



**Highly pathogenic avian influenza,
Nepal**

Information received on 21/01/2013 from Dr Nar Bahadur Rajwar, Director General, Department of Livestock Services, Department of Livestock Services, Lalitpur, Nepal

Summary

Report type	Follow-up report No. 5
Date of start of the event	27/08/2012
Date of pre-confirmation of the event	03/09/2012
Report date	21/01/2013
Date submitted to OIE	21/01/2013
Reason for notification	Reoccurrence of a listed disease
Date of previous occurrence	30/03/2012
Manifestation of disease	Clinical disease
Causal agent	Highly pathogenic avian influenza virus
Serotype	H5N1
Nature of diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
This event pertains to	the whole country
Related reports	Immediate notification (14/10/2012) Follow-up report No. 1 (02/11/2012) Follow-up report No. 2 (24/12/2012) Follow-up report No. 3 (06/01/2013) Follow-up report No. 4 (18/01/2013) Follow-up report No. 5 (21/01/2013)

New outbreaks (4)

Outbreak 1	Kosheghari, Pokhara Sub Metro Polis 17, Kaski, GANDAKI					
Date of start of the outbreak	02/01/2013					
Outbreak status	Resolved (16/01/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	1100	272	272	828	0
Affected population	A commercial broiler farm with birds raised in an intensive farming system					

Outbreak 2	Simpani, Pokhara Sub Metro Polis 1, Kaski, GANDAKI					
Date of start of the outbreak	06/01/2013					
Outbreak status	Resolved (16/01/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	255	150	150	105	0
Affected population	A commercial broiler farm with birds raised in an intensive farming system					

Outbreak 3	Batulechaur, Pokhara Sub Metro Polis 16, Kaski, GANDAKI					
Date of start of the outbreak	06/01/2013					
Outbreak status	Resolved (16/01/2013)					

Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	200	90	90	110	0
Affected population	A commercial broiler farm with birds raised in an intensive farming system					

Outbreak 4	Sedibagar, Sarangkot - 7, Kaski, GANDAKI					
Date of start of the outbreak	06/01/2013					
Outbreak status	Resolved (16/01/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	1605	600	600	1005	0
Affected population	A commercial broiler farm with birds raised in an intensive farming system					

Summary of outbreaks	Total outbreaks: 4					
Total animals affected	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	3160	1112	1112	2048	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Birds	35.19%	35.19%	100.00%	100.00%	
*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	Birds showed respiratory distress, nervous signs and all affected birds died. Cleaning and disinfection activities in the infected premises are completed. Intensive surveillance activities are ongoing throughout the country.

Control measures

Measures applied	Control of wildlife reservoirs Stamping out Quarantine Movement control inside the country Screening Disinfection of infected premises/establishment(s) Dipping / Spraying 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
Central Veterinary Laboratory (National laboratory)	Birds	polymerase chain reaction (PCR)	13/01/2013	Positive
Central Veterinary Laboratory (National laboratory)	Birds	rapid tests	13/01/2013	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.
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Map of outbreak locations

