

Immediate notification report

Report reference: HPAI_2017_2 REF OIE 25551, Report Date: 29/12/2017, Country : Switzerland

Report Summary

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		Date submitted to OIE	29/12/2017

Animal type	Terrestrial	Date of report	29/12/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	18/12/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	22/12/2017
Serotype(s)	H5N6	Date of last occurrence	22/03/2017
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Cantons	Number of outbreaks	district	municipality	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BERN- (this report - submitted)	-	Seeland	Erlach	Other	Bielersee	47.04	7.1	18/12/2017	29/12/2017
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

This is the first detection of the subtype H5N6 in Switzerland.

Samples were sent to the Friedrich-Loeffler Institute (FLI), Germany, for further analysis. First preliminary results suggest a relation to the HPAI virus H5N8/H5N6 strains recently detected in Europe.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
• surveillance within containment and/or protection zone	• 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
National laboratory	National Reference Centre for Diseases of Poultry and Rabbits (NRGK)	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	22/12/2017	Positive

Future Reporting

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

Outbreak maps

