

Follow-up report No.: 1

Report reference: , OIE Ref: 4151, Report Date: 07/05/2006, 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	07/05/2006	Date Submitted To OIE	08/05/2006
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 18, Draft= 0
Entered by	Mme Maria Cristinna Ramirez		

Outbreak (other 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 (other 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 (other 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 (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 (other 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)

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 (other 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 (other 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 (other 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)

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 (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	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 (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	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	Orshelim	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
A new outbreak has been identified at Atbara, in River Nile State, 250 km to the north of Khartoum. New outbreaks have also been reported in Gezira State in four poultry farms located 40-50 km to the south of Khartoum town.*

* Note by the OIE Animal Health Information Department: Further details of these outbreaks have been requested.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	• Stamping out	To be applied	• Vaccination in response to the outbreak (s)
	• Quarantine	Vaccination Prohibited	No
	• Movement control inside the country		
	• Zoning		
	• Disinfection of infected premises/establishment(s)		
Animals treated	No		

Country / Zone

Country or zone the whole country

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	Padova, Italy	Birds	virus sequencing	05/05/2006	Positive
OIE's Reference Laboratory	Padova, Italy	Birds	virus isolation	05/05/2006	Positive
OIE's Reference Laboratory	Padova, Italy	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	05/05/2006	Positive

Future Reporting

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

Outbreak map

