

Follow-up report No.2 (Final report)

Report reference: , Reference OIE : 27597, Report Date : 19/08/2018, Country : Nepal

Report Summary

Name of sender of the report	Dr Bimal Kumar Nirmal	Telephone	+977 5522056
Position	Doctor	Fax	+977 1 55 42 915
Address	Hariharbhawan, Lalitpur NEPAL	Email	bknirmal2001@yahoo.com
		Date submitted to OIE	19/08/2018

Animal type	Terrestrial	Date of report	19/08/2018
Disease	Highly pathogenic avian influenza	Date of start of the event	03/05/2018
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	15/05/2018
Serotype(s)	H5N1	Date of last occurrence	10/03/2017
Reason	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Narayani-other report - submitted	-	Chitwon	Khairehani	Farm	Khairehani-9	27.60725	84.58228	03/05/2018	15/05/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	13591	1500	1500	12091	0			
Affected Population	Commercial layers of 72 weeks exhibiting symptoms of cyanotic comb, swollen head, mucus discharge from nostril and sudden death								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	13591	1500	1500	12091	0

Epidemiology

Epidemiological comments

Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Chitwon was completed on 15.05.2018. Samples will be sent to the OIE reference laboratory, Geelong, Australia for genetic characterization very soon. Post-operative surveillance in the surveillance zone throughout the outbreak area and also in other risk areas, including live bird market and wild water bird area of the country, was intensified. During the surveillance period a total of 315 samples (88 tracheal swabs, 87 cloaca swabs, 70 environmental swabs and 70 serum samples) were collected and tested. None of the sample showed further evidence of highly pathogenic avian influenza (HPAI) for more than 90 days after the last outbreak in Chitwon district of Nepal. The event is resolved.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • surveillance outside containment and/or protection zone • screening • quarantine • official destruction of animal products • official disposal of carcasses, by-products and waste • stamping out • disinfection 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps

