

Follow-up report No.: 4

Report reference: , OIE Ref: 11803, Report Date: 26/03/2012, 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	26/03/2012	Date Submitted To OIE	26/03/2012
Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	30/10/2010
Number Of Reported Outbreaks	Submitted= 13, 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 (other 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 (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
KOSHI	Sunsari	Bajraha	Farm	Itahari Municipality-6	26,656	87,252	31/01/2012	14/02/2012

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	9500	4647	4647	4853	0
Affected Population		A commercial layer and dual purpose breed farm				

Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Jhapa	Arjundhara	Village	Arjundhara VDC 7	26,673	87,982	06/02/2012	13/02/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	264	122	122	142	0		
Affected Population		Backyard bird population in a small clustered village						

Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Jhapa	Charpane	Farm	Charpane VDC 3	26,636	87,962	06/02/2012	13/02/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1800	964	964	836	0		
Affected Population		A commercial 56-week-old layer farm						

Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Jhapa	Pathamari	Village	Pathamari VDC 1	26,414	88,043	06/02/2012	13/02/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	650	361	361	289	0		
Affected Population		Backyard bird population raised in a clustered village						

Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Jhapa	Tagandubba	Village	Tagandubba VDC 7	26,496	87,893	16/02/2012	05/03/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	136	93	93	43	0		
Affected Population		Backyard bird population clustered in a small village						

Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
MECHI	Jhapa	Khumarkhod	Village	Kumarkhod VDC 1	26,496	87,893	16/02/2012	05/03/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	180	125	125	55	0		

Affected Population	Backyard bird population clustered in a village
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Outbreak (other report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
KOSHI	Sunsari	Narsinghatappu	Village	Narsinghatappu VDC 1 and 3	26,585	87,105	26/02/2012	05/03/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	152	108	108	44	0		
Affected Population		Backyard bird population clustered in a small village						

Outbreak (other 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	05/03/2012	05/03/2012
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 (other 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	05/03/2012	05/03/2012
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 (this report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAGMATI	Kathmandu	Sheshnarayan-8	Farm	Dullu	27,629	85,261	05/03/2012	23/03/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	15220	15160	15160	60	0		
Affected Population		A commercial layer farm located in a village where ducks, quails and pigs were raised separately inside the farm premises						

Outbreak (this report - submitted)

Zone	District	Village	Unit Type	Location	Latitude	Longitude	Start date	End Date
BAGMATI	Lalitpur	Saibu-5	Farm	Khadakagaun	27,6435	85,3016	16/03/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9600	6646	6646	2954	0		
Affected Population		Two adjoining commercial poultry farms having layers in two sheds and broilers in one shed						

Outbreak summary: Total outbreaks = 13 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	43639	31429	31429	12210	0
Wild species		4	4	0	0

Epidemiology**Epidemiological comments**

Stamping out followed by cleaning, disinfection, disposal and sealing of the infected premises have already been completed at the Dullu layer farm whereas stamping out has been completed and cleaning and disinfection of the infected premises is being done at the commercial poultry farm at Sainbu-5. Post-operative surveillance activities are being intensively carried out throughout the country.

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

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)	20/03/2012	Positive
National laboratory	Central Veterinary Laboratory	Birds	polymerase chain reaction (PCR)	14/03/2012	Positive

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

There are 1outbreaks 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

