

## Follow-up report No.: 4

Report reference: , OIE Ref: 3845, Report Date: 27/03/2006, Country: Greece

### 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>	First occurrence of a listed disease
<b>Date of first confirmation of the event</b>	09/02/2006	<b>Date of Start of Event</b>	30/01/2006
<b>Date of report</b>	27/03/2006	<b>Date Submitted To OIE</b>	28/03/2006
<b>Diagnosis</b>	Laboratory (advanced)	<b>Number Of Reported Outbreaks</b>	Submitted= 15, Draft= 0
<b>Name of Sender of the report</b>	Mr Spirus Doudounakis	<b>Address</b>	2 Acharnon Street ATHENS 10176
<b>Position</b>	Chief Veterinary Officer, Director General	<b>Telephone</b>	(30-210) 883 64 20
<b>Fax</b>	(30-210) 212 57 19	<b>Email</b>	vetserv@ath.forthnet.gr
<b>Entered by</b>	Mme Maria Cristinna Ramirez		

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Paralia Katerini	40,2666	22,5833	30/01/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>							
On 30 January 2006, a fisherman found a dead swan in the sea near the village and brought it ashore. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.							

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Stavros	40,6666	23,6833	31/01/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>							
On 31 January 2006, people informed the veterinary authorities about the presence of a swan found dead on the coast. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.							

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Nei Epivates	40,5	22,9	01/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	

Affected Population
On 1 February 2006, people informed the veterinary authorities about the presence of a swan found dead on the coast. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.
The birds belonged to a group of swans that arrived some twenty days ago, probably from the north, due to the bad weather conditions.

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Thessaloniki (city)	40,6333	27,95	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans					

### Outbreak (other report - submitted)

STEREA ELLADA	Evia	Unit Type	Location	Latitude	Longitude	Start	End
STEREA ELLADA	Evia	Not applicable	Northern part of the island of Skyros	38,9333	24,55	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		A red-breasted goose (Branta ruficollis).					

On 3 February 2006, people informed the veterinary authorities about the presence of a wild goose found dead. The veterinary authorities collected the goose and immediately sent it to the national reference laboratory.

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Asprovalta (village)	40,0166	23,5166	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans					

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Rodôpi	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Rodôpi	Not applicable	Xirolimni Lake,village of Fanari	40,96666	25,15	06/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	2	2	2	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Chalkidiki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Chalkidiki	Not applicable	Polychrono	40,0166	23,5166	10/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>		swans					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Village of Makrygialos	40,41666	22,6	11/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Village of Paralia Katerini	40,2666	22,5833	11/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Stavros	40,6666	25,6833	12/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Epanomi	40,4166	22,9	13/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b>		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

**Outbreak (other report - submitted)**

KENTRIKI MAKEDONIA	Pella	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pella	Not applicable	Loudias River, village of Nea Pella	40,7166	22,4666	13/02/2006	04/03/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	1	1	1	0	0
<b>Affected Population</b> swans (Cygnus olor) found dead. No clinical/pathological signs were observed.						

### Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Chalkidiki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Chalkidiki	Not applicable	Alykes,Amoliani Island	40,3333	23,9	14/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	2	2	2	0	0	
<b>Affected Population</b> swans (Cygnus olor) found dead. No clinical/pathological signs were observed.							

### Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Alykes, village of Epanomi	40,4166	22,9	04/03/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
<b>Affected Population</b> mute swan (Cygnus olor) found dead							

### Outbreak summary: Total outbreaks = 15 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	17	17	17	0	0

### Epidemiology

Epidemiological comments
The veterinary authorities introduced the measures contained in European Commission Decision 2006/115/EU immediately after the national reference laboratory notified the positive avian influenza results.
<b>Source of the outbreak(s) or origin of infection</b> • Unknown or inconclusive

### Control Measures

Applied	To be applied
• Zoning	• No Planned Control Measures
Animals treated No	Vaccination Prohibited Yes

### Country / Zone

Country or zone	the whole country
-----------------	-------------------

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Regional Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	haemagglutination inhibition test (HIT)	22/03/2006	Positive

OIE's Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	nucleotide sequencing	22/03/2006	Positive
OIE's Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	polymerase chain reaction (PCR)	22/03/2006	Positive
OIE's Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	haemagglutination (HA) test	22/03/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	haemagglutination inhibition test (HIT)	12/03/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	haemagglutination (HA) test	12/03/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	virus isolation	12/03/2006	Positive

### Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.

## Outbreak map

