

Immediate notification report

Report reference: , Ref OIE: 3779, Report Date: 25/04/2006 , Country: Cote D'Ivoire

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	19/04/2006	Date of Start of Event	30/03/2006
Date of report	25/04/2006	Diagnosis	Suspicion, Clinical, Laboratory (advanced)
Number of reported outbreaks	Submitted= 4, Draft= 0	Name of Sender of the report	Mr Denis Kouakou
Address	et des Ressources Halieutiques ABIDJAN	Position	
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Outbreak (other report - draft) (Abata Bingerville)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
ABIDJAN	BINGERVILLE	Abata	Village	Abata	5,5509	-3,7018	20/12/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	87	87	10	77	0		
Cats	Animals	9	0	0	0	0		
Swine	Animals	10	0	0	0	0		
Wild species	Animals	4	0	0	0	0		

Affected Population

- 10 dindes, 33 dindonneaux,
- 5 canards, 29 canetons,
- 9 chats,
- 10 porcs,
- 15 025 poulets de chair, pondueuses et poussins

Outbreak (other report - draft)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
SAN-PEDRO			Village	SO. GB	4,63333	-6,9166	10/06/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1000	5	5		

Affected Population	Industrial rubber plantation 500 km south-west of Abidjan.
	Approximately 890 chickens, around 100 ducks and around 10 pigeons (free-ranging system)
	Five traditional chickens and a wild bird found dead.

Outbreak (other report - submitted)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
ABIDJAN			Farm	Yopougon	5,3752	-4,0213	24/04/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2170	1800	700	0	1100		
Affected Population	Traditional backyard system comprising free-ranging chickens.							

Outbreak (other report - submitted)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
ABIDJAN			Village	Bingeville	5,4231	-3,9734	31/03/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1	1	1	0	0		
Affected Population	Traditional backyard system comprising free-ranging chickens							

Outbreak (this report - submitted)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
ABIDJAN			Not applicable	Treichville	5,4551	-4,1012	31/03/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	1	1	1	0	0		
Affected Population	A sparrowhawk							

Outbreak (this report - submitted)

Département	Sous-Préfecture	Village	Unit Type	Location	Latitude	Longitude	Start	End
ABIDJAN			Village	Marcory Anoumabo	5,4711	-4,1172	30/03/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	17	16	12	5	0		
Affected Population	Traditional backyard system comprising 7 chickens and 10 ducks							

Outbreak summary: Total outbreaks = 2 (Draft)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1087	92	15	77	0
Cats	9	0	0	0	0

Swine	10	0	0	0	0
Wild species	4	0	0	0	0

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	2188	1817	713	5	1100
Wild species	1	1	1	0	0

Epidemiology

Epidemiological comments

This report constitutes an immediate notification of a strong suspicion of the disease. The results of confirmatory tests by the OIE reference laboratory in Padova (Italy) are awaited.

Other measures are also being applied:

- public awareness and information campaign;
- confinement of backyard chickens;
- reinforced biosecurity measures around modern poultry farms;
- ministerial decision declaring the suspicion;
- implementation of an infected zone around the outbreak in Marcory Anoumabo and a surveillance zone in the district of Abidjan.

Source of Infection • Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Quarantine • Modified stamping out 	To be applied	<ul style="list-style-type: none"> • Disinfection of infected premises/establishment(s) • Dipping / Spraying • Stamping out • Zoning
Animals treated	No	Vaccination Prohibited	No

Country / Zone

Country or zone the whole country

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Pasteur Institute of Côte d'Ivoire (IPCI)	Wild species	reverse transcription – polymerase chain reaction (RT-PCR)	25/04/2006	Positive
National laboratory	Pasteur Institute of Côte d'Ivoire (IPCI)	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	25/04/2006	Positive
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Wild species	reverse transcription – polymerase chain reaction (RT-PCR)	19/04/2006	Positive
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	19/04/2006	Positive
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Wild species	rapid tests	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Wild species	agar-gel immunodiffusion (AGID)	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Wild species	haemagglutination inhibition test (HIT)	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Wild species	virus isolation	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Birds	rapid tests	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Birds	agar-gel immunodiffusion (AGID)	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Birds	haemagglutination inhibition test (HIT)	19/04/2006	Negative
National laboratory	Central Veterinary Laboratory of the LANADA (National Laboratory for Agricultural Development Support), Bingerville	Birds	virus isolation	19/04/2006	Negative

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

