

Immediate notification report

Report reference: , Ref OIE: 4932, Report Date: 26/02/2007 , Country: Kuwait

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	18/02/2007	Date of Start of Event	13/02/2007
Date of report	26/02/2007	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 9, Draft= 0	Name of Sender of the report	Dr Mohammed Wael Al-Muhanna
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Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL FARWANAYAH	Al Omaria	Al Omaria	Not applicable	Kuwait Zoo	29,2362	48,0091	17/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1000	7	5	2	0		
Affected Population								
Different types of birds are kept in the zoo; however, only falcons were affected by the disease. In response to the outbreak, other susceptible birds in the zoo were vaccinated.								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Al Wafra	Al Wafra	Farm	Wafra	28,6915	48,0207	20/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	670	2	0	668	0		
Affected Population								
a backyard farm that includes chickens, geese, ducks, guinea fowls and pigeons. Infection was detected in the farm during surveillance following the first confirmed case in the area. Antibody was detected in two guinea fowls.								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Al Wafra	Al Wafra	Farm	Wafra	28,676	48,0245	22/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1805	1	1	1804	0		
Affected Population								
A backyard farm with a variety of birds including chickens, ducks, turkeys and pigeons. Tissue sample from a dead turkey tested positive for H5N1.								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Al Nwasib	Al Nwasib	Farm	Nwasib	28,707	48,2872	22/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	114	20	20	94	0		
Affected Population								
a backyard farm with different types of birds including chickens, turkeys, ducks and pigeons. Chickens and turkeys were affected by the disease.								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Um Alhiman	Um Alhiman	Farm	Um Alhiman	28,8422	48,0052	17/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	47	2	2	45	0		
Affected Population								
backyard chickens								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Al Wafra	Wafra	Farm	Wafra	28,6683	48,1443	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	15	15	15	0	0		
Affected Population								
chickens								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL FARWANIYAH	Al Zahra	Al Zahra	Farm	Al Zahra	29,213	47,9936	22/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	33	6	6	27	0		
Affected Population								
The affected backyard farm contains chickens and ducks. 4 ducks and 2 chickens died due to the disease								

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL AHMADI	Um Alhimani	Um Alhimani	Farm	Um Alhimani	28,8963	48,0979	17/02/2007	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	47	2	2	45	0
Affected Population		Backyard chickens				

Outbreak (this report - submitted)

Governorate	District	Area	Unit Type	Location	Latitude	Longitude	Start	End
AL KUWAYT	Sulaibikhat	Sulaibikhat	Farm	sulaibikhat	29,3096	47,8855	01/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6	4	4	2	0		
Affected Population		The type of birds affected are falcons						

Outbreak summary: Total outbreaks = 9 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	3737	59	55	2687	0

Epidemiology

Epidemiological comments

The first case occurred in falcons and then reports of mortality in poultry followed. The first mortality report of chickens was received from two individuals. The individuals purchased the birds from markets two days before their death. Consequently, surveillance was intensified across the country.

Note by the OIE Animal Health Information Department:

The first occurrence of the highly pathogenic avian influenza infection was reported in November 2005 (see Disease Information, 18[46], 445, dated 18 November 2005). This is the first occurrence of the disease in this country.

Source of Infection • Unknown or inconclusive

Control Measures

Applied	• Movement control inside the country	To be applied	• Zoning
	• Vaccination in response to the outbreak (s)	Vaccination Prohibited	No
	• Disinfection of infected premises/establishment(s)		
	• Stamping out		
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	Department of Veterinary Laboratory and Research	Birds	rapid tests	18/02/2007	Positive
National laboratory	Department of Veterinary Laboratory and Research	Birds	real-time PCR	20/02/2007	Positive
OIE's Reference Laboratory	VLA Weybridge, UK	Birds	real-time PCR	23/02/2007	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 9 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

