

Follow-up report No.: 1

Report reference: , OIE Ref: 5468, Report Date: 09/08/2005, Country: Kazakhstan

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	29/07/2005	Date of Start of Event	22/07/2005
Date of report	09/08/2005	Diagnosis	Clinical, Laboratory (advanced)
Number of reported outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Mr Assilbek Aoubekovich Kojumratov
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
PAVLODAR	Irtys		Farm	Golubovka	53,13	74,18	22/07/2005	01/08/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2800	...	400	2400	0		
Affected Population		2,350 geese and 450 ducks						

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	2800		400	2400	0

Epidemiology

Epidemiological comments
<p>Additional tests were carried out on pathological material and sera taken from wildfowl and poultry from the infected farm.</p> <p>Laboratories where diagnosis was made: Pavlodar region branch of the Kazakhstan National Veterinary Laboratory and Scientific Research Institute for Agriculture</p> <p>Diagnostic tests used:</p> <ul style="list-style-type: none"> - virus isolation test on different cell cultures; - virus isolation test on embryonated chicken eggs; - inoculation of pathological material into birds of different species;

- haemagglutination inhibition test;
- neuraminidase activity inhibition test;
- post-mortem examination of poultry which died following inoculation of pathological material;
- electron microscopy examination of material after several passages;
- real-time PCR, with the participation of international experts;
- standard PCR.

Date: 8 August 2005

Results: positive for highly pathogenic avian influenza type A subtype H5N1

Source of Infection	• Contact with wild Species
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Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Control of wildlife reservoirs • 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

