

# 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
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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	
<b>Affected Population</b> 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	
<b>Affected Population</b> 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	

<b>Affected Population</b>	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
<b>Affected Population</b>		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
<b>Affected Population</b>		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

<b>Epidemiological comments</b>
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.

<b>Source of the outbreak(s) or origin of infection</b>	• Unknown or inconclusive
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### Control Measures

<b>Applied</b>	• Quarantine • Screening	<b>To be applied</b>	• Stamping out
<b>Animals treated</b>	No	<b>Vaccination Prohibited</b>	Yes

### Country / Zone

<b>Country or zone</b>	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

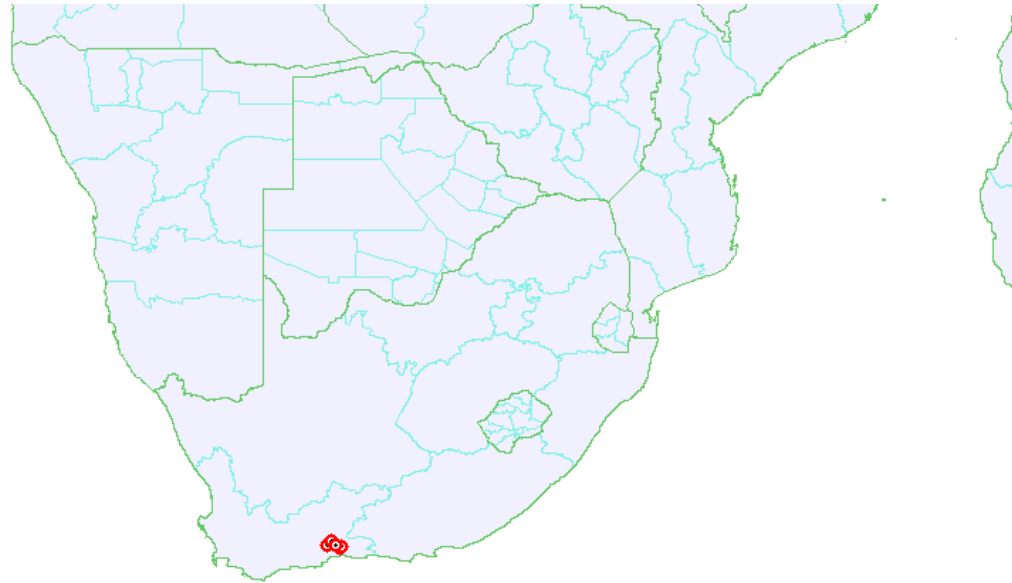
### Future Reporting




#### 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