

Immediate notification report

Report reference: , Ref OIE: 11703, Report Date: 03/03/2012 , 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	03/03/2012	Date Submitted To OIE	03/03/2012
Diagnosis	Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 1, Draft= 0
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Entered by	Dr Kwo-Ching Huang		

Outbreak (this 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 summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	4840	804	804	4036	0

Epidemiology

Epidemiological comments	
<p>Clinical cases were notified from the abattoir. The local disease control center (LDCC) traced back to the original broiler breeder farm. Movement restrictions and clinical and epidemiological investigation have been implemented. The mortality rate was about 16.6%. All the chickens on the farm were destroyed by LDCC as a precautionary measure on 10 February 2012. The results of RT-PCR test, HA0 cleavage site sequencing and pathogenicity test were obtained on 13 February 2012 and 20 February 2012, respectively. The results confirmed that the virus is classified as H5N2 HPAI virus. Clinical and epidemiological investigations were implemented on the surrounding poultry farms of the infected farm. No clinical suspected case or evidence of infection was detected.</p>	
Source of the outbreak(s) or origin of infection	• Unknown or inconclusive

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
		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
National laboratory	Animal Health Research Institute	Birds	intravenous pathogenicity index (IVPI) test	20/02/2012	Positive
National laboratory	Animal Health Research Institute	Birds	virus isolation	20/02/2012	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	13/02/2012	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	13/02/2012	Positive
National laboratory	Animal Health Research Institute	Birds	haemagglutination inhibition test (HIT)	13/02/2012	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 1 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

