

Follow-up report No.: 1

Report reference: , OIE Ref: 11616, Report Date: 12/02/2012, Country: Nepal

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	14/11/2011	Date of Start of Event	10/11/2011
Date of report	12/02/2012	Date Submitted To OIE	12/02/2012
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	30/10/2010
Number Of Reported Outbreaks	Submitted= 4, Draft= 0	Name of Sender of the report	Dr Nar Bahadur Rajwar
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Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAGMATI	Bhaktapur	Madhyapur Thimi Municipality - 16	Village	Manahara Phat	27,67	85,35	10/11/2011	11/01/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	396	88	88	308	0		
Affected Population		Backyard chicken and duck population						

Outbreak (this report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAGMATI	Kathmandu	Kathmandu Municipality-31	Not applicable	Near City Hall	27,703	85,317	17/01/2012	17/01/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	4	4	0	0		
Affected Population		Four crows were found dead near the city hall of Kathmandu Metropolitan City-31 on 17 January 2012. Crows are widely distributed throughout the residential area in Nepal.						

Outbreak (this report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Ilam/Panchthar (bordering area)	Phaktep-5 (Panchthar)/Phakpok 2 (Ilam)	Village	Dhurbise Panchami	27,014	87,736	18/01/2012	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	741	500	500	241	0

Affected Population

Backyard chicken reared in the bordering village of Ilam and Panchthar districts were found having clinical signs and mortality during the routine surveillance activity. Dead birds collected from the area were found positive for HPAI.

Outbreak (this report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
KOSHI	Sunsari	Khanar VDC-4	Farm	Pathivara poultry farm, Khanar-4	26,635	87,28	19/01/2012	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	5000	2615	2615	2385	0

Affected Population A commercial layer farm at the initial stage of laying

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	6137	3203	3203	2934	0
Wild species		4	4	0	0

Epidemiology

Epidemiological comments

Stamping out and cleaning and disinfection of the infected premises in Manahara Phat were completed on 30 November 2011. Post-operative surveillance activities were carried out for 42 days and no further cases were detected.

Risk-based intensive surveillance is being carried out throughout the country including wild bird zone for avian influenza.

For the outbreak concerning wild birds the date of end of the outbreak is the same as the date when the birds were found dead. The susceptible population is not known as the cases have been detected in wild roaming crows.

Stamping out activity has been completed in Pathivara poultry farm on 6 February 2012 and cleaning, disinfection and sealing of the infected farm was completed on 8 February 2012. Post-operative surveillance has been carried out as per the national surveillance plan of Nepal.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • 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	the whole country
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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)	26/01/2012	Positive
OIE's Reference Laboratory	Veterinary Laboratories Agency (VLA), Weybridge, United Kingdom	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	03/02/2012	Positive
National laboratory	Central Veterinary Laboratory	Birds	polymerase chain reaction (PCR)	27/01/2012	Positive
OIE's Reference Laboratory	Veterinary Laboratories Agency (VLA), Weybridge, United Kingdom	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	02/02/2012	Positive
OIE's Reference Laboratory	Veterinary Laboratories Agency (VLA), Weybridge, United Kingdom	Wild species	reverse transcription - polymerase chain reaction (RT-PCR)	27/01/2012	Positive
National laboratory	Central Veterinary Laboratory	Wild species	rapid tests	19/01/2012	Positive
National laboratory	Central Veterinary Laboratory	Wild species	polymerase chain reaction (PCR)	19/01/2012	Positive

Future Reporting

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

There are 2 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

