

### Follow-up report No.3

Report reference: , Reference OIE : 22370, Report Date : 16/01/2017, Country : Croatia

#### Report Summary

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		<b>Date submitted to OIE</b>	16/01/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	16/01/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	30/10/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	09/11/2016
<b>Serotype(s)</b>	H5N8	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced)
<b>Reason</b>	New strain of a listed disease in the country	<b>Clinical signs</b>	Yes
<b>Country or zone</b>	a zone or compartment		
<b>Number of reported outbreaks</b>	submitted= 3, Draft= 0		

#### Outbreak details

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VUKOVARSKO-SRIJE MSKA-other report - submitted	-	Cerje	Cerje	Village	River Bidj	45.1854438782	18.6601295471	30/10/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	10	10	0	0			
Affected Population	Approximately ten swans died on the river Bidj but only two of them were available for laboratory testing. Organ samples were taken and submitted on 31 October to the Poultry centre of the Croatian Veterinary Institute. Avian influenza - subtype H5N8 was isolated. Nucleotide sequencing at the cleavage site of the hemagglutinin (HA) of the isolate revealed the multiple basic amino acid sequence "RERRRKR/GLF", which is consistent with highly pathogenic avian influenza.								

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OSIJECKO-BARANJSK A-other report - submitted	-	Erdut	Bijelo Brdo	Village	River Drava- Bijelo Brdo	45.52199	18.901235	12/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	6	6	0	0			
Affected Population	Five dead swans were found on the river Drava, near Bijelo Brdo. Organ samples were taken and submitted to the Poultry Centre of the Croatian Veterinary Institute. Highly pathogenic avian influenza H5N8 was isolated. Additionally on the same location, on November 28, 2016 one more swan was found dead, sampled and laboratory results confirmed H5N8.								

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GRAD ZAGREB- (this report - submitted)	-	Grad Zagreb	Jezero Jarun	Village	Jezero Jarun	45.7792	15.9333	04/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	A swan was found dead. HPAI- subtype H5N8 is confirmed.								

#### Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Mute Swan		17	17	0	0

#### Epidemiology

Following control measures for prevention of possible introduction of infection into poultry holdings are applied:

- prohibition of exhibitions, fairs and sports competitions for poultry and birds on the entire territory of Croatia,
- recommendation to the poultry owners to keep the animals indoors (applied on the entire territory of Croatia) and
- ban on keeping poultry outside within 3 km radius where infected wild birds have been found.

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

- Unknown or inconclusive

**Epidemiological comments**

Following control measures for prevention of possible introduction of infection into poultry holdings are applied:

- prohibition of exhibitions, fairs and sports competitions for poultry and birds on the entire territory of Croatia,
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**Source of the outbreak(s) or origin of infection**

- Unknown or inconclusive

**Measures applied**

No Control Measures

**Animals treated**

No

**Vaccination Prohibited**

Yes

**Diagnostic test results**

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Croatian Veterinary Institute, Poultry Centre	Mute Swan	polymerase chain reaction (PCR)	07/01/2017	Positive

**Future Reporting**

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

## Outbreak maps

