

Follow-up report No.: 2

Report reference: , OIE Ref: 4174, Report Date: 15/07/2006, Country: Sudan

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 first confirmation of the event	17/04/2006	Date of Start of Event	25/03/2006
Date of report	15/07/2006	Date Submitted To OIE	16/07/2006
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 18, Draft= 0
Entered by	Mme Maria Cristinna Ramirez		

Outbreak (this report - submitted)

RIVER NILE	Atbara	Unit Type	Location	Latitude	Longitude	Start	End
RIVER NILE	Atbara	Farm	Atbara	17	34	20/02/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1000	100	100	...	0	
Affected Population							

Outbreak (other report - submitted)

KHARTOUM	Khartoum North	Unit Type	Location	Latitude	Longitude	Start	End
KHARTOUM	Khartoum North	Farm	Faki Hashim	15,7907	32,5372	01/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	27000	27000	27000	0	0	
Affected Population Poultry in both closed and backyard system.							

Outbreak (this report - submitted)

EL GAZIRA	Kamleen	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Kamleen	Farm	Bahri	14,5	33,5	12/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	20935	9000	9000	11935	0	
Affected Population							

Outbreak (other report - submitted)

KHARTOUM	Khartoum	Unit Type	Location	Latitude	Longitude	Start	End
KHARTOUM	Khartoum	Farm	Soba West	15,7439	32,5372	13/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	35000	35000	35000	0	0	
Affected Population		Poultry in both closed and backyard system.					

Outbreak (this report - submitted)

KHARTOUM	Khartoum North	Unit Type	Location	Latitude	Longitude	Start	End
KHARTOUM	Khartoum North	Farm	Hag Yousif	15,697	32,7246	15/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2000	970	970	1030	0	
Affected Population							

Outbreak (this report - submitted)

EL GAZIRA	Taiba AL	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Taiba AL	Farm	Farm 1	15,8844	32,3498	15/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	20400	1500	1500	18900	0	
Affected Population							

Outbreak (this report - submitted)

KHARTOUM	Khartoum North	Unit Type	Location	Latitude	Longitude	Start	End
KHARTOUM	Khartoum North	Farm	Kuku	15,8376	32,4435	15/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1000	200	200	800	0	
Affected Population							

Outbreak (this report - submitted)

KHARTOUM	Hasanab	Unit Type	Location	Latitude	Longitude	Start	End
KHARTOUM	Hasanab	Farm	Farm 2	15,697	32,7246	15/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2883	1200	1200	1683	0	
Affected Population		Poultry in both closed and backyard systems					

Outbreak (this report - submitted)

EL GAZIRA	Kamleen	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Kamleen	Farm	Masuidia	14,5	33,5	15/04/2006	04/09/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	15000	6000	6000	9000	0
Affected Population						

Outbreak (other report - submitted)

EL GAZIRA	Gezira	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Gezira	Farm	Shukkaba	14,4	33,51	15/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	3400	1400	1400	2000	0	
Affected Population		Poultry in both closed and backyard system.					

Outbreak (this report - submitted)

EL GAZIRA	Kamleen	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Kamleen	Farm	Butri	14,5	33,5	16/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	21979	2000	2000	19979	0	
Affected Population							

Outbreak (this report - submitted)

EL GAZIRA	Kamleen	Unit Type	Location	Latitude	Longitude	Start	End
EL GAZIRA	Kamleen	Farm	Sina'at	14,5	33,5	16/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	45000	3000	3000	42000	0	
Affected Population							

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Nagali	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...
Affected Population							

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Jalaba	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...

Affected Population Poultry in backyard systems 1,600 km south of Khartoum.

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Thawra	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...
Affected Population							

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Orshelim	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...
Affected Population							

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Nyakama	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...
Affected Population							

Outbreak (other report - submitted)

EASTERN EQUATORIA	Juba	Unit Type	Location	Latitude	Longitude	Start	End
EASTERN EQUATORIA	Juba	Village	Gabat	4,89029	31,64081	17/04/2006	04/09/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	...	...	...	...
Affected Population							

Outbreak summary: Total outbreaks = 18 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	195597	87370	87370	107327	0

Epidemiology

Epidemiological comments
The disease has not spread and remains confined to Khartoum, Gezira and River Nile States. A velogenic strain of Newcastle disease virus has been isolated in one sample from Soba (Khartoum) which has been found negative for HPAI.
Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Zoning • Disinfection of infected premises/establishment(s) 	To be applied	• Vaccination in response to the outbreak (s)
		Vaccination Prohibited	No
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
OIE's Reference Laboratory	Padova, Italy	Birds	virus sequencing	13/06/2006	Positive
OIE's Reference Laboratory	Padova, Italy	Birds	virus isolation	13/06/2006	Positive
OIE's Reference Laboratory	Padova, Italy	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	13/06/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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Outbreak map

