

### Follow-up report No.3

Report reference: NRL-AI/BLRI/RT-PCR/2017/21, Reference OIE : 26449, Report Date : 13/04/2018, Country : Bangladesh

#### Report Summary

<b>Name of sender of the report</b>	Dr Ainul Haque	<b>Telephone</b>	+880 1796262723
<b>Position</b>	Director General	<b>Fax</b>	+880 291 10326
<b>Address</b>	Prani Sampad Bhaban Khamar Baree Sarak Farmgate Dhaka	<b>Email</b>	dgds16@gmail.com
		<b>Date submitted to OIE</b>	13/04/2018

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	13/04/2018
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	15/01/2017
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	16/01/2017
<b>Serotype(s)</b>	H5N1	<b>Date of last occurrence</b>	04/02/2016
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 5, 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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
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-other report - submitted	-	Mymensingh	Fulbari	Farm	Soyaitpur	24.483073	90.253265	15/12/2017	31/12/2017
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Birds	Animals	...	4000	3560	440	...			
Affected Population	Sudden death, yellowish diarrhea								

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Khulna- (this report - submitted)	-	Jhenaidah		Farm	Jhenaidah Cadet College	23.5672	89.1773	21/03/2018	26/03/2018

Division	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	...	385	385	0	0			
Affected Population	319 eggs destroyed.								

### Outbreak summary: Total outbreaks = 5 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	3000	7493	4718	2775	0
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"> <li>• surveillance outside containment and/or protection zone</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• stamping out</li> <li>• disinfection</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
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)	03/04/2018	Positive

### Future Reporting

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

## Outbreak maps

