

Follow-up report No.10

Report reference: AI_H5N8_2017, Reference OIE : 24730, Report Date : 05/09/2017, Country : South Africa

Report Summary

| | | | |
|-------------------------------------|--------------------------------|------------------------------|--------------------|
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| | | Date submitted to OIE | 05/09/2017 |

| | | | |
|-------------------------------------|---|--|---------------------------------|
| Animal type | Terrestrial | Date of report | 05/09/2017 |
| 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= 24, 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: |
|--|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|-----------|
| 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-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 | | | | | | | | |

| 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_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-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 | | | | | | | | |

| 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_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- (this 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: |
|--|----------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| WESTERN CAPE PROVINCE- (this 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- (this 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 | | | | | | | | | |

Outbreak summary: Total outbreaks = 24 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|-------|--------|------------------------|-------------|
| Birds | 2213660 | 53583 | 53398 | 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

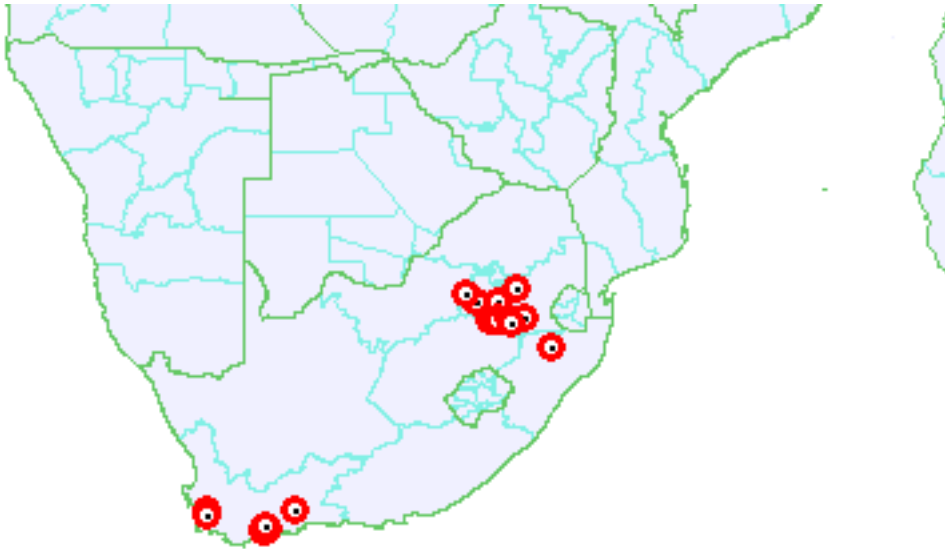
Measures applied




| 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