

## Follow-up report No.: 4

Report reference: AI\_WCP2011, OIE Ref: 10764, Report Date: 04/07/2011, Country: South Africa

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N2
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	16/03/2011	<b>Date of Start of Event</b>	01/02/2011
<b>Date of report</b>	04/07/2011	<b>Date Submitted To OIE</b>	04/07/2011
<b>Diagnosis</b>	Laboratory (advanced)	<b>Date Of Last Occurrence</b>	07/2006
<b>Number Of Reported Outbreaks</b>	Submitted= 25, Draft= 0	<b>Name of Sender of the report</b>	Dr Bothle Michael Modisane
<b>Address</b>	Private Bag X250 PRETORIA 0001	<b>Position</b>	Chief Director Partnerships
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<b>Email</b>	CDFAHDM@daff.gov.za	<b>Entered by</b>	Dr Bothle Michael Modisane

### Outbreak (other 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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	206	91	0	0	206	
<b>Affected Population</b> Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.							

### Outbreak (other 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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6250	100	100	0	6150	
<b>Affected Population</b> Commercial ostrich farm. Outbreak picked up during routine surveillance. Mortalities and clinical signs started afterwards. PCR positive for H5N2.							

### Outbreak (other 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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1574	467	0	0	1574	

<b>Affected Population</b>	Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.
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#### Outbreak (other 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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6253	1129	0	0	2169	
<b>Affected Population</b>	Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.						

#### Outbreak (other 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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	711	355	0	0	711	
<b>Affected Population</b>	Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.						

#### Outbreak (this report - submitted) ( AI\_WCP2011\_23 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_23	-33,59225	21,99022	18/03/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	3585	1676	0	0	3138	
<b>Affected Population</b>	HI positive for H5 and H6						

#### Outbreak (other report - submitted) ( AI\_WCP2011\_16 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_16	-33,47401	22,25537	20/03/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	610	240	0	0	610	
<b>Affected Population</b>	No clinical signs seen. HI test positive for H5. PCR positive						

#### Outbreak (other report - submitted) ( AI\_WCP2011\_06 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_06	-33,55794	22,22192	25/03/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	300	233	0	0	300	
<b>Affected Population</b>	No clinical signs seen. PCR positive.						

**Outbreak (other report - submitted) ( AI\_WCP2011\_07 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_07	-33,56094	22,2146	25/03/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1084	367	0	0	1084	
<b>Affected Population</b>		Positive on PCR. Post-mortem signs seen.					

**Outbreak (other report - submitted) ( AI\_WCP2011\_08 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_08	-33,53342	22,23206	25/03/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	392	5	0	0	392	
<b>Affected Population</b>		Positive on PCR. No clinical signs seen.					

**Outbreak (other report - submitted) ( AI\_WCP2011\_13 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_13	-33,63358	22,10517	12/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	928	383	0	0	928	
<b>Affected Population</b>		No clinical signs seen. HI test positive for H5 and H6.					

**Outbreak (other report - submitted) ( AI\_WCP2011\_17 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_17	-33,65783	22,11265	12/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	106	39	0	0	106	
<b>Affected Population</b>		Clinical signs present. HI test positive for H5.					

**Outbreak (other report - submitted) ( AI\_WCP2011\_12 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_12	-33,65794	22,14506	12/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	978	410	0	0	978	
<b>Affected Population</b>		Clinical signs seen. HI test positive for H5 and H6.					

**Outbreak (other report - submitted) ( AI\_WCP2011\_14 )**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_14	-33,66368	22,1282	12/04/2011	29/06/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2910	1787	0	0	2910
<b>Affected Population</b>		Clinical signs present. HI test positive for H5.				

#### Outbreak (other report - submitted) ( AI\_WCP2011\_15 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_15	-33,65856	22,13608	12/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	47	10	0	0	47	
<b>Affected Population</b>		No clinical signs seen.					

#### Outbreak (other report - submitted) ( AI\_WCP2011\_10 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_10	-33,79872	22,56361	13/04/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	239	1	0	0	0	
<b>Affected Population</b>		No clinical signs seen. HI test positive for H5 and H6.					

