Follow-up report No.: 7

Report reference: AI_WCP2011, OIE Ref: 10978, Report Date: 22/09/2011, 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	22/09/2011	**Date Submitted To OIE**	22/09/2011
Diagnosis	Laboratory (advanced)	**Date Of Last Occurrence**	07/2006
Number Of Reported Outbreaks	Submitted= 37, Draft= 0	**Name of Sender of the report**	Dr Bothle Michael Modisane
Address	Private Bag X250 PRETORIA 0001	**Position**	Chief Director
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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	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_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_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.

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_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_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_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_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_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_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_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_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.

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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2672	240	0	477	2195

Affected Population	PCR positive

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	1596	450	0	130	1466

Affected Population	PCR positive for H5

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2165	900	0	557	1608

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 (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	865	225	0	0	865

Affected Population	HI positive for H5 and H6

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	323	311	0	0	323

Affected Population	PCR positive

Outbreak (other 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 (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	457	457	0	0	457
Affected Population	HI positive for H5 & H6					

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	230	34	0	0	230
Affected Population	HI positive for H5 & H6					

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	52	14	0	0	52
Affected Population	HI positive for H5 and H6					

Outbreak (other 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	12/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	881	440	0	0	881
Affected Population	PCR positive for H5					

Outbreak (other report - submitted) (AI_WCP2011_36)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_36	-33,66529	22,15371	14/07/2011	23/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	131	35	0	0	131
Affected Population	HI positive for H5					

Outbreak (this report - submitted) (AI_WCP2011_37)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_37	-33,64727	22,09402	21/07/2011	30/08/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	526	248	0	0	526

Affected Population	HI positive for H5 and H6

Outbreak (this report - submitted) (AI_WCP2011_38)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_38	-33,61251	21,99755	01/08/2011	05/09/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	184	98	0	0	184

Affected Population	HI positive for H5 and H6

Outbreak (this report - submitted) (AI_WCP2011_39)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_39	-33,62867	22,19616	09/08/2011	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	322	118	0	0	118

Affected Population	PCR positive

Outbreak summary: Total outbreaks = 37 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	40662	11822	108	1178	34629

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 • Quarantine • Screening	**To be applied**	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country

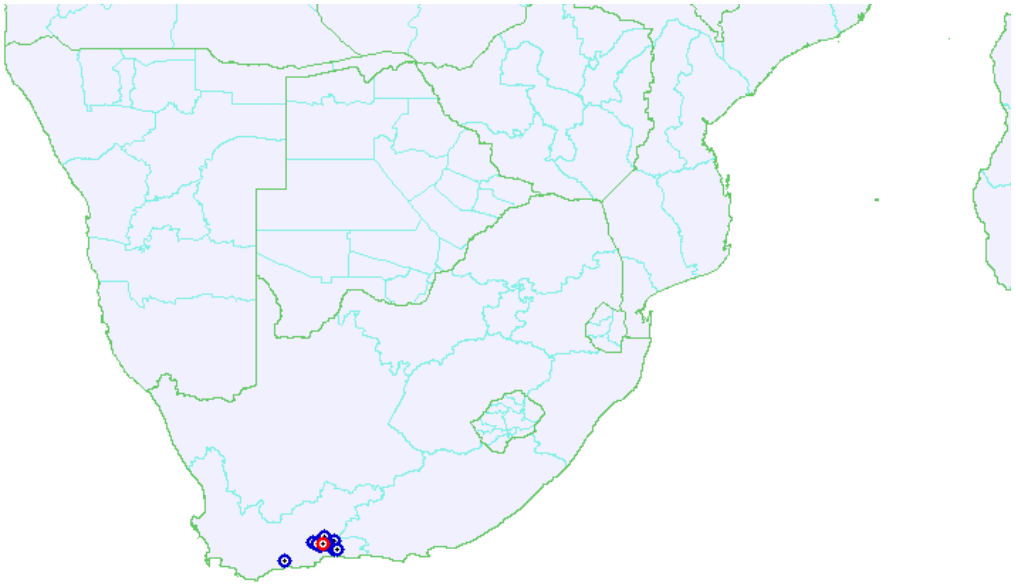
Diagnostic test results

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 1outbreaks 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