

Immediate notification report

Report reference: AI_WCP2011, Ref OIE: 10477, Report Date: 11/04/2011 , Country: South Africa

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N2
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	16/03/2011	Date of Start of Event	01/02/2011
Date of report	11/04/2011	Date Submitted To OIE	12/04/2011
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	07/2006
Number Of Reported Outbreaks	Submitted= 5, Draft= 0	Name of Sender of the report	Dr Bothle Michael Modisane
Address	Private Bag X250 PRETORIA 0001	Position	Chief Director Partnerships
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Email	CDFAHDM@daff.gov.za	Entered by	Dr Bothle Michael Modisane

Outbreak (this report - submitted) (AI_WCP2011_01)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_01	-33,65803	22,11289	01/02/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	207	...	0	0	0	0
Affected Population Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.							

Outbreak (this report - submitted) (AI_WCP2011_03)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_03	-33,55014	22,24117	20/02/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	5754	100	100	0	0	0
Affected Population Commercial ostrich farm. Outbreak picked up during routine surveillance. Mortalities and clinical signs started afterwards. PCR positive for H5N2.							

Outbreak (this report - submitted) (AI_WCP2011_02)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_02	-33,74922	22,53506	01/03/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6523	...	0	0	0	0

Affected Population	Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.
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Outbreak (this report - submitted) (AI_WCP2011_05)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_05	-33,73417	22,54911	01/03/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	819	...	0	0	0	0
Affected Population		Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.					

Outbreak (this report - submitted) (AI_WCP2011_04)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_04	-33,65722	22,39306	01/03/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1610	...	0	0	0	0
Affected Population		Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.					

Outbreak summary: Total outbreaks = 5 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	14913	100	100	0	0

Epidemiology

Epidemiological comments
Commercial ostrich farms. Farms tested positive on serology during routine surveillance, but tested negative on PCR and no virus could be found. Diagnosis only confirmed after several follow-up PCR tests. South Africa only reports outbreaks on confirmation on PCR tests. Initially no clinical signs or mortalities were seen.

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

Applied	• Quarantine • Screening	To be applied	• Stamping out
Animals treated	No	Vaccination Prohibited	Yes

Country / Zone

Country or zone	the whole country
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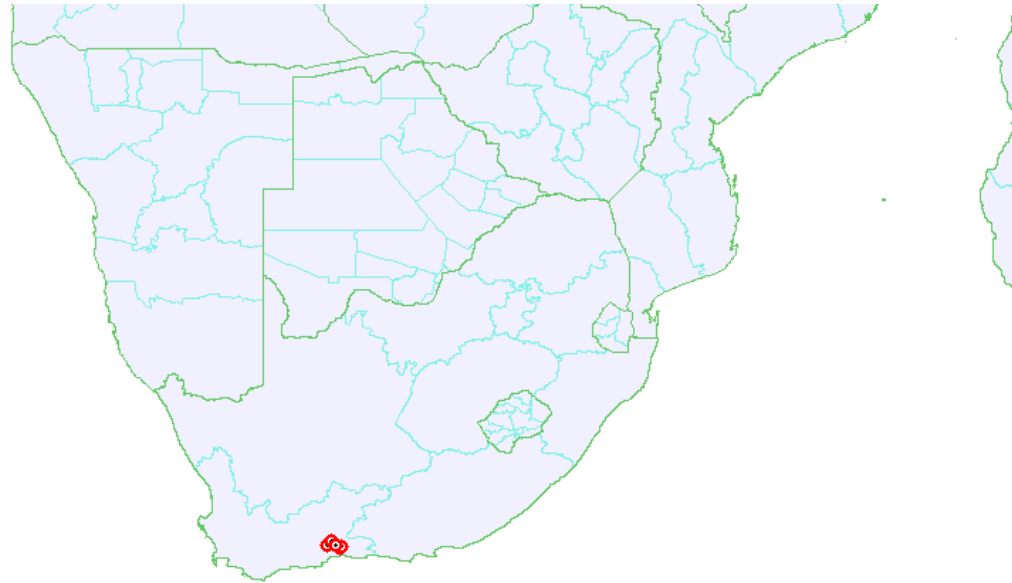
Diagnostic test results




Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Agricultural Research Council - Onderstepoort Veterinary Institute (ARC – OVI)	Birds	real-time PCR	09/04/2011	Positive
National laboratory	Agricultural Research Council - Onderstepoort Veterinary Institute (ARC – OVI)	Birds	real-time PCR	12/04/2011	Positive
National laboratory	Agricultural Research Council - Onderstepoort Veterinary Institute (ARC – OVI)	Birds	haemagglutination inhibition test (HIT)	16/03/2011	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.
The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps



-  Continuing (domestic)
-  International Boundaries
-  Administrative Boundaries