

Follow-up report No.: 6

Report reference: BHT_HPAI_2012_01, OIE Ref: 11873, Report Date: 20/04/2012, 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	20/04/2012	Date Submitted To OIE	20/04/2012
Diagnosis	Clinical, Laboratory (advanced)	Date Of Last Occurrence	25/03/2010
Number Of Reported Outbreaks	Submitted= 11, Draft= 0	Name of Sender of the report	Mr Tenzin Dhendup
Address	PO Box # 113 THIMPHU	Position	Director
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Outbreak (other 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	1907	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)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
CHHUKHA	Chukha	Village	Dala	26,8962	89,4697	30/12/2011		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	136	22	8	128	0		
Affected Population								
A backyard poultry farm adjacent to the national highway								

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
CHHUKHA	Chukha	Village	Kamji	26,9388	89,4933	30/12/2011		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	96	13	8	88	0		

Affected Population	A backyard poultry farm adjacent to the national highway
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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	1923	0		
Affected Population		A backyard poultry farm adjacent to the national highway.						

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
CHHUKHA	Chukha	Farm	Bunagu	26,9679	89,5852	08/01/2012		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	123	37	35	88	0		
Affected Population		A backyard poultry farm adjacent to the national highway.						

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
CHHUKHA	Chukha	Village	Maybari	27,1629	89,5549	08/01/2012		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	290	3	3	287	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						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHHUKHA	Chukha	Phuntsholing	Village	Wangdigashel	26,8794	89,4003	10/02/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	652	12	12	632	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
CHHUKHA	Chukha	Bongo	Farm	Gedu	26,9074	89,5572	17/02/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	231	10	5	226	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
CHHUKHA	Chhukha	Sampheling	Village	Burkey	26,8458	89,4765	02/03/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1050	1	1	131	0		
Affected Population		Backyard scavenging poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
Mongar	Mongar	Gongdue	Village	Yangbari	27,0195	91,1879	27/03/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	265	70	70	0	0		
Affected Population		Backyard free-ranging chicken in two villages, Yangbari and Patong						

Outbreak summary: Total outbreaks = 11 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	7133	396	370	5642	0

Epidemiology

Epidemiological comments
One carcass tested positive to real-time PCR on 5 April. However, subsequently 16 samples from the affected and nearby villages tested negative to H5N1. Clinical and laboratory surveillance within 3 km radius showed no new cases. Therefore, at this stage, this could be a suspected H5N1 outbreak.

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 • 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	05/04/2012	Positive

Future Reporting

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

There are 11 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

