

## Follow-up report No.27

Report reference: AI\_H5N8\_2017, Reference OIE : 26137, Report Date : 09/03/2018, Country : South Africa

### Report Summary

|                                     |                                |                              |                    |
|-------------------------------------|--------------------------------|------------------------------|--------------------|
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| <b>Position</b>                     | Chief Director                 | <b>Fax</b>                   | +(2712) 319 7523   |
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|                                     |                                | <b>Date submitted to OIE</b> | 13/03/2018         |

|                                     |   |  |                                 |
|-------------------------------------|---|--|---------------------------------|
| <b>Animal type</b>                  | Terrestrial                                   | <b>Date of report</b>                    | 09/03/2018                      |
| <b>Disease</b>                      | Highly pathogenic avian influenza             | <b>Date of start of the event</b>        | 19/06/2017                      |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus       | <b>Date of confirmation of the event</b> | 22/06/2017                      |
| <b>Serotype(s)</b>                  | H5N8  | <b>Diagnosis</b>                         | Clinical, Laboratory (advanced) |
| <b>Reason</b>                       | New strain of a listed disease in the country | <b>Clinical signs</b>                    | Yes                             |
| <b>Country or zone</b>              | a zone or compartment                         |  |                                 |
| <b>Number of reported outbreaks</b> | submitted= 84, 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 | 11/09/2017 |
| <b>Species</b>                      | <b>Measuring units</b>           | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                               | Animals                          | 280000             | 8211         | 8211          | 178976                        | 0                  |           |            |            |
| Affected Population                 | Commercial broiler breeder 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_002            | -26.8              | 28.8      | 20/06/2017 | 10/11/2017 |
| <b>Species</b>                      | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                               | Animals                | 250000             | 180920       | 180920        | 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 | 29/12/2017 |
| <b>Species</b>                   | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                            | Animals                | 385332             | 39           | 39            | 385293                        | 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_004            | -26.3              | 28.9      | 09/07/2017 | 10/10/2017 |
| <b>Species</b>                      | <b>Measuring units</b>                                     | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                               | Animals  | 7504               | 2535         | 2535          | 4969                          | 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 | 10/11/2017 |
| <b>Species</b>                      | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                               | Animals                | 135                | 50           | 50            | 85                            | 0                  |           |            |            |
| 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 | 10/11/2017 |
| 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 | 10/11/2017 |
| Species                             | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                               | Animals             | 398723             | 32000        | 32000     | 300000                 | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_114     | -33.5       | 22.2      | 02/08/2017 | 05/02/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 2047               | 2            | 0         | 0                      | 0           |           |            |            |
| Affected Population                            | Commercial ostriches |                    |              |           |                        |             |           |            |            |

| 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 | 19/09/2017 |
| Species                          | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                            | Animals             | 31739              | 1774         | 1774      | 29965                  | 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 | 15/02/2018 |
| Species                          | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                            | Animals             | 77236              | 236          | 236       | 77000                  | 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      | 06/08/2017 | 06/10/2017 |
| Species                             | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                               | Animals             | 396760             | 2325         | 2325      | 394435                 | 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 | 27/02/2018 |
| 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 | 10/11/2017 |
| Species                             | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                               | Animals             | 393                | 227          | 227       | 166                    | 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 | -                   | 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:  |
|--|----------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| WESTERN CAPE PROVINCE-other report - submitted | -                    | Hessequa           |              | Farm      | HPAI_H5N8_2017_097     | -34.3       | 20.8      | 15/08/2017 | 04/12/2017 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 1013               | 27           | 0         | 0                      | 1013        |           |            |            |
| Affected Population                            | Commercial ostriches |                    |              |           |                        |             |           |            |            |

| 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 | 06/12/2017 |
| Species                                | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                                  | Animals             | 257580             | 12           | 12        | 257568                 | 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 | -                   | 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_030 | -34.2    | 20.7      | 18/08/2017 | 05/03/2018 |

| Province            | Number of outbreaks    | Local Municipality | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date: |
|---------------------|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|-----------|
| <b>Species</b>      | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| 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_024            | -34.2              | 20.8      | 21/08/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| 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 | -                      | Hessequa           |              | Farm          | HPAI_H5N8_2017_029            | -34.3              | 20.7      | 21/08/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| 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-other report - submitted | -   | City of Cape Town  |              | Farm          | HPAI_H5N8_2017_035            | -33.6              | 18.7      | 21/08/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b>  | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| 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 | -                      | Beaufort West      |              | Farm          | HPAI_H5N8_2017_051            | -31.8              | 23.6      | 21/08/2017 | 25/10/2017 |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| 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_036            | -34.2              | 20.9      | 23/08/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| 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_023            | -33.6              | 18.7      | 23/08/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 160000             | 10000        | 10000         | 150000                        | 0                  |           |            |           |
| Affected Population                            |                        |                    |              |               |                               |                    |           |            |           |

