

Follow-up report No.: 5

Report reference: AI_WCP2011, OIE Ref: 10800, Report Date: 05/08/2011, 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	05/08/2011	Date Submitted To OIE	05/08/2011
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	07/2006
Number Of Reported Outbreaks	Submitted= 33, Draft= 0	Name of Sender of the report	Dr Bothle Michael Modisane
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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	
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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6250	100	100	0	6150	
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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1574	467	0	0	1574	

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

Outbreak (other 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	
Affected Population	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	
Affected Population	No clinical signs seen. HI test positive for H5. PCR positive						

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	
Affected Population	Positive on PCR. No clinical signs seen.						

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	
Affected Population		Positive on PCR. Post-mortem signs seen.					

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	
Affected Population		No clinical signs seen. PCR positive.					

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	
Affected Population		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	
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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2910	1787	0	0	2910	
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	29/06/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	47	10	0	0	47
Affected Population		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	
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	29/06/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	512	138	0	0	512	
Affected Population		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	
Affected Population		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					

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.
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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 (other 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_28)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_28	-33,55472	21,87756	02/06/2011	04/07/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	134	13	0	0	134	
Affected Population		Commercial ostrich farm. Positive for H5 on PCR.					

Outbreak (other 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_27)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_27	-33,61468	22,22962	07/06/2011	15/07/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	669	156	0	0	669	
Affected Population		Commercial ostrich farm. Positive for H5 on PCR.					

Outbreak (other 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 (other 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 (this report - submitted) (AI_WCP2011_32)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_32	-33,825	22,58783	15/06/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	870	225	0	0	0	
Affected Population		HI positive for H5 and H6					

Outbreak (this report - submitted) (AI_WCP2011_31)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_31	-33,81717	22,63544	20/06/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	426	311	0	0	0	
Affected Population		PCR positive					

Outbreak (this report - submitted) (AI_WCP2011_34)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_34	-33,66333	22,11556	29/06/2011	29/07/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	397	66	0	14	383	
Affected Population		PCR positive					

Outbreak (this report - submitted) (AI_WCP2011_35)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_35	-33,40667	22,22556	29/06/2011	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	638	447	0	0	0
Affected Population		HI positive for H5 & H6				

Outbreak (this report - submitted) (AI_WCP2011_33)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_33	-33,6073	22,04078	29/06/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	128	34	0	0	0	
Affected Population		HI positive for H5 & H6					

Outbreak (this report - submitted) (AI_WCP2011_29)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_29	-33,65967	22,14142	01/07/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	97	14	0	0	0	
Affected Population		HI positive for H5 and H6					

Outbreak (this report - submitted) (AI_WCP2011_30)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_30	-33,6171	22,2799	06/07/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	879	440	0	0	0	
Affected Population		PCR positive for H5					

Outbreak summary: Total outbreaks = 33 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	38338	11313	108	14	25593

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	To be applied
• Stamping out	• No Planned Control Measures

	<ul style="list-style-type: none"> • Quarantine • Screening 	Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country
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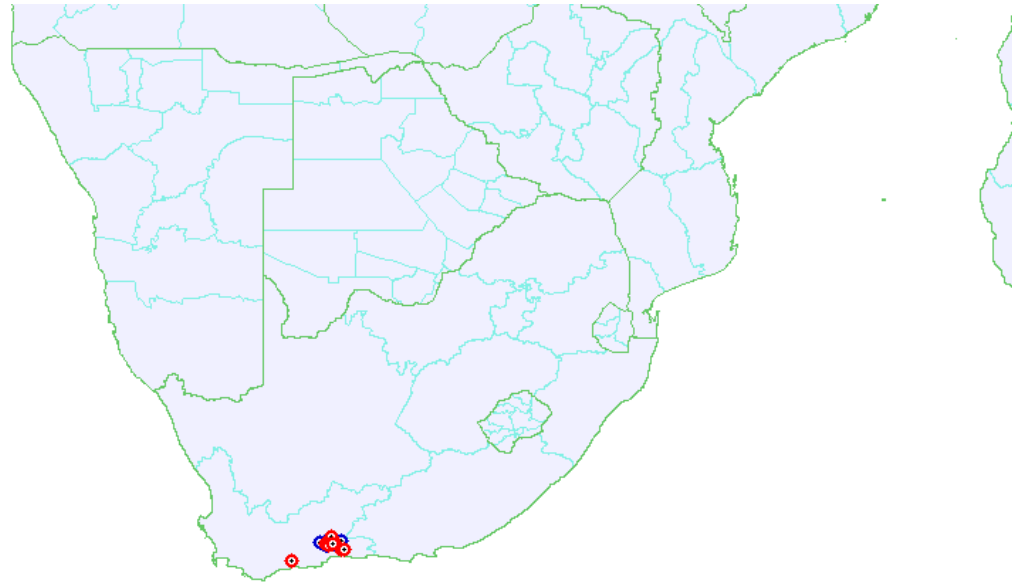
Diagnostic test results





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 9 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