

Follow-up report No.: 2

Report reference: , OIE Ref: 11766, Report Date: 19/03/2012, Country: Chinese Taipei

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N2
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of first confirmation of the event	13/02/2012	Date of Start of Event	07/02/2012
Date of report	19/03/2012	Date Submitted To OIE	19/03/2012
Diagnosis	Clinical, Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 3, Draft= 0
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Entered by	Dr Kwo-Ching Huang		

Outbreak (other report - submitted)

Prefecture/City	Unit Type	Location	Latitude	Longitude	Start date	End Date
T'AI-NAN	Farm	Liou-Jia District	23,245846	120,309696	07/02/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	4840	804	804	4036	0
Affected Population		Broiler breeder				

Outbreak (other report - submitted)

Prefecture/City	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHANG-HUA	Farm	Fang-Yuan	23,909667	120,359983	22/02/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	9625	318	318	9307	0
Affected Population		Native chicken				

Outbreak (this report - submitted)

Prefecture/City	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHANG-HUA	Farm	Chu-Tang Township	23,86028	120,42694	05/03/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	8647	426	426	8221	0

Affected Population	Layer chicken
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Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	23112	1548	1548	21564	0

Epidemiology

Epidemiological comments
Clinical cases were notified by the veterinary and an abnormal mortality rate was noticed. The local disease control center (LDCC) conducted movement restrictions, clinical inspection, epidemiological investigation and sampling on the index layer farm. The results of RT-PCR test, HA0 cleavage site sequencing and pathogenicity test demonstrated H5N2 subtype of HPAI. All the layer chickens on the farm were destroyed by LDCC as a measure of precaution on 8 March 2012. Clinical and epidemiological investigation of surrounding poultry farms was conducted. No other case or evidence of infection was detected.

Source of the outbreak(s) or origin of infection	• Unknown or inconclusive
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Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Screening • Zoning • Disinfection of infected premises/establishment(s) 	To be applied	• No Planned Control Measures
	Animals treated	No	Vaccination Prohibited

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
National laboratory	Animal Health Research Institute	Birds	intravenous pathogenicity index (IVPI) test	16/03/2012	Positive
National laboratory	Animal Health Research Institute	Birds	haemagglutination inhibition test (HIT)	09/03/2012	Positive
National laboratory	Animal Health Research Institute	Birds	virus isolation	09/03/2012	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	08/03/2012	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	08/03/2012	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.
The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

