

Follow-up report No.2

Report reference: NRL-AI/BLRI/RT-PCR/2017/21, Reference OIE : 25627, Report Date : 08/01/2018, Country : Bangladesh

Report Summary

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Animal type	Terrestrial	Date of report	08/01/2018
Disease	Highly pathogenic avian influenza	Date of start of the event	15/01/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	16/01/2017
Serotype(s)	H5N1	Date of last occurrence	04/02/2016
Reason	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 4, Draft= 0		

Outbreak details

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DHAKA-other report - submitted	-	Dhaka	Dhamrai	Farm	SS Agro Complex, Burokoi, Kulla	23.860432	90.215858	15/01/2017	16/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	3000	3000	732	2268	0			
Affected Population	On 16 January 2017 a poultry farm (Sonali type poultry, Age: 15 weeks) infected with highly pathogenic avian influenza (HPAI) was reported by the livestock authority and the birds were culled on the same day by burial method with proper disinfection.								

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DHAKA-other report - submitted	-	Dhaka		Backyard	Uttara	23.87161	90.36951	13/04/2017	20/04/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	...	50	15	35	0			
Phasianidae (unidentified):Phasianidae (Phasianidae (incognita))	Animals	...	52	25	27	0			
Affected Population	Sudden deaths								

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DHAKA-other report - submitted	-	Dhaka		Farm	Mintu Road	23.996073	90.394991	20/04/2017	23/04/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	...	58	26	32	0			
Affected Population	Sudden deaths								

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DHAKA- (this report - submitted)	-	Mymensingh	Fulbari	Farm	Soyaitpur	24.483073	90.253265	15/12/2017	31/12/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	...	4000	3560	440	...			
Affected Population	Sudden death, yellowish diarrhea								

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	3000	7108	4333	2775	0

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Phasianidae (unidentified)		52	25	27	0

Epidemiology

Epidemiological comments

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • official disposal of carcasses, by-products and waste • disinfection 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	No

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Bangladesh Livestock Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	02/01/2018	Positive

Future Reporting

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

Outbreak maps

