

Follow-up report No.: 2

Report reference: ID 130, OIE Ref: 4676, Report Date: 31/01/2007, Country: Thailand

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of listed disease
Date of confirmation of Event	15/01/2007	Date of Start of Event	09/01/2007
Date of report	31/01/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Date of last occurrence	16/07/2006	Number of reported outbreaks	Submitted= 1, Draft= 0
Name of Sender of the report	Dr. Yukol Limlamthong	Address	69/1 Phya Thai Road, Ratchadheewe, BANGKOK 10400
Position	Director-General	Telephone	66 2 653 4401
Fax	66 2 653 4900	Email	dg@dld.go.th
Entered by	Dr. Yukol Limlamthong		

Outbreak (other report - submitted) (ID 130)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
PHITSANULOK	Muang	PlaiChumPol	Farm	Village No. 5	16,9902	100,5854	09/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2100	130	100	1970	0		

Affected Population

The affected birds were layer Khaki Campbell ducks about 5 months old. They were free ranged for feeding in nearby rice field during the day and housed by night. There is also an important activity of wild birds that feed together with the domestic flocks.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	2100	130	100	1970	0

Epidemiology

Epidemiological comments

Thailand is conducting from 3 January to 3 February 2007 its first intensive surveillance this year. This outbreak is the first finding in 2007. It corresponds to the current avian influenza case definition upon active clinical surveillance campaign.

Source of Infection • Under investigation

Control Measures

<ul style="list-style-type: none"> • Movement control inside the country • Screening 	To be applied • No Planned Control Measures Vaccination Prohibited Yes
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Applied	<ul style="list-style-type: none"> • Disinfection of infected premises/establishment(s) • Dipping / Spraying • Quarantine • Zoning
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
Local laboratory	Lower Northern Veterinary Research and Development (Pitsanuloke) Centre, Department of Livestock Development.	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	15/01/2007	Positive
Local laboratory	Lower Northern Veterinary Research and Development (Pitsanuloke) Centre, Department of Livestock Development.	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	11/01/2007	Positive
Local laboratory	Lower Northern Veterinary Research and Development (Pitsanuloke) Centre, Department of Livestock Development.	Birds	virus isolation	15/01/2007	Positive
Local laboratory	Lower Northern Veterinary Research and Development (Pitsanuloke) Centre, Department of Livestock Development.	Birds	haemagglutination (HA) test	15/01/2007	Positive
Local laboratory	Lower Northern Veterinary Research and Development (Pitsanuloke) Centre, Department of Livestock Development.	Birds	haemagglutination inhibition test (HIT)	15/01/2007	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 1outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

