

Follow-up report No.: 1

Report reference: , OIE Ref: 5319, Report Date: 30/04/2007, Country: Bangladesh

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of confirmation of Event	22/03/2007	Date of Start of Event	05/02/2007
Date of report	30/04/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 12, Draft= 0	Name of Sender of the report	Mr Salehuddin Mahmud
Address	Krishi Khamar Sarak DHAKA	Position	Director General
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Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Chowdhury	23,72	90,4	07/04/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4000	706	706	3294	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Tangail	Bhuapur	Farm	Jalil	24,25	89,91	22/03/2007	27/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2004	62	62	1942	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Gazipur	Gazipursadar	Farm	Sumon	23,16	90,48	27/03/2007	31/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1200	800	800	400	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Narayanganj	Bandar	Farm	Akhter	23,62	90,5	22/03/2007	31/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1272	270	270	1002	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KHULNA DIV	Jessore	Sarsa	Farm	Safura	23,17	89,21	22/03/2007	31/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	125	49	49	76	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Jamalpur	Sharishabari	Farm	Rishad	24,333	88,91	01/04/2007	02/04/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1300	50	50	1250	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Jamalpur	Sharishabari	Farm	BhaiBhai	24,333	88,91	20/03/2007	27/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1900	90	90	1810	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Jamalpur	Sharishabari	Farm	Hazi Traders	24,333	88,91	25/03/2007	27/03/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4000	70	70	3930	0		
Affected Population		poultry						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Narayanganj	Narayanganjsadar	Farm	Mukta	23,62	90,5	25/03/2007	31/03/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	3000	208	208	2792	0
Affected Population		poultry				

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Jamalpur	Sharishabari	Farm	Naz poultry farm	24,333	88,91	05/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1000	13	13	987	0		
Affected Population		layer flock						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Jamalpur	Sharishabari	Farm	Bellal poultry farm	24,333	88,91	21/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2800	10	10	2790	0		
Affected Population		layer flock						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Biman poultry complex	35,35	90,15	22/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	32000	12000	12000	20000	0		
Affected Population		parent stock, commercial layer						

Outbreak summary: Total outbreaks = 12 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	54601	14328	14328	40273	0

Epidemiology

Epidemiological comments
Movement control was implemented within a 10-km-radius zone around the outbreaks.
Seven outbreaks occurred in commercial layer farms, two outbreaks in broiler farms and one outbreak in backyard poultry farm.
Source of Infection
• Unknown or inconclusive

Control Measures

Applied	To be applied
• Movement control inside the country	• No Planned Control Measures

	<ul style="list-style-type: none"> • Disinfection of infected premises/establishment(s) • Stamping out 	Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Central Disease Investigation Laboratory	Birds	rapid tests	06/04/2007	Positive
National laboratory	Central Disease Investigation Laboratory	Birds	rapid tests	26/03/2007	Positive
National laboratory	Bangladesh Livestock Research Institute	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	07/04/2007	Positive
National laboratory	Bangladesh Livestock Research Institute	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	27/03/2007	Positive
OIE's Reference Laboratory	VLA, Weybridge, United Kingdom	Birds	virus isolation	13/04/2007	Positive
OIE's Reference Laboratory	VLA, Weybridge, United Kingdom	Birds	real-time PCR	13/04/2007	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 4 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

