

Follow-up report No.12

Report reference: AI_H5N8_2017, Reference OIE : 24787, Report Date : 15/09/2017, Country : South Africa

Report Summary

Name of sender of the report	Dr Bothle Michael Modisane	Telephone	+ (2712) 319 7463
Position	Chief Director	Fax	+ (2712) 319 7523
Address	Private Bag X250 PRETORIA 0001	Email	BotheM@daff.gov.za
		Date submitted to OIE	15/09/2017

Animal type	Terrestrial	Date of report	15/09/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	19/06/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	22/06/2017
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (advanced)
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 28, Draft= 0		

Outbreak details

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Dipaleseng		Farm	HPAI_H5N8_2017_001	-26.9	28.6	19/06/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	280000	8211	8211	178976	0			
Affected Population	Commercial broiler breeder farm. Process has started to cull remainder of birds.								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Dipaleseng		Farm	HPAI_H5N8_2017_002	-26.8	28.8	20/06/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	250000	25000	25000	62080	0			
Affected Population	Commercial layer farm								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GAUTENG-other report - submitted	-	Ekurhuleni		Farm	HPAI_H5N8_2017_003	-26.3	28.2	06/07/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	370000	39	39	0	0			
Affected Population	Commercial layers								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Govan Mbeki		Farm	HPAI_H5N8_2017_04	-26.3	28.9	09/07/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	7000	1000	1000	...	0			
Affected Population	The outbreak occurred in chickens (commercial layer farm).								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Dipaleseng		Farm	HPAI_H5N8_2017_009	-26.8	28.9	21/07/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	135	50	50	85	0			

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Dipaleseng		Farm	HPAI_H5N8_2017_010	-26.9	28.9	24/07/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	600	87	87	413	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Lekwa		Farm	HPAI_H5N8_2017_011	-26.8	29.3	01/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	398723	301	301	0	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GAUTENG-other report - submitted	-	Ekurhuleni		Farm	HPAI_H5N8_2017_013	-26.3	28.2	04/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	30000	1774	1774	0	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GAUTENG-other report - submitted	-	Mogale City		Farm	HPAI_H5N8_2017_012	-26.0	27.8	04/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	77000	236	236	4800	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Steve Tshwete		Farm	HPAI_H5N8_2017_016	-25.8	29.6	07/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	326764	975	975	325789	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_014	-34.3	20.8	09/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1176	33	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_015	-34.2	20.7	09/08/2017	

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1071	22	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Dr Pixley ke Seme		Backyard	HPAI_H5N8_2017_018	-26.8	29.8	11/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	266	81	81	135	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE- (this report - submitted)	-	Saldanha Bay		Backyard	HPAI_H5N8_2017_047	-33.1	18.4	15/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	70	42	42	0	0			
Affected Population	Geese and Chickens								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KWAZULU-NATAL-other report - submitted	-	Abaqulusi		Farm	HPAI_H5N8_2017_019	-27.9	30.8	17/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	248000	12	12	50000	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_030	-34.2	20.7	18/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	144	8	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE- (this report - submitted)	-	City of Cape Town		Farm	HPAI_H5N8_2017_044	-33.8	18.7	18/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	3954	2000	25	0	0			
Affected Population	Commercial ducks								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_029	-34.3	20.7	21/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1284	63	0	0	0			
Affected Population	Commercial ostriches								

Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	City of Cape Town		Farm	HPAI_H5N8_2017_035	-33.6	18.7	21/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	49616	2	0	49616	0			
Affected Population	Farm's own surveillance picked up virus before clinical symptoms started. Whole farm was culled before the start of clinical cases.								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE- (this report - submitted)	-	Beaufort West		Farm	HPAI_H5N8_2017_051	-31.8	23.6	21/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	27	5	5	0	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_024	-34.2	20.8	21/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1069	22	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	City of Cape Town		Farm	HPAI_H5N8_2017_023	-33.6	18.7	23/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	140000	10000	10000	0	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_036	-34.2	20.9	23/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1211	4	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	City of Cape Town		Farm	HPAI_H5N8_2017_027	-33.8	18.7	24/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	28717	5533	5533	0	0			
Affected Population	Commercial/domestic ducks								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	--------------------	--------------	-----------	----------	----------	-----------	------------	-----------

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Kannaland		Farm	HPAI_H5N8_2017_040	-33.6	21.8	24/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	241	5	5	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WESTERN CAPE PROVINCE-other report - submitted	-	Hessequa		Farm	HPAI_H5N8_2017_028	-34.1	20.8	25/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	384	31	0	0	0			
Affected Population	Commercial ostriches								

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MPUMALANGA-other report - submitted	-	Lekwa		Backyard	HPAI_H5N8_2017_037	-27.0	29.4	30/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	259	94	94	89	0			
Affected Population									

Province	Number of outbreaks	Local Municipality	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NORTH WEST PROVINCE-other report - submitted	-	Maquassi Hills		Farm	HPAI_H5N8_2017_041	-27.4	26.4	01/09/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	54000	132	0	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 28 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	2271711	55762	53470	671983	0

Epidemiology

Epidemiological comments

Coordinates modified to protect confidentiality as required by South African Legislation.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

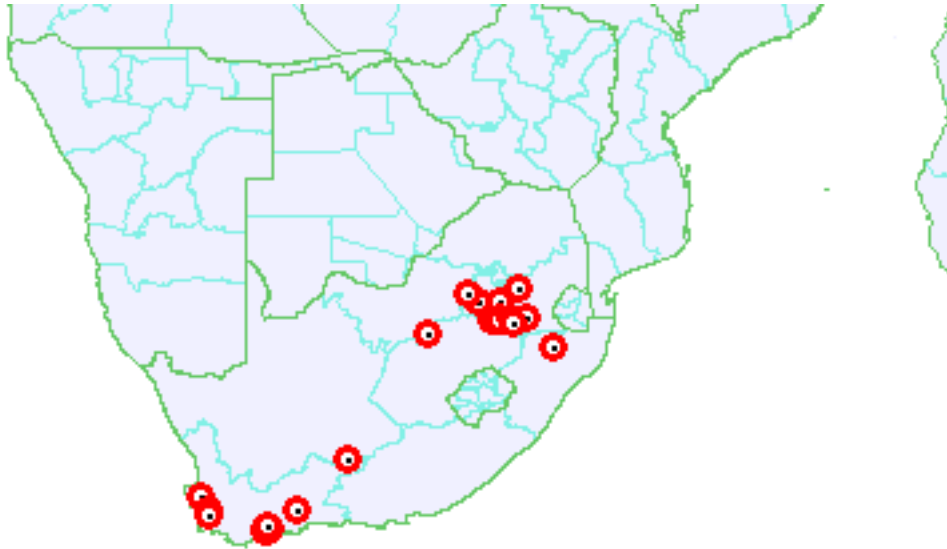
Measures applied




Applied	To be applied
<ul style="list-style-type: none"> • surveillance within containment and/or protection zone • traceability • quarantine 	<ul style="list-style-type: none"> • official destruction of animal products • official disposal of carcasses, by-products and waste • stamping out • disinfection
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps



-  Continuing (domestic)
-  International Boundaries
-  Administrative Boundaries