

## Follow-up report No.: 8

Report reference: , OIE Ref: 5215, Report Date: 22/11/2005, 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>	H5N1
<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>	22/11/2005	<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	1942	<b>Number of reported outbreaks</b>	Submitted= 38, Draft= 2
<b>Name of Sender of the report</b>	Mr Gabriel Predoi	<b>Address</b>	Autorité Nationale Sanitaire Vétérinaire BUCAREST
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<b>Entered by</b>	Mme Margarita Alonso		

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BUZAU	Padina		Village	Padina	44,82	27,1	12/12/2005	15/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	44	11	11	25	0		
<b>Affected Population</b>			a backyard flock					

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Ciocile		Village	Chichinetu	45,27	27,95	14/12/2005	29/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	72	22	22	50	0		
<b>Affected Population</b>			two backyard flocks					

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Zavoaia		Village	Zavoaia	44,94	27,47	08/12/2005	24/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	279	98	98	181	0		

Affected Population	a backyard flock
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### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Ciocile		Village	Ciocile	45,27	27,95	02/12/2005	12/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	25	17	7	18	0		
Affected Population	a backyard flock							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Zavoiaia		Village	Dudescu	44,94	27,47	01/12/2005	12/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	150	33	33	117	0		
Affected Population	a backyard flock							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Dudesti		Village	Bumbacari	45,27	27,95	01/12/2005	12/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	98	5	5	93	0		
Affected Population	a backyard flock							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Ciresu		Village	Scarlatesti	45,27	27,95	23/11/2005	12/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	184	50	50	134	0		
Affected Population	a backyard flock (125 hens, 25 turkeys, 24 ducks and 10 geese)							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Crisan		Village	Crisan	45,17	28,79	05/12/2005	11/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	58	18	18	40	0		
Affected Population	a backyard flock							

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Valea Nucarilor		Village	Agighiol	45,04	28,86	30/11/2005	11/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	558	271	124	434	0		
Affected Population			a backyard flock					

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Sulina		Village	Periprava	45,15	29,65	28/11/2005	03/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	49	45	8	41	0		
Affected Population			a backyard flock (49 hens)					

**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	27/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	28	1	0	28	0		
Affected Population			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	27/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	36	2	1	35	0		
Affected Population			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
TULCEA	Maliuc		Village	Maliuc	45,17	29,08	07/10/2005	21/11/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	537	137	137	0	0		
Affected Population			swans					

**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	11/11/2005

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	100	36	36	64	0
Affected Population		58 laying hens and 42 ducks in a single backyard farm				

#### Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Dudesti		Village	Dudesti	45,27	27,95	10/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	139	16	2	137	0		
Affected Population		hens						

#### Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Ciresu		Village	Ciresu	45,27	27,95	10/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	78	10	2	76	0		
Affected Population		hens						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Albesti		Village	Albesti	44,56	27,37	27/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	82	14	14	68	0		
Affected Population		hens						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Traian		Village	Traian	44,69	27,1	19/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	36	16	16	20	...		
Affected Population								

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Stelnica		Village	Stelnica	44,69	27,1	20/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	112	6	6	106	...		

Affected Population

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Reviga		Village	Rovine	44,69	27,1	15/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	220	52	52	168	...		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Albesti		Village	Marsilieni	44,57	27,35	16/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	488	23	23	465	...		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Albesti		Village	Albesti	44,57	27,35	24/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	82	19	14	68	...		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CALARASI	Stefan Voda		Village	Stefan Voda	44,19	27,32	20/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	102	31	31	71	...		
Affected Population								

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CALARASI	Modelu		Village	Tonea 1	44,19	27,32	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	80	69	66	14	...		
Affected Population								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Zavoiaia		Village	Zavoiaia	44,94	27,47	19/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	73	18	6	67	...		
<b>Affected Population</b>								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Dudesti		Village	Tataru	44,84	27,41	20/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	141	...	32	97	...		
<b>Affected Population</b>								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Dudesti		Village	Tataru	44,84	27,41	14/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	295	73	67	228	...		
<b>Affected Population</b>								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Reviga		Village	Rovine	44,69	27,1	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	70	26	26	44	0		
<b>Affected Population</b> backyard flock								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
IALOMITA	Albesti		Village	Marsilieni	44,56	27,36	15/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	309	8	8	301	0		
<b>Affected Population</b> three backyard flocks								

