

Follow-up report No.: 2

Report reference: , OIE Ref: 5309, Report Date: 20/10/2005, 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	20/10/2005	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
Based on the initial test results from the national reference laboratory (Bornova Veterinary Control and Research Institute), the local Veterinary Service quarantined the affected holding on 6 October 2005. At that moment, 1,700 of the 1,800 birds had died. It was decided to cull immediately the 100 remaining live (and mainly sick) birds. All carcasses were buried that same day with lime in two pits within the grounds of the farm.

In addition, the local Crisis Centre ordered the culling of:

- the 2,684 free-range turkeys located about 1 km from the outbreak (direct contact);

- backyard poultry in the protection zone (within a 3-km radius).

All culling was performed by gassing with CO2 in bins. It started on 8 October and was concluded on 16 October 2005.

The backyard poultry were mainly kept in the village of Kiziksa. They were collected by the staff of the local Crisis Centre and killed and buried in five pits next to the waste site on the outskirts of the village. A total of 10,147 backyard poultry were culled. All poultry were in good condition and no clinical problems were detected during the culling.

In the surveillance zone, a surveillance programme was put into place for all poultry farms. All commercial and backyard flocks are clinically controlled every two days.

Hunting of wild birds is forbidden throughout the country.

Source of Infection	• Unknown or inconclusive
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Control Measures

Applied	• Movement control inside the country • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Zoning	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
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
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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.

Outbreak map

