reverse transcription - polymerase chain reaction (RT-PCR)	20/11/2016	Positive
OIE Reference Laboratory	Hokkaido University	Black Swan	reverse transcription - polymerase chain reaction (RT-PCR)	19/11/2016	Positive
OIE Reference Laboratory	Hokkaido University	Black Swan	neuraminidase inhibition assay	20/11/2016	Positive
OIE Reference Laboratory	Hokkaido University	Black Swan	haemagglutination inhibition test (HIT)	19/11/2016	Positive

### Future Reporting

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

## Outbreak maps

