



Information received on 25/02/2017 from Dr Bimal Kumar Nirmal, Doctor, Department of Livestock Services, DGA openRR, NEPAL, Nepal

Summary

Report type	Immediate notification
Date of start of the event	17/02/2017
Date of confirmation of the event	22/02/2017
Report date	25/02/2017
Date submitted to OIE	25/02/2017
Reason for notification	Reoccurrence of a listed disease
Date of previous occurrence	22/05/2014
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

New outbreaks (1)

Outbreak 1	Khalte masina, Pokhara Sub Metropolitan city-18, Kaski, GANDAKI					
Date of start of the outbreak	17/02/2017					
Outbreak status	Resolved (25/02/2017)					
Epidemiological unit	Backyard					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	395	98	98	297	0
Affected population	Chicken and ducks reared under a backyard system					

Summary of outbreaks	Total outbreaks: 1					
Total animals affected	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	395	98	98	297	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Birds	24.81%	24.81%	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	Ducks reared under a backyard system started to show torticollis and greenish white diarrhea and died. Chicken reared in the same premises also died acutely without showing any prominent clinical signs. Premises adjoining to the affected household also showed the similar symptoms with few deaths.

Control measures

Measures applied	Movement control inside the country Screening Disinfection / Disinfestation Quarantine Surveillance outside containment and/or protection zone Stamping out Official destruction of animal products Official disposal of carcasses, by-products and waste Surveillance within containment and/or protection zone 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	rapid tests	22/02/2017	Positive
Central Veterinary Laboratory (National laboratory)	Birds	real-time PCR	23/02/2017	Positive

Future Reporting

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

Map of outbreak locations