



**Highly pathogenic avian influenza,
Nepal**

Information received on 15/02/2013 from Dr Nar Bahadur Rajwar, Director General, Department of Livestock Services, Department of Livestock Services, Lalitpur, Nepal

Summary

Report type	Follow-up report No. 6
Date of start of the event	27/08/2012
Date of pre-confirmation of the event	03/09/2012
Report date	15/02/2013
Date submitted to OIE	15/02/2013
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) Follow-up report No. 6 (15/02/2013)

New outbreaks (5)

Outbreak 1	Anarmani, Anarmani VDC 1, Jhapa, MECHI					
Date of start of the outbreak	04/02/2013					
Outbreak status	Resolved (12/02/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	60	34	34	26	0
Affected population	Backyard birds raised in a small village in free-range system					

Outbreak 2	Phedibazzar, Jitpurphedi 1, Kathmandu, BAGMATI					
Date of start of the outbreak	04/02/2013					
Outbreak status	Resolved (09/02/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	3500	1110	1110	2390	0
Affected population	A commercial broiler flock 32 days old raised in a closed premises.					

Outbreak 3	Nayapati, Nayapti VDC 7, Kathmandu, BAGMATI					
Date of start of the outbreak	04/02/2013					

Outbreak status	Resolved (10/02/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	3000	247	247	2753	0
Affected population	A commercial broiler flock 35 days old reared in a closed farm.					

Outbreak 4	Nepaltar, Manamaiju 1, Kathmandu, BAGMATI					
Date of start of the outbreak	04/02/2013					
Outbreak status	Resolved (11/02/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	7500	1440	1440	6060	0
Affected population	A commercial broiler flock 33 days old raised in a closed farm					

Outbreak 5	Sowkhel, Setidevi VDC 4, Kathmandu, BAGMATI					
Date of start of the outbreak	05/02/2013					
Outbreak status	Resolved (10/02/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	2500	820	820	1680	0
Affected population	A commercial broiler flock 33 days old raised in a closed farm					

Summary of outbreaks	Total outbreaks: 5					
Total animals affected	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	16560	3651	3651	12909	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Birds	22.05%	22.05%	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
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Measures to be applied

No other measures

Future Reporting

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

Map of outbreak locations

