

Follow-up report No.: 12

Report reference: , OIE Ref: 5220, Report Date: 15/12/2005, Country: Romania

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of confirmation of Event	07/10/2005	Date of Start of Event	04/10/2005
Date of report	15/12/2005	Diagnosis	Clinical, Laboratory (advanced)
Date of last occurrence	1942	Number of reported outbreaks	Submitted= 38, Draft= 2
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Entered by	Mme Margarita Alonso		

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	30/12/2005
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	Traian		Village	Traian	44,69	27,1	19/12/2005	30/12/2005
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	Albesti		Village	Marsilieni	44,56	27,36	15/12/2005	03/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	309	8	8	301	0		

Affected Population	three backyard flocks
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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	15/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	70	26	26	44	0		
Affected Population	backyard flock							

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	05/01/2006
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
CALARASI	Stefan Voda		Village	Stefan Voda	44,19	27,32	20/12/2005	03/01/2006
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
BUZAU	Odaile		Village	Valea Fantanelor	45,15	26,79	15/12/2005	29/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	88	52	40	48	0		
Affected Population	backyard flock							

Outbreak (this 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		
Affected Population	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		
Affected Population		two backyard flocks						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BRAILA	Zavoiaia		Village	Zavoiaia	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						

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
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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	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	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	...		
Affected Population								

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	...		
Affected Population								

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	...
Affected Population						

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 (this 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 (this 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 (this 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		

Affected Population	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	...	...
Affected Population	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	...	...
Affected Population	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	...	...
Affected Population	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	...	...
Affected Population	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		
Affected Population	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**

Outbreak in Tataru

Control measures have been applied in Tataru in the past few days: partial stamping out has been applied to the infected premises and to neighbouring backyard premises, in accordance with the legislative provisions in force (Ministry for Agriculture, Forestry and Rural Development Order No. 311, Art. 10). A total of 2,485 poultry were culled and destroyed. Corpses were destroyed by burning and burying. Backyard premises in the locality have been disinfected.

Movement control has been applied to people, poultry, poultry products, feed, etc.

There is a lake in immediate vicinity of the village which justifies the presence of migratory birds in the affected area.

Outbreak in Goidesti

The application of control measures began on 11 December 2005.

The outbreak appeared in a hamlet with only five households.

Outbreak in Padina

The application of control measures began on 12 December 2005. The entire flock of Padina consists of almost 47,000 poultry. Stamping out will be applied to all birds within the affected locality. Culling of poultry will be performed by gassing with CO₂ in containers. Corpses will be destroyed by burning and burying. Backyard premises and roads in the locality will be disinfected.

Movement control will be applied to all transport of people, poultry, poultry products, feed, etc.

In the affected area there are no lakes or pools that could account for the presence of migratory birds. The infection probably took place when a flock of migrating birds stopped to rest.

Outbreak in Tonea

The application of control measures began on 14 December 2005. Partial stamping out is being applied in the infected backyard premises and in the immediate vicinity. A total of 375 poultry have been culled, and 29 premises have been disinfected.

Movement control has been applied to the entire village.

The outbreak appeared in a small village in the vicinity of Danube meadow land and some small lakes, alongside the corridors used by migrating birds. The main concern in this case is the presence of some large poultry farms around Modelu district.

Source of Infection

- Contact with wild Species

Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Zoning 	To be applied	• Control of wildlife reservoirs
		Vaccination Prohibited	No
Animals treated	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
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	virus isolation	12/12/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	12/12/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	rapid tests	12/12/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	virus isolation	13/12/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	13/12/2005	Positive
National laboratory	Institute for Diagnostics and Animal Health (national reference laboratory)	Birds	rapid tests	13/12/2005	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 16 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

