

Follow-up report No.2 (Final report)

Report reference: , Reference OIE : 24025, Report Date : 11/06/2017, Country : Nepal

Report Summary

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Animal type	Terrestrial	Date of report	11/06/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	17/02/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	22/02/2017
Serotype(s)	H5N1	Date of last occurrence	22/05/2014
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= 2, Draft= 0		

Outbreak details

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GANDAKI-other report - submitted	-	Kaski	Pokhara Sub Metropolitan city-18	Backyard	Khalte masina	28.16839	84.02324	17/02/2017	25/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	395	98	98	297	0			
Affected Population	Chicken and ducks reared under a backyard system								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GANDAKI-other report - submitted	-	Kaski	Bhim devi marg, Subhkamana Tole	Backyard	Pokhara sub-metropolitan city-18	28.17322	84.02174	28/02/2017	05/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	2162	...	0	2162	0			
Affected Population	The outbreak was detected as a result of post-operative surveillance outside the containment zone of the first outbreak in Khalte masina area. However, the backyard chicken showed no apparent clinical signs and symptoms.								

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	2557	98	98	2459	0

Epidemiology

Epidemiological comments

Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Kaski was completed on 5 March 2017. Samples were sent to the OIE Reference Laboratory, Geelong, Australia, for genetic characterization and the clade was identified as 2.3.2.1a. During post-operative surveillance in the surveillance zone throughout the outbreak area and also in other risk areas including live bird markets and wild water bird area of the country surveillance was intensified. During the surveillance period, a total of 567 samples (345 tracheal swabs, 87 cloacal swabs, 21 environmental swabs, 4 dead birds, 30 fresh fecal samples and 80 serum samples) were collected and tested. None of the samples showed further evidence of Highly Pathogenic Avian Influenza (HPAI) for more than 90 days from the last outbreak in Kaski district of Nepal.

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 • 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

No	Yes
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps

