

## Immediate notification report

Report reference: REF OIE 23284, Report Date: 17/03/2017, Country : Croatia

### Report Summary

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		<b>Date submitted to OIE</b>	17/03/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	17/03/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	08/03/2017
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	15/03/2017
<b>Serotype(s)</b>	H5N5	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced)
<b>Reason</b>	New strain of a listed disease	<b>Clinical signs</b>	Yes
<b>Country or zone</b>	a zone or compartment		
<b>Number of reported outbreaks</b>	submitted= 4, Draft= 0		

### Outbreak details

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRAPINSKO-ZAGORS KA- (this report - submitted)	-	Zabok	Spickovina	Backyard	Spickovina 1	46.0336	15.9658	08/03/2017	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	23	23	23	0	0			
Affected Population									

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRAPINSKO-ZAGORS KA- (this report - submitted)	-	Zabok	Spickovina	Farm	Spickovina 2	46.0336	15.9658	08/03/2017	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	20	20	20	0	0			
Affected Population									

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRAPINSKO-ZAGORS KA- (this report - submitted)	-	Zabok	Spickovina	Backyard	Spickovina 3	46.0336	15.9658	14/03/2017	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	3	3	0	3	0			
Affected Population									

county	Number of outbreaks	municipality	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRAPINSKO-ZAGORS KA- (this report - submitted)	-	Zabok	Spickovina	Farm	Spickovina 4	46.0336	15.9658	14/03/2017	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	19	19	0	19	0			
Affected Population									

### Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	65	65	43	22	0

## Epidemiology

### Epidemiological comments

Suspicion on the disease for two neighbouring holdings (Spickovina 1 and Spickovina 2) was notified at the same time on the 8th March 2017 following an increased mortality in birds (all poultry heads on both holdings were found dead). According to the observation of authorised veterinarian on the neighbouring area there are two small ponds on which wild ducks gather. AI subtype H5N5 in poultry was confirmed on the 13th March 2017. Following the confirmation of AI, the measures were applied on 15 holdings on 14th March 2017, and approximately 248 poultry heads were killed and destroyed. Three neighbouring holdings were additionally tested and two (out of three; Spickovina 3 and Spickovina 4) reacted positively to avian influenza. There were no clinical signs (including mortality) on those holdings. Virus sequencing was finished on the 15th March; highly pathogenic avian influenza is confirmed.

Conducting of measures according to the Directive 2005/94 is still ongoing.

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

• Unknown or inconclusive

## Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• disinfection / disinfestation</li> <li>• stamping out</li> <li>• official disposal of carcasses, by-products and waste</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
Animals treated	Vaccination Prohibited
No	Yes

## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Croatian Veterinary Institute, Poultry Centre	Birds	polymerase chain reaction (PCR)	13/03/2017	Positive
National laboratory	Croatian Veterinary Institute, Poultry Centre	Birds	virus sequencing	15/03/2017	Positive

## Future Reporting

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

## Outbreak maps

