

Follow-up report No.: 2

Report reference: BHT_HPAI_2012_01, OIE Ref: 11519, Report Date: 18/01/2012, Country: Bhutan

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	08/01/2012	Date of Start of Event	30/12/2011
Date of report	18/01/2012	Date Submitted To OIE	18/01/2012
Diagnosis	Clinical, Laboratory (advanced)	Date Of Last Occurrence	25/03/2010
Number Of Reported Outbreaks	Submitted= 3, Draft= 0	Name of Sender of the report	Mr Tenzin Dhendup
Address	PO Box # 113 THIMPHU	Position	Director
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Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chukha	Bjabcho	Village	Mebesa	26,978	89,3397	30/12/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2010	103	103	1581	0		
Affected Population								
The new cases have occurred in backyard poultry in Mebesa village located above the district road off the national highway in Chhukha district.								

Outbreak (other report - submitted) (BHT_HPAI_2012_01)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chukha	Bjabcho	Village	Tsimasham	27,1024	89,5617	30/12/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2010	87	87	1241	0		
Affected Population								
A backyard poultry farm adjacent to the national highway.								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
Thimphu	Thimphu	Chang	Village	Chang Gedaphu	27,6482	89,5179	13/01/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	270	38	38	232	0		

Affected Population	A poultry backyard farm within Thimphu City
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Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	4290	228	228	3054	0

Epidemiology

Epidemiological comments
The outbreak at Mebesa village seems to have preceded the outbreak at Tsimasham village based on the trace-back mechanisms and time-line of the occurrence of events. The outbreaks at Mebesa and Tsimasham appear to be epidemiologically linked but need to be confirmed from the results of the virus sequencing and phylogenetic studies.

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 • Movement control inside the country • Screening • 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
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Centre for Animal Health	Birds	real-time PCR	10/01/2012	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