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BUZAU	Odaile		Village	Valea Fantanelor	45,15	26,79	15/12/2005	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	88	52	40	48	0
Affected Population		backyard flock				

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BUZAU	Braiesti		Village	Braiesti 2	45,44	26,51	15/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	39	17	5	34	0		
Affected Population		backyard flock						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BUZAU	Braiesti		Village	Braiesti 1	45,44	26,51	15/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	51	47	8	43	0		
Affected Population		backyard flock						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CALARASI	Modelu		Village	Tonea	44,19	27,32	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	81	81	81	0	0		
Affected Population		a backyard flock						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BUZAU	Braiesti		Village	Goidesti	45,44	26,51	12/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	23	21	21	2	0		
Affected Population		a backyard flock						

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Dudesti		Village	Tataru	44,84	27,41	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	295	73	67	228	0		

<b>Affected Population</b>	a backyard flock
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### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Sulina		Not applicable	Musura bay, N-NE zone	45,15	29,65	21/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	...	7	...	...		
<b>Affected Population</b>	swans							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
TULCEA	Caraorman		Not applicable	Obretinul Mic lake	45,05	29,36	21/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	...	1	...	...		
<b>Affected Population</b>	water hen							

### 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	21/11/2005
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
CONSTANTA	Mihai Viteazu		Village	River Danube, in the vicinity of Vadu-Oii village	44,73	27,88	10/10/2005	21/11/2005
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
TULCEA	Maliuc		Farm	Vulturu	45,17	29,08	07/10/2005	21/11/2005
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 summary: Total outbreaks = 2 (Draft)**

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	217	26	4	213	0

**Outbreak summary: Total outbreaks = 38 (Submitted)**

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	4396	1273	1014	3362	0
Wild species	537	141	149	0	0

**Epidemiology****Epidemiological comments**

In accordance with the zoosanitary provisions in force (i.e. Ministry of Agriculture and Food Order No. 156/27.12.1999 regarding the announcing, the declaring and notification of some transmissible diseases of animals, and the 'Programme for surveillance, prevention and control of diseases of animals and diseases transmissible from animals to humans, and for animal protection and protection of environment for the year 2005'), the three outbreaks of Ceamurlia-de-Jos, Maliuc and Vulturu, have been eradicated, as follows:

A. Outbreak reported in backyard premises in Ceamurlia-de-Jos, Ceamurlia-de-Jos district, Tulcea County:

The outbreak was declared extinguished after 38 days, since the serological examination of sentinel poultry gave negative results ([Analysis Bulletin No. 16698 - 16985/11.11.2005]). In addition, the sentinel poultry did not manifest any signs of disease suggesting highly pathogenic avian influenza (HPAI).

Three successive disinfections were carried out.

The quarantine measures were lifted on 11 November 2005.

The outbreak was declared extinguished as of 21 November 2005.

B. Outbreak reported in swans in Maliuc, Maliuc district, Tulcea County, and outbreak reported in backyard premises in Vulturu, Maliuc district, Tulcea County:

The outbreaks were declared extinguished after 35 days, since the tests carried out (RT-PCR test for the detection of specific viral genome for HPAI [Analysis Bulletin No. 17941-1800/21.11.2005]) gave negative results for the primary pathological material examined.

The sentinel poultry did not manifest any signs of disease suggesting HPAI.

Three successive disinfections were carried out in both localities.

The quarantine measures were lifted on 21 November 2005 and the outbreaks were declared extinguished.

For the moment, the single active outbreak in Romania is that of Caraorman, Tulcea County.

**Source of Infection**

• Contact with wild Species

## Control Measures

No Control Measures		Animals treated	No
Vaccination Prohibited	No		

## Country / Zone

Country or zone	the whole country
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## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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## Future Reporting

What further reports will be submitted in relation to this event?
There are 23 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

## Outbreak map

