

Follow-up report No.: 1

Report reference: AI_WCP2011, OIE Ref: 10550, Report Date: 06/05/2011, 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 | 06/05/2011 | Date Submitted To OIE | 06/05/2011 |
| Diagnosis | Laboratory (advanced) | Date Of Last Occurrence | 07/2006 |
| Number Of Reported Outbreaks | Submitted= 9, Draft= 0 | Name of Sender of the report | Dr Bothle Michael Modisane |
| Address | Private Bag X250 PRETORIA 0001 | Position | Chief Director Partnerships |
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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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 207 | ... | 0 | 0 | 0 | |
| 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 5754 | 100 | 100 | 0 | 0 | |
| 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 6523 | ... | 0 | 0 | 0 | |

| | |
|----------------------------|--|
| 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 819 | ... | 0 | 0 | 0 | 0 |
| 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 1610 | ... | 0 | 0 | 0 | 0 |
| Affected Population | Commercial ostrich farm. Outbreak picked up during routine surveillance. No clinical signs seen. | | | | | | |

Outbreak (this 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 1217 | 15 | 0 | 0 | 0 | 0 |
| Affected Population | Positive on PCR. Post-mortem signs seen. | | | | | | |

Outbreak (this 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 307 | 30 | 0 | 0 | 0 | 0 |
| Affected Population | No clinical signs seen. PCR positive. | | | | | | |

Outbreak (this 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 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 337 | 5 | 0 | 0 | 0 | 0 |
| Affected Population | Positive on PCR. No clinical signs seen. | | | | | | |

Outbreak (this report - submitted) (AI_WCP2011_09)

| Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---|-----------------|-------------|---------------|----------|-----------|-------------|----------|
| WESTERN CAPE PROVINCE | Oudtshoorn | Farm | AI_WCP2011_09 | -33,474 | 22,25536 | 14/04/2011 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | |
| Birds | Animals | 553 | ... | 0 | 0 | 0 | |
| Affected Population No clinical signs seen. Positive on serology, negative on PCR. | | | | | | | |

Outbreak summary: Total outbreaks = 9 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds | 17327 | 150 | 100 | 0 | 0 |

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.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

| | | | |
|------------------------|-----------------------------|-------------------------------|----------------|
| Applied | • Quarantine • Screening | To be applied | • Stamping out |
| Animals treated | No | Vaccination Prohibited | Yes |

Country / Zone

Country or zone the whole country

Diagnostic test results

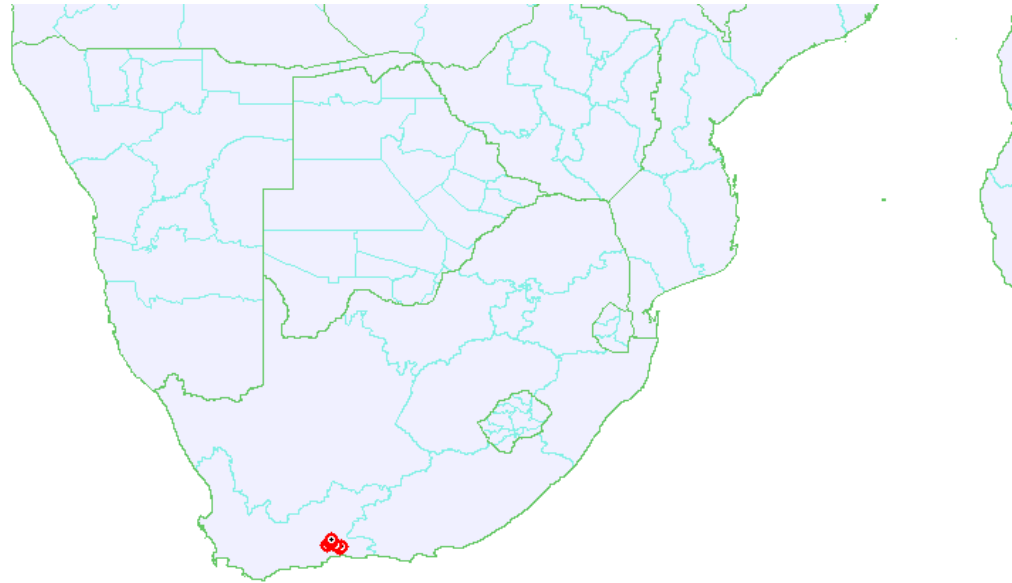
| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|-----------------|--------------------|---------|-----------|-----------------------|--------|
|-----------------|--------------------|---------|-----------|-----------------------|--------|




Future Reporting**What further reports will be submitted in relation to this event?**

There are 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)
-  International Boundaries
-  Administrative Boundaries