

Follow-up report No.: 4

Report reference: , OIE Ref: 5311, Report Date: 08/12/2005, Country: Turkey

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of confirmation of Event	06/10/2005	Date of Start of Event	01/10/2005
Date of report	08/12/2005	Diagnosis	Clinical, Laboratory (advanced)
Number of reported outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Nihat Pakdil
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
BALIKESIR	Manyas		Farm	Kiziksa	40,04	27,96	01/10/2005	08/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1800	1700	1700	100	0		

Affected Population

turkeys aged 4.5 months.

The outbreak occurred in a backyard flock kept in a sparsely populated area (military zone) between Kiziksa and Salur villages in Manyas district, Balikesir province. Balikesir is situated in the north-western part of Marmara region.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1800	1700	1700	100	0

Epidemiology

Epidemiological comments

Clinical and serological surveillance for avian influenza (AI) was carried out in the surveillance zone.

All commercial flocks and backyard poultry flocks in the zone were examined clinically.

In addition, a total of 1,510 blood sera of chickens and ducks were taken from 149 backyard flocks in 15 villages and 146 chicken blood sera were taken from commercial flocks. The chicken sera were tested for the presence of AI antibodies using an ELISA AI antibody test kit. A total of 33 chicken sera from 5 backyard poultry flocks and 1 serum from a commercial flock were found to be positive using ELISA. All positive sera were re-tested by AGP and the results were found to be negative. Duck sera were tested by AGP and the results were found to be negative. For virological examination purposes, 50 live chickens were taken from the 5 backyard poultry flocks for which ELISA test results had been positive. The virological examination results were found to be negative for AI using a three-passage inoculation of SPF embryonated chicken eggs.

Cloacal and tracheal swabs were collected from duck flocks and from the commercial flock for which the ELISA result had been positive. The tracheal swabs were tested for influenza A antigen. In addition, the tracheal and cloacal swabs were tested using a three-passage inoculation of SPF embryonated chicken eggs. All samples were found to be negative for AI.

Source of Infection	• Unknown or inconclusive
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Control Measures

No Control Measures	Animals treated	No
Vaccination Prohibited	Yes	

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? The event is resolved. No more reports will be submitted.
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Outbreak map