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| 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-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 | 18/02/2018 |
| 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:  |
|--|----------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| WESTERN CAPE PROVINCE-other report - submitted | -                    | Hessequa           |              | Farm      | HPAI_H5N8_2017_092     | -34.1       | 21.0      | 28/08/2017 | 14/11/2017 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 899                | 3            | 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 | -                   | Drakenstein        |              | Backyard  | HPAI_H5N8_2017_071     | -33.7       | 19.0      | 30/08/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 195                | 12           | 11        | 1                      | 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              |              | Backyard  | HPAI_H5N8_2017_037     | -27.0       | 29.4      | 30/08/2017 | 10/11/2017 |
| 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: |
|----------|---------------------|--------------------|--------------|-----------|----------|----------|-----------|------------|-----------|
|----------|---------------------|--------------------|--------------|-----------|----------|----------|-----------|------------|-----------|

| 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 | 07/12/2017 |
| Species                                      | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals             | 54000              | 4857         | 4857      | 43732                  | 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 | -                   | Swartland          |              | Farm      | HPAI_H5N8_2017_057     | -33.4       | 18.5      | 04/09/2017 | 16/01/2018 |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals             | 92324              | 10000        | 10000     | 82324                  | 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_120     | -34.1       | 21.5      | 05/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 1706               | 3            | 0         | 0                      | 0           |           |            |           |
| Affected Population<br>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_058     | -33.6       | 18.7      | 06/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 360000             | 60000        | 60000     | 300000                 | 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 | -                   | Theewaterskloof    |              | Backyard  | HPAI_H5N8_2017_079     | -34.2       | 19.3      | 06/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 24                 | 13           | 11        | 2                      | 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 | -                   | Stellenbosch       |              | Farm      | HPAI_H5N8_2017_052     | -33.8       | 18.75     | 08/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 274262             | 200000       | 200000    | 0                      | 0           |           |            |           |
| Affected Population                            |                     |                    |              |           |                        |             |           |            |           |

| 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 | -                   | Drakenstein        |              | Farm      | HPAI_H5N8_2017_056     | -33.6       | 18.8      | 08/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 585000             | 20000        | 20000     | 400000                 | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_113     | -33.6       | 22.0      | 08/09/2017 | 05/01/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 2433               | 3            | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_053     | -33.5       | 21.8      | 11/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 292                | 3            | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_055     | -33.5       | 21.8      | 11/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 285                | 1            | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_054     | -33.6       | 21.8      | 12/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 8                  | 1            | 0         | 0                      | 0           |           |            |           |
| Affected Population                            | Commercial Ostriches |                    |              |           |                        |             |           |            |           |

| Province                                       | Number of outbreaks | Local Municipality | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|--|---------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| EASTERN CAPE PROVINCE-other report - submitted | -                   | Nelson Mandela Bay |              | Farm      | HPAI_H5N8_2017_061     | -33.8       | 25.3      | 12/09/2017 | 16/02/2018 |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals             | 9043               | 3183         | 3183      | 5860                   | 0           |           |            |            |
| Affected Population                            |                     |                    |              |           |                        |             |           |            |            |

| 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_062     | -33.6       | 21.7      | 13/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 297                | 1            | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_107     | -33.6       | 22.0      | 13/09/2017 | 07/01/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 1260               | 2            | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_072     | -33.5       | 21.8      | 15/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 194                | 11           | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_103     | -33.6       | 22.1      | 15/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 143                | 1            | 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 | -                   | Stellenbosch       |              | Farm      | HPAI_H5N8_2017_070     | -33.3       | 18.7      | 16/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 176000             | 100000       | 100000    | 9000                   | 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 | -                   | Swartland          |              | Farm      | HPAI_H5N8_2017_064     | -33.3       | 18.5      | 17/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 160000             | 60           | 60        | 0                      | 0           |           |            |           |
| Affected Population                            |                     |                    |              |           |                        |             |           |            |           |

