

Follow-up report No.2 (Final report)

Report reference: , Reference OIE : 27879, Report Date : 11/09/2018, Country : Nepal

Report Summary

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Animal type	Terrestrial	Date of report	11/09/2018
Disease	Highly pathogenic avian influenza	Date of start of the event	20/05/2018
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	22/05/2018
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= 2, Draft= 0		

Outbreak details

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Bagmati-other report - submitted	-	Kathmandu	Lambagar	Backyard	Tarkeshwor municipality-6	27.75128	85.30257	20/05/2018	23/08/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	5633	270	240	5393	0			
Affected Population	Ducks reared in a backyard. Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Tarkeshwor, Kathmandu, were completed on 22.05.2018. During the surveillance period, a total of 319 samples (91 tracheal swabs, 80 cloacal swabs, 78 environmental swabs, and 70 serum samples) were collected and tested.								

a zone or compartment	Number of outbreaks	District	Village	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Bagmati-other report - submitted	-	Lalitpur	Mahadev dada	Farm	Godawari municipality	27.60447	85.37749	04/06/2018	10/09/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	6000	1340	1340	4660	0			
Affected Population	Commercial broilers of 5 weeks old. Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Godawari, Lalitpur, were completed on 25.05.2018. During the surveillance period, a total of 314 samples (83 tracheal swabs, 88 cloacal swabs, 85 environmental swabs, and 58 serum samples) were collected and tested.								

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	11633	1610	1580	10053	0

Epidemiology

Epidemiological comments
Samples will be sent to the OIE reference laboratory, Geelong, Australia for genetic characterization very soon. The postoperative 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. None of the samples showed the further evidence of highly pathogenic Avian Influenza (HPAI) for more than 90 days of the last outbreak in Kathmandu district of Nepal. Therefore, Nepal considers itself free from HPAI with effect from 10.09.2018.
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied

Applied	To be applied
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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

