

Follow-up report No.1 (Final report)

Report reference: , Reference OIE : 24027, Report Date : 11/06/2017, 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	Department of Livestock Services	Email	bknirmal2001@yahoo.com
	Hariharbhawan, Lalitpur NEPAL	Date submitted to OIE	11/06/2017

Animal type	Terrestrial	Date of report	11/06/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	01/03/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	08/03/2017
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	the whole country		
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:
KOSHI-other report - submitted	-	Sunsari	Santitole,Khanar	Farm	Itahari-12	26.635389	87.271422	01/03/2017	10/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	6200	3650	3650	2550	0			
Affected Population	40-weeks and 20-weeks old commercial layers birds reared in a two different sheds.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	6200	3650	3650	2550	0

Epidemiology

Epidemiological comments

Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Khanar, Sunsari was completed on 10 March 2017. Samples were sent to the OIE Reference Laboratory, Geelong, Australia, for genetic characterization and clade was identified as 2.3.4.4. During the 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 654 samples(267 tracheal swabs,173 cloacal swabs, 14 environmental swabs, 6 dead birds, 32 fresh fecal samples and 162 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 Sunsari district of Nepal. Therefore, Nepal declares itself free from HPAI with effect from 10 June 2017. 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 • screening • quarantine • 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

