

Follow-up report No.: 3

Report reference: AI_WCP2011, OIE Ref: 10688, Report Date: 10/06/2011, 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	10/06/2011	Date Submitted To OIE	10/06/2011
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	07/2006
Number Of Reported Outbreaks	Submitted= 21, Draft= 0	Name of Sender of the report	Dr Bothle Michael Modisane
Address	Private Bag X250 PRETORIA 0001	Position	Chief Director Partnerships
Telephone	+(2712) 319 6500	Fax	+(2712) 319 6281
Email	CDFAHDM@daff.gov.za	Entered by	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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	207	...	0	0	0	
Affected Population 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	5754	100	100	0	0	
Affected Population 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1610	...	0	0	0	

Affected Population	Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen.
----------------------------	--------------------------------------------------------------------------------------------------

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	
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.						

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	
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 (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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	553	13	0	0	0	0
Affected Population	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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	307	30	0	0	0	0
Affected Population	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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1217	15	0	0	0	0
Affected Population	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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	337	5	0	0	0	
Affected Population		Positive on PCR. No clinical signs seen.					

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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	919	38	0	0	0	
Affected Population		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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2736	129	0	0	0	
Affected Population		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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	53	3	0	0	0	
Affected Population		No clinical signs seen.					

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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	107	4	0	0	0	
Affected Population		Clinical signs present. HI test positive for H5.					

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	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	508	23	0	0	0
Affected Population		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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	249	59	0	0	0	
Affected Population		No clinical signs seen. HI test positive for H5 and H6.					

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	
Affected Population		No clinical signs seen. HI test positive for H5 and H6.					

Outbreak (other report - submitted) (AI_WCP2011_09)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_09	-33,474	22,25536	14/04/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	553	...	0	0	0	
Affected Population		No clinical signs seen. Positive on serology, negative on PCR.					

Outbreak (this 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	950	5	0	0	0	
Affected Population		PCR positive for H5					

Outbreak (this 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	700	5	0	0	0	

Affected Population	PCR positive for H5
---------------------	---------------------

Outbreak (this 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	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	331	11	0	0	0	0
Affected Population		Commercial ostrich farm.					

Outbreak (this 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	25,54833	21/04/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	595	5	0	0	0	0
Affected Population		Commercial ostrich farm. Positive for H5 on PCR.					

Outbreak summary: Total outbreaks = 21 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	25267	446	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
---------------------------------------------------------	---------------------------

Control Measures

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

Country / Zone

Country or zone	the whole country
------------------------	-------------------

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
-----------------	--------------------	---------	-----------	-----------------------	--------

Future Reporting

What further reports will be submitted in relation to this event?
There are 21 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

