

Immediate notification report

Report reference: 304/11, Ref OIE: 10831, Report Date: 26/07/2011, Country: Cambodia

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 a listed disease
Date of first confirmation of the event	18/07/2011	Date of Start of Event	13/07/2011
Date of report	26/07/2011	Date Submitted To OIE	28/07/2011
Diagnosis	Suspicion, Clinical, Laboratory (basic), Necropsy	Date Of Last Occurrence	01/10/2010
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Sen Sovann
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Outbreak (this report - submitted) (304/11)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
TAKEO	Bati	Trapang Sap	Not applicable	Phnom Tamao zoo	11,28	104,83	13/07/2011	25/07/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	29	19	10	0		

Affected Population

It is a rescue center providing feed to wild birds to prevent undernourishment. The area where wild birds gather in the zoo is about one hectare with several ponds of limited size and one pond about 5,000 m2. Every evening 2 workers distribute fish on the bank of this big pond to provide supplement diet to the wild birds. This distribution of feed is done from June to December, during the rainy season because wild birds are numerous to pass through of the zoo. The origin of these birds is not clear; possibly they come from Tonle Sap River.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		29	19	10	0

Epidemiology

Epidemiological comments

On 13 July 2011, in the morning, a worker found 11 dead wild birds around different ponds and 3 birds dead in the quarantine. The carcasses were buried and TH4 was sprayed everywhere. The veterinarian indicated that Newcastle or fowl cholera were originally suspected.

On 14 July 2011, 3 dead birds and 10 sick birds were found; symptoms were immobility, wings down, severe depression. The sick birds were culled. Two carcasses were sent to the National Veterinary Research Institute (NaVRI).

On 15 July 2011, 2 dead birds were found and buried.

On 16 July 2011, no new mortality was observed.

On 18 July 2011 the result of test by NaVRI confirmed positive H5N1. The investigation team from NaVRI with the cooperation of the Phnom Tamao zoo veterinary conducted an investigation in the zoo and carried out surveillance in neighboring village near the zoo from 19-25 July 2011.

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

Control Measures

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

Country / Zone

Country or zone a zone or compartment

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Veterinary Research Institute (NaVRI)	Wild species	real-time PCR	18/07/2011	Positive
National laboratory	National Veterinary Research Institute (NaVRI)	Wild species	inoculation test	18/07/2011	Positive

Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.

Outbreak maps

