

Follow-up report No.: 2

Report reference: , OIE Ref: 5477, Report Date: 24/05/2007, 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	24/05/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 23, Draft= 0	Name of Sender of the report	Mr Salehuddin Mahmud
Address	Krishi Khamar Sarak DHAKA	Position	Director General
Telephone	(880-2) 811 5532 / 811 2983	Fax	(880-2) 911 0326
Email	dgdls@dotbd.com	Entered by	Mme Margarita Alonso

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Savar	23,72	90,4	13/04/2007	13/04/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2000	41	41	1959	0		
Affected Population			poultry in a semi-commercial farm					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KHULNA DIV	Magura	Magura sadar	Farm	Azmir	23,26	89,26	17/04/2007	
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	902		7	7	895	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KHULNA DIV	Jessore	Jhikargachha	Farm	Sharif	23,17	89,21	17/04/2007	18/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1494		718	718	776	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Kotwali	Farm	Shah Ali	23,72	90,4	14/04/2007	19/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	11957		385	385	11572	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Tejgaon	Farm	Hasan	23,72	90,4	14/04/2007	18/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	3025		165	165	2860	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Mahi	23,72	90,4	14/04/2007	18/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2411		372	372	2039	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Munia	23,72	90,4	14/04/2007	18/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1743		315	315	1428	0	
Affected Population			poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KHULNA DIV	Jessore	Sarsa	Farm	Mr. Saju's house	23,17	89,21	09/04/2007	09/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	254		16	16	238	0	
Affected Population			backyard poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
RAJSHAHI DIV	Gaibandha	Gaibandha sadar	Farm	Chhanda	25,15	89,3	09/04/2007	10/04/2007

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	1000	46	46	954	0
Affected Population		poultry				

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KHULNA DIV	Jessore	Jhikargachha	Farm	Mr. Jalil's house	23,17	89,21	05/04/2007	11/04/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1494	718	718	776	0		
Affected Population			backyard poultry					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHITTAGONG DIV	Noakhali	Companiganj	Farm	Naser	22,45	91,1	03/04/2007	08/04/2007
Species	Measuring units	Susceptible		Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1800		1000	1000	800	0	
Affected Population			poultry					

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
DHAKA DIV	Dhaka	Savar	Farm	Biman poultry complex	23,84	90,25	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 (other 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 (other 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
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Outbreak (other 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 (other 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 (other 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 (other 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 (other 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 (other 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 (other 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 summary: Total outbreaks = 23 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	82681	18111	18111	64570	0

Epidemiology

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

Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Disinfection of infected premises/establishment(s) • Stamping out 	To be applied	• No Planned Control Measures
		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	19/04/2007	Positive
National laboratory	Central Disease Investigation Laboratory	Birds	rapid tests	08/04/2007	Positive
National laboratory	Bangladesh Livestock Research Institute	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	20/04/2007	Positive
National laboratory	Bangladesh Livestock Research Institute	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	09/04/2007	Positive
OIE's Reference Laboratory	VLA, Weybridge, United Kingdom	Birds	virus isolation	18/05/2007	Positive
OIE's Reference Laboratory	VLA, Weybridge, United Kingdom	Birds	real-time PCR	18/05/2007	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 5 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

