

Immediate notification report

Report reference: 1/2015 REF OIE 17248, Report Date: 25/02/2015, Country : Hungary

Report Summary

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		Date submitted to OIE	25/02/2015

Animal type	Terrestrial	Date of report	25/02/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	23/02/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	24/02/2015
Serotype(s)	H5N8	Date of last occurrence	2007
Reason	Reoccurrence of a listed disease	Diagnosis	Suspicion, Clinical, Laboratory (advanced), Necropsy
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

County	Number of outbreaks	District		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BEKES- (this report - submitted)	-			Farm	Füzesgyarmat	47.125	21.187	23/02/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	21170	0			
Affected Population	On 23 February 2015, a suspicion of avian influenza was reported to the National Food Chain Safety Office. The local authority immediately visited the affected holding, which is located in Füzesgyarmat, in Békés County. 22,000 fattening ducks are kept in the holding. Neurological signs, nasal discharge and increased mortality were observed. Official samples were taken on the same day. On 24 February, the National Reference Laboratory confirmed avian influenza H5N8 strain. In the neighborhood of the affected holding, there are three contact holdings. All the birds kept in the affected and in the contact holdings will be killed and destroyed.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	21170				0

Epidemiology

Epidemiological comments

On 24 February, the National Reference Laboratory confirmed avian influenza virus H5N8 by RT-PCR and, on the next day, by sequencing partial HA and NA sequence fragments. The amino acid sequence at the hemagglutinin cleavage site is consistent with highly pathogenic avian influenza (HPAI). Preliminary results suggest that the sequences are very closely related to the Asian and also to the four European H5N8 HPAI virus sequences reported so far. Whole genome sequencing is in progress.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • control of wildlife reservoirs • stamping out • quarantine • movement control inside the country • screening • zoning • disinfection of infected premises/establishment(s) 	<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
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Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Veterinary Diagnostic Directorate of National Food Chain Safety Office (National Reference Laboratory)	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	24/02/2015	Positive

Future Reporting

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

Outbreak maps

