

# Follow-up report No.: 1

Report reference: , OIE Ref: 5203, Report Date: 13/10/2005, Country: Romania

## Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of confirmation of Event</b>	07/10/2005	<b>Date of Start of Event</b>	04/10/2005
<b>Date of report</b>	13/10/2005	<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	1942	<b>Number of reported outbreaks</b>	Submitted= 7, Draft= 0
<b>Name of Sender of the report</b>	Mr Gabriel Predoi	<b>Address</b>	Autorité Nationale Sanitaire Vétérinaire BUCAREST
<b>Position</b>		<b>Telephone</b>	(40-21) 315 78 75
<b>Fax</b>	(40-21) 312 49 67	<b>Email</b>	predoi@ansv.ro
<b>Entered by</b>	Mme Margarita Alonso		

## Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Caraorman		Farm	Caraorman 1	45,08	29,4	15/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	28	1	0	28	0		
<b>Affected Population</b>		25 laying hens and 3 ducks						

## Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Caraorman		Farm	Caraorman	45,08	29,4	15/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	36	2	1	35	0		
<b>Affected Population</b>		14 laying hens, 13 geese, 7 ducks and 2 turkeys						

## Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CONSTANTA	Mihai Viteazu		Village	River Danube, in the vicinity of Vadu-Oii village	44,73	27,88	10/10/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	3	3	...	...		

<b>Affected Population</b>
2 geese and 1 swan.
The birds were found dead in an unpopulated area, at a distance of about 1 km from the River Danube, close to Vadu-Oii locality; the birds may have belonged to a flock of migratory birds.

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
VASLUI	Falciu		Village	Falciu	46,29	28,13	21/10/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	1	1	...	...		

<b>Affected Population</b>
a heron was found dead in an unpopulated area, at a distance of about 700 m from Prut River, close to the international border with Moldavia; the heron may have belonged to a flock of migratory birds.

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Ceamurlia-de-Jos		Village	Ceamurlia-de-Jos	44,75	28,71	04/10/2005	20/10/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	100	36	36	64	0		

<b>Affected Population</b>	58 laying hens and 42 ducks in a single backyard farm
----------------------------	---

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Maliuc		Farm	Vultur	45,17	29,08	07/10/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	48	18	18	30	0		

<b>Affected Population</b>	46 hens and 2 turkey hens (backyard flock)
----------------------------	--

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Maliuc		Village	Maliuc	45,17	29,08	07/10/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	537	137	137	0	0		

<b>Affected Population</b>	swans
----------------------------	-------

#### Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	212	57	55	157	0
Wild species	537	141	141	0	0

#### Epidemiology

<b>Epidemiological comments</b>
On 7 October 2005, at 14.45 hours, the Romanian Central Veterinary Authority set up a 3-km-radius protection zone and a 10-km radius surveillance zone, and established the number of backyard premises and the number of domestic poultry and other susceptible species in each zone.

On 13 October 2005, at 0.30 hours, the NSVFSA was informed by the Institute for Diagnostics and Animal Health (notification No. 11787-11809/ 13.10.2005) of the isolation of an avian influenza virus, type H5.

The virus was isolated from samples taken from two hens and a duck in the backyard premises of two inhabitants of Ceamurlia-de-Jos locality, close to Golovita Lake in Tulcea County.

During the morning of 13 October, the NSVFSA decided to send the isolated virus to VLA Weybridge, United Kingdom (European Union and OIE Reference Laboratory for avian influenza).

Up to the morning of 13 October, a total of 4,797 birds (4,009 hens, 318 ducks, 238 geese and 232 turkey hens) from 72 backyard premises (out of a total of 420 backyard premises existing in Ceamurlia-de-Jos) had been killed and their cadavers destroyed by incineration. Culling and incineration procedures for domestic poultry are still in progress and will be completed as soon as possible.

<b>Source of Infection</b>	• Contact with wild Species
----------------------------	-----------------------------

### Control Measures

<b>Applied</b>	• Movement control inside the country	<b>To be applied</b>	• Control of wildlife reservoirs
	• Screening	<b>Vaccination Prohibited</b>	No
	• Disinfection of infected premises/establishment(s)		
	• Dipping / Spraying		
	• Stamping out		
	• Zoning		
<b>Animals treated</b>	No		

### Country / Zone

<b>Country or zone</b>	the whole country
------------------------	-------------------

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	enzyme-linked immunosorbent assay (ELISA)	07/10/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	agar-gel immunodiffusion (AGID)	07/10/2005	Positive

### Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 6 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

## Outbreak map