#### Outbreak (other report - submitted) ( AI\_WCP2011\_11 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_11	-33,6531	22,07563	13/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	512	138	0	0	512	
<b>Affected Population</b>		No clinical signs seen. HI test positive for H5 and H6.					

#### Outbreak (other report - submitted) ( AI\_WCP2011\_18 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_18	-33,60078	22,08534	19/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	936	80	0	0	936	
<b>Affected Population</b>		PCR positive for H5					

#### Outbreak (other report - submitted) ( AI\_WCP2011\_19 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_19	-33,64983	22,07268	19/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	342	275	0	0	342	

Affected Population	PCR positive for H5
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#### Outbreak (other report - submitted) ( AI\_WCP2011\_20 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_20	-33,41333	22,24639	20/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	331	117	0	0	319	
Affected Population		Commercial ostrich farm.					

#### Outbreak (other report - submitted) ( AI\_WCP2011\_21 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_21	-33,52722	22,54833	21/04/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	625	15	0	0	625	
Affected Population		Commercial ostrich farm. Positive for H5 on PCR.					

#### Outbreak (this report - submitted) ( AI\_WCP2011\_26 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_26	-33,57729	22,32806	30/05/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1455	240	0	0	0	
Affected Population		PCR positive					

#### Outbreak (this report - submitted) ( AI\_WCP2011\_25 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_25	-33,67891	22,14227	06/06/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1822	450	0	0	0	
Affected Population		PCR positive for H5					

#### Outbreak (this report - submitted) ( AI\_WCP2011\_24 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Hessequa	Farm	AI_WCP2011_24	-34,16269	20,94089	07/06/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1765	900	0	0	0	
Affected Population		PCR positive					

## Outbreak (this report - submitted) ( AI\_WCP2011\_22 )

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_22	-33,60494	22,04024	09/06/2011	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	378	100	8	0	370	
Affected Population		PCR positive for H5					

## Outbreak summary: Total outbreaks = 25 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	34339	9608	108	0	24407

## 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.

Stamping out in positive farms is taking place.

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

## Control Measures

Applied	• Stamping out	To be applied	• No Planned Control Measures
	• Quarantine	Vaccination Prohibited	Yes
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
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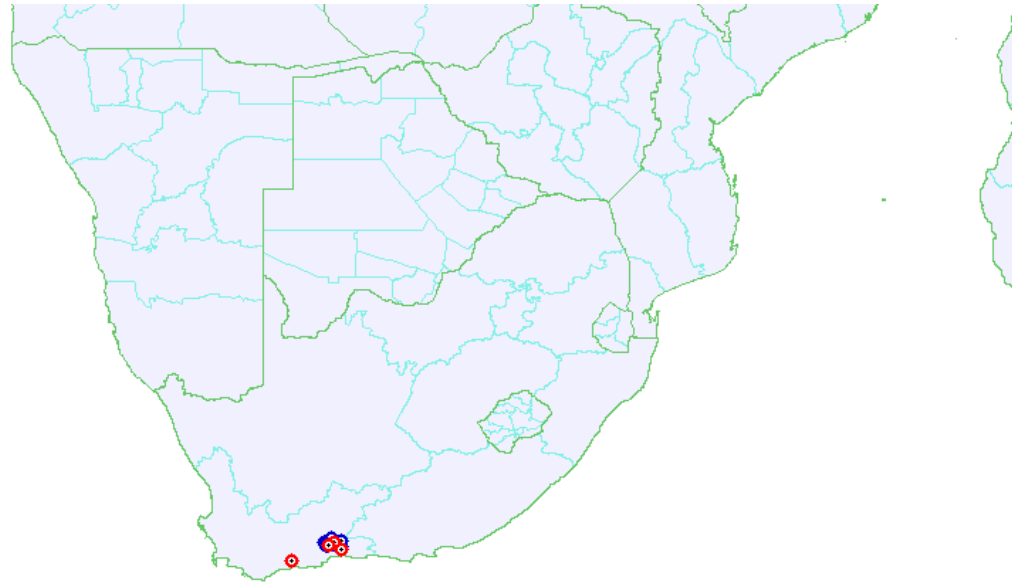
## Future Reporting





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

There are 4 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)
-  Resolved (domestic)
-  International Boundaries
-  Administrative Boundaries