

Immediate notification report

Report reference: BHT_HPAI_2015_01 REF OIE 17533, Report Date: 16/04/2015, Country : Bhutan

Report Summary

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		Date submitted to OIE	16/04/2015

Animal type	Terrestrial	Date of report	16/04/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	03/04/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	06/04/2015
Serotype(s)	H5N1	Date of last occurrence	17/04/2013
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced), Necropsy
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

District	Number of outbreaks	Sub-district	village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
THIMPHU- (this report - submitted)	-	Thimphu Thromde		Backyard	Motithang City Camp	27.4943	89.6421	03/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	37	16	16	21	0			
Affected Population									

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	37	16	16	21	0

Epidemiology

Epidemiological comments

The outbreak has occurred in a backyard, free-ranging poultry population. While interviewing the owners of the birds, none of the mentioned source of infection could be ascertained. Further investigation on the source of infection will be followed-up. A host-pathogen interaction particularly in this case would be potential research topic. Only a small number of birds in an isolated pocket was affected. No further infection in flocks in close proximity was detected.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • stamping out • quarantine • movement control inside the country • screening • zoning • disinfection of infected premises/establishment(s) • dipping / spraying 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	National Institute of High Security Animal Diseases (NIHSAD), Bhopal, India	Birds	real-time PCR	14/04/2015	Positive
National laboratory	National Centre for Animal Health, Serbithang, Thimphu	Birds	real-time PCR	06/04/2015	Positive

Future Reporting

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

Outbreak maps

