

Follow-up report No.7

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Report Summary

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	Rome 00144	Date submitted to OIE	31/08/2017

Animal type	Terrestrial	Date of report	31/08/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	03/01/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	05/01/2017
Serotype(s)	H5N8	Diagnosis	Laboratory (advanced), Necropsy
Reason	New strain of a listed disease	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 7, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	ROVIGO		Natural park	Porto tolle	44.967599	12.364217	03/01/2017	23/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Common Shelduck:Anatidae(Tadorna tadorna)	Animals	...	1	1	0	0			
Affected Population	Dated 23 February 2017 a positive case for highly pathogenic influenza A virus subtype H5N8 was detected on a duck (Tadorna tadorna) found close to the mouth of the river Po. The animal was found still alive but died on 26 December 2016 at the Wildlife Rescue Centre (CRFS) in the province of Rovigo. The carcass was stored in a freezer at CRFS until 20 February 2017, date on which it was delivered to the Clinical Diagnostic Laboratory. Tests carried out on 18 other birds were negative after the investigation of the Experimental Zooprophyllactic Institute (IZS), Venezia.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIULI-VENEZIA GIULIA-other report - submitted	-	GORIZIA		Natural park	Grado	45.7	13.44	03/01/2017	21/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	1	1	0	0			
Affected Population	The positivity regards a wild bird found dead in proximity of a natural reserve. Diagnostic tests have been carried out and the result was serotype H5N8.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIULI-VENEZIA GIULIA-other report - submitted	-	UDINE		Natural park	Aquileia	45.736762	13.345811	19/01/2017	24/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Whooper Swan:Anatidae(Cygnus cygnus)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PIEMONTE-other report - submitted	-	TORINO		Natural park	Settimo Torinese	45.133141	7.751683	27/04/2017	29/04/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Whooper Swan:Anatidae(Cygnus cygnus)	Animals	...	1	1	0	0			
Affected Population	The positivity regards a swan found dead near a natural oasis. A diagnostic test was carried out and the result was serotype H5N8.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Natural park	Goito	45.252414	10.639105	30/05/2017	07/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Grey Heron:Ardeidae(Ardea cinerea)	Animals	...	1	1	0	0			
Affected Population	The positivity for influenza A subtype H5N8 regards a Ardea cinerea found dying in a watercourse near the H5N8 HPAI outbreak in fattening turkeys in the municipality of Goito, province of Mantova.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	PAVIA		Other	Frascarolo	45.045236	8.665277	01/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	10	10	0	0			
Affected Population	The positivity concerns wild germs for highly pathogenic H5N8-type influenza A virus (HPAI), in ducks found dead at a fishing pond.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA- (this report - submitted)	-	BERGAMO		Other	Mozzanica	45.478301	9.690199	25/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	The positivity concerns a wild swan found dead in a pond. Diagnostic tests were performed and the result was the H5N8 serotype.								

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Common Shelduck		1	1	0	0
Eurasian Wigeon		1	1	0	0
Whooper Swan		2	2	0	0
Grey Heron		1	1	0	0
Mallard		10	10	0	0
Mute Swan		1	1	0	0

Epidemiology

Epidemiological comments

Source of the outbreak(s) or origin of infection

- Contact with wild species

Measures applied

Applied	To be applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • official disposal of carcasses, by-products and waste • control of wildlife reservoirs 	<ul style="list-style-type: none"> • 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	Experimental Zooprophyllactic Institute (IZS), Venezie - Padova	Mute Swan	virus isolation	25/08/2017	Positive

Future Reporting

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

Outbreak maps

