

Follow-up report No.2

Report reference: , Reference OIE : 12793, Report Date : 24/12/2012, Country : Nepal

Report Summary

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		Date submitted to OIE	24/12/2012

Animal type	Terrestrial	Date of report	24/12/2012
Disease	Highly pathogenic avian influenza	Date of start of the event	27/08/2012
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	03/09/2012
Serotype(s)	H5N1	Date of last occurrence	30/03/2012
Reason	Reoccurrence of a listed disease	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 3, Draft= 0		

Outbreak details

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI-other report - submitted	-	Lalitpur	Sanchal	Farm	Sanepa-2	27.689	85.302	27/08/2012	04/10/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2500	2500	2500	0	0			
Affected Population	A commercial layer farm rearing dual purpose breed of different age group.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI-other report - submitted	-	Bhaktapur	Bode	Farm	Madhyapur Thimi	27.696	85.393	06/10/2012	17/10/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2000	1220	1220	780	0			
Affected Population	A commercial layer farm having 2,000 birds of 1 year of age.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BAGMATI- (this report - submitted)	-	Dhading	Naubise VDC 1	Farm	Dharke	27.735	85.133	13/12/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	2850	2850	150	0			
Affected Population	A commercial farm with 42-day-old broiler chicken reared in a closed farm premises.								

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	7500	6570	6570	930	0

Epidemiology

Epidemiological comments

Birds showed swollen head with respiratory distress and started to die. High morbidity and mortality were recorded in the affected farm. All remaining birds, poultry product and poultry production materials were destroyed and disposed as per the standard operating procedure. Cleaning and disinfection activities are being continued. Intensive surveillance activities are ongoing throughout the country. The neuraminidase type is not yet known.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

<ul style="list-style-type: none"> • control of wildlife reservoirs • stamping out • quarantine • movement control inside the country • screening • disinfection of infected premises/establishment(s) • dipping / spraying 	<ul style="list-style-type: none"> • no planned control measures
Applied	To be applied
<ul style="list-style-type: none"> • control of wildlife reservoirs • stamping out • quarantine • movement control inside the country • screening • 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
National laboratory	Central Veterinary Laboratory	Birds	polymerase chain reaction (PCR)	18/12/2012	Positive
National laboratory	Central Veterinary Laboratory	Birds	rapid tests	18/10/2012	Positive

Future Reporting

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

Outbreak maps

