

Follow-up report No.: 10

Report reference: AI_WCP2011, OIE Ref: 11674, Report Date: 23/02/2012, 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	23/02/2012	Date Submitted To OIE	23/02/2012
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	07/2006
Number Of Reported Outbreaks	Submitted= 45, Draft= 0	Name of Sender of the report	Dr Bothle Michael Modisane
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Outbreak (other report - submitted) (AI_WCP2011_01)

Province	Local Municipality	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	Local Municipality	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	Local Municipality	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.
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Outbreak (other report - submitted) (AI_WCP2011_05)

Province	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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	Local Municipality	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_33)

Province	Local Municipality	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_34)

Province	Local Municipality	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	Local Municipality	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_29)

Province	Local Municipality	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	Local Municipality	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	Local Municipality	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 (other report - submitted) (AI_WCP2011_37)

Province	Local Municipality	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
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Outbreak (other report - submitted) (AI_WCP2011_38)

Province	Local Municipality	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 (other report - submitted) (AI_WCP2011_39)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_39	-33,62867	22,19616	09/08/2011	12/09/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	356	118	0	0	356	
Affected Population	PCR positive						

Outbreak (other report - submitted) (AI_WCP2011_41)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_41	-33,6592	22,0915	31/08/2011	07/10/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	414	13	0	0	414	
Affected Population	PCR positive						

Outbreak (other report - submitted) (AI_ECP2011_01)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
EASTERN CAPE PROVINCE	Ikwezi	Farm	AI_ECP2011_01	-33,04803	24,33083	19/09/2011	22/11/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	416	8	0	0	416	
Affected Population	HI positive. No PCR positives found.						

Outbreak (other report - submitted) (AI_WCP2011_42)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Mossel Bay	Farm	AI_WCP2011_42	-34,2548	21,8854	20/09/2011	10/11/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	954	75	0	0	954	
Affected Population	Matrix gene PCR positive only						

Outbreak (other report - submitted) (AI_WCP2011_45)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_45	-33,4443	22,3817	03/10/2011	30/11/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	259	35	0	0	259	
Affected Population		HI positive. No PCR positives found.					

Outbreak (other report - submitted) (AI_WCP2011_43)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_43	-33,6282	22,0736	04/10/2011	01/12/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	884	15	0	0	884	
Affected Population		HI positive. No PCR positives found.					

Outbreak (other report - submitted) (AI_WCP2011_46)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Kannaland	Farm	AI_WCP2011_46	-33,6369	21,1755	17/10/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	1370	411	0	0	0	
Affected Population		HI positive. No PCR positives found.					

Outbreak (other report - submitted) (AI_WCP2011_44)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Oudtshoorn	Farm	AI_WCP2011_44	-33,6563	22,0854	21/10/2011	05/12/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	418	29	0	0	418	
Affected Population		HI positive. No PCR positives found.					

Outbreak (this report - submitted) (AI_WCP2011_47)

Province	Local Municipality	Unit Type	Location	Latitude	Longitude	Start date	End Date
WESTERN CAPE PROVINCE	Uniondale	Farm	AI_WCP2011_47	-33,54408	22,73692	13/01/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	2963	662	0	0	0	
Affected Population		Commercial ostriches. PCR positive for H5.					

Outbreak summary: Total outbreaks = 45 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	48374	13070	108	1178	38212

Epidemiology

Epidemiological comments	Commercial ostrich farms. Initially no clinical signs or mortalities were seen.	Source of the outbreak(s) or origin of infection	• Unknown or inconclusive
	Stamping out of ostriches on positive farms is taking place.		

Control Measures

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

Country / Zone

Country or zone	the whole country
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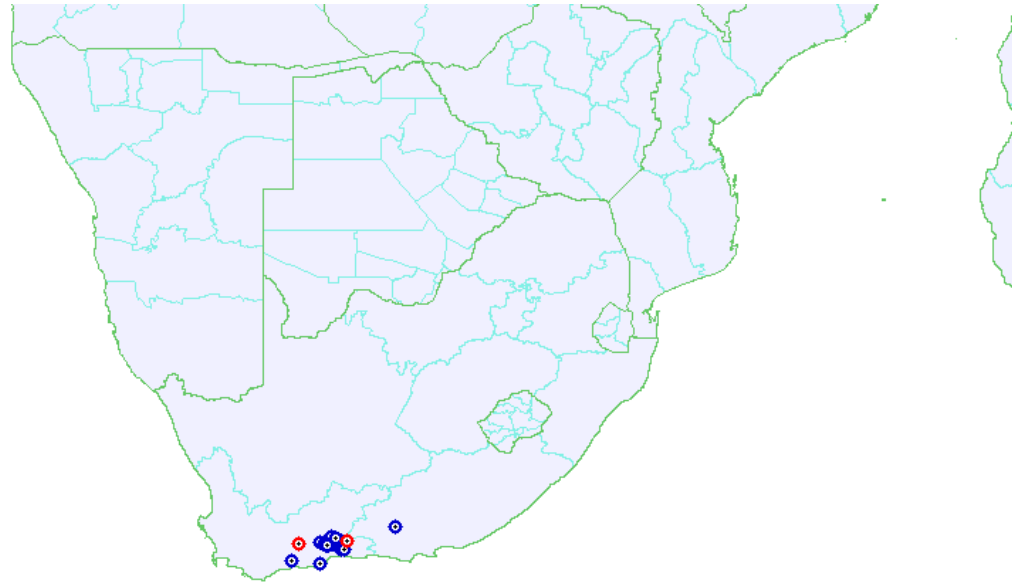
Diagnostic test results





Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Private Laboratory	Deltamune	Birds	polymerase chain reaction (PCR)	21/02/2012	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 2 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