

## Follow-up report No.: 3

Report reference: BHT\_HPAI\_01, OIE Ref: 9078, Report Date: 25/03/2010, Country: Bhutan

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N1
<b>Clinical Signs</b>	Yes	<b>Reason</b>	First occurrence of a listed disease
<b>Date of first confirmation of the event</b>	22/02/2010	<b>Date of Start of Event</b>	18/02/2010
<b>Date of report</b>	25/03/2010	<b>Date Submitted To OIE</b>	25/03/2010
<b>Diagnosis</b>	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	<b>Number Of Reported Outbreaks</b>	Submitted= 5, Draft= 0
<b>Name of Sender of the report</b>	Mr Tenzin Dhendup	<b>Address</b>	PO Box # 113 THIMPHU
<b>Position</b>	Director	<b>Telephone</b>	(975-2) 323 146 - 324 281
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<b>Entered by</b>	Mr Tenzin Dhendup		

### Outbreak (other report - submitted) ( BHT\_HPAI\_01 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chhukha	Phuntsholing	Village	Rinchending	26,8559	89,416	18/02/2010	25/03/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	500	14	8	28	0		
<b>Affected Population</b>		Free-range chickens. All birds in the infected premises were culled.						

### Outbreak (other report - submitted) ( BHT\_HPAI\_02 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chukha	Samphelling	Village	Pasakha	26,8065	89,4832	20/02/2010	25/03/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1200	3	3	1091	0		
<b>Affected Population</b>		Free-range poultry.						

### Outbreak (other report - submitted) ( BHT\_HPAI\_03 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chhukha	Phuentsholing	Village	Toorsa	26,8559	89,4047	25/02/2010	25/03/2010

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	434	3	3	431	0
Affected Population		Free-range village chickens				

#### Outbreak (other report - submitted) ( BHT\_HPAI\_05 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chhukha	Phuentsholing	Village	Ramitey	26,9063	89,4272	11/03/2010	25/03/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	53	2	2	51	0		
Affected Population		Free-range village chickens						

#### Outbreak (this report - submitted) ( BHT\_HPAI\_06 )

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chukha	Samphelling	Village	Burkhey	26,8895	89,5112	14/03/2010	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1371	2	2	1369	0		
Affected Population		Free-range village chickens in a village not accessible by motorable road.						

#### Outbreak summary: Total outbreaks = 5 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	3558	24	18	2970	0

#### Epidemiology

**Epidemiological comments**

The clinical signs and gross lesions are consistent with highly pathogenic avian influenza. The rapid field test shows positive for influenza A and H5.

**Source of the outbreak(s) or origin of infection**

- Fomites (humans, vehicles, feed, etc.)
- Illegal movement of animals
- Unknown or inconclusive

#### Control Measures

<b>Applied</b>	<ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Dipping / Spraying</li> </ul>	<b>To be applied</b>	• No Planned Control Measures
		<b>Vaccination Prohibited</b>	Yes
<b>Animals treated</b>	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	National Centre for Animal Health	Birds	real-time PCR	19/03/2010	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.

The event is continuing. Weekly follow-up reports will be submitted.

## Outbreak maps

