



Information received on 24/10/2016 from Dr Tashi Samdup, Director General, Department of Livestock, Ministry of Agriculture and Forests, Thimphu, Bhutan

Summary

Report type	Immediate notification
Date of start of the event	10/10/2016
Date of confirmation of the event	20/10/2016
Report date	24/10/2016
Date submitted to OIE	24/10/2016
Reason for notification	Reoccurrence of a listed disease
Date of previous occurrence	11/2015
Manifestation of disease	Clinical disease
Causal agent	Highly pathogenic avian influenza virus
Serotype	H5N1
Nature of diagnosis	Laboratory (basic), Laboratory (advanced)
This event pertains to	a defined zone within the country

New outbreaks (1)

Outbreak 1	Alubari, Wangkha, Bjabcho, CHHUKHA					
Date of start of the outbreak	10/10/2016					
Outbreak status	Continuing (or date resolved not provided)					
Epidemiological unit	Backyard					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	3000	13	13	61	0
Affected population	Affected population is backyard poultry in one household.					

Summary of outbreaks	Total outbreaks: 1					
Total animals affected	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	3000	13	13	61	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Birds	0.43%	0.43%	100.00%	2.47%	
*Removed from the susceptible population through death, destruction and/or slaughter						

Epidemiology

Source of the outbreak(s) or origin of infection	Unknown or inconclusive
Epidemiological comments	The outbreak has occurred in a backyard, free-ranging poultry population. While interviewing the owners of the birds, none of them mentioned source of infection. Further investigation on the source of infection will be followed-up. Only a small number of birds in an isolated pocket was affected. No further infection in flocks in close proximity was detected.

Control measures

	Movement control inside the country Screening Disinfection / Disinfestation Dipping / Spraying
--	---

Measures applied	Quarantine Stamping out Zoning Vaccination prohibited No treatment of affected animals
Measures to be applied	No other measures

Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
National Centre for Animal Health, Serbithang, Thimphu (National laboratory)	Birds	real-time PCR	13/10/2016	Positive
National Institute of High Security Animal Diseases (NIHSAD), Bhopal, India (OIE Reference Laboratory)	Birds	real-time PCR	20/10/2016	Positive

Future Reporting

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

Map of outbreak locations