| 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 | -                   | Swartland          |              | Farm      | HPAI_H5N8_2017_059     | -33.6       | 18.7      | 17/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 590000             | 500          | 500       | 25000                  | 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 | -                   | Drakenstein        |              | Farm      | HPAI_H5N8_2017_074     | -33.6       | 18.8      | 18/09/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 50500              | 500          | 500       | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_073     | -33.5       | 21.7      | 19/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1223               | 3            | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_104     | -33.7       | 22.3      | 19/09/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 2523               | 23           | 0         | 0                      | 0           |           |            |           |
| Affected Population                            | Commercial Ostriches |                    |              |           |                        |             |           |            |           |

| Province                            | Number of outbreaks | Local Municipality | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date: |
|-------------------------------------|---------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| FREE STATE-other report - submitted | -                   | Matjhabeng         |              | Farm      | HPAI_H5N8_2017_084     | -27.8       | 26.7      | 22/09/2017 |           |
| Species                             | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds                               | Animals             | 160000             | 35           | 35        | 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 | -                   | City of Cape Town  |              | Farm      | HPAI_H5N8_2017_065     | -33.7       | 18.7      | 22/09/2017 | 02/01/2018 |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals             | 33000              | 39           | 39        | 32961                  | 0           |           |            |            |
| Affected Population                            |                     |                    |              |           |                        |             |           |            |            |

| Province                            | Number of outbreaks | Local Municipality | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date: |
|-------------------------------------|---------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| FREE STATE-other report - submitted | -                   | Matjhabeng         |              | Farm      | HPAI_H5N8_2017_078     | -27.8       | 26.7      | 23/09/2017 |           |
| Species                             | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |

Follow-up report No.: 27, Report reference: AI\_H5N8\_2017, OIE Ref: 26137, Report Date: 09/03/2018, Country: South Africa

| Province            | Number of outbreaks    | Local Municipality | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date: |
|---------------------|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|-----------|
| <b>Species</b>      | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds               | Animals                | 200000             | 2000         | 2000          | 12000                         | 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 | -                      | Mossel Bay         |              | Farm          | HPAI_H5N8_2017_098            | -34.1              | 21.7      | 26/09/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 720                | 12           | 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 | -                      | Oudtshoorn         |              | Farm          | HPAI_H5N8_2017_093            | -33.6              | 22.2      | 26/09/2017 | 16/02/2018 |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds  | Animals                | 580                | 14           | 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 | -                      | Oudtshoorn         |              | Farm          | HPAI_H5N8_2017_091            | -33.6              | 22.0      | 27/09/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 72                 | 1            | 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_123            | -34.1              | 21.6      | 27/09/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 436                | 1            | 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 | -                      | Theewaterskloof    |              | Farm          | HPAI_H5N8_2017_081            | -34.1              | 19.0      | 01/10/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 25140              | 452          | 452           | 19412                         | 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 | -                      | Drakenstein        |              | Farm          | HPAI_H5N8_2017_082            | -33.6              | 18.9      | 02/10/2017 |           |
| <b>Species</b>                                 | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds  | Animals                | 180000             | 20000        | 20000         | 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 | -                   | Drakenstein        |              | Farm      | HPAI_H5N8_2017_087     | -33.6       | 18.8      | 09/10/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 422602             | 200          | 200       | 218602                 | 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_101     | -34.2       | 21.0      | 11/10/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 524                | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_106     | -33.4       | 22.2      | 11/10/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1878               | 2            | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_110     | -33.5       | 22.2      | 16/10/2017 | 02/03/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 556                | 39           | 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 | -                   | Drakenstein        |              | Farm      | HPAI_H5N8_2017_095     | -33.5       | 18.8      | 18/10/2017 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 28043              | 200          | 200       | 1973                   | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_102     | -33.5       | 22.5      | 20/10/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1121               | 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: |
|----------|---------------------|--------------------|--------------|-----------|----------|----------|-----------|------------|-----------|
|          |                     |                    |              |           |          |          |           |            |           |

| Province                                       | Number of outbreaks  | Local Municipality | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|--|----------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| WESTERN CAPE PROVINCE-other report - submitted | -                    | Swellendam         |              | Farm      | HPAI_H5N8_2017_118     | -34.2       | 20.4      | 25/10/2017 | 20/02/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 576                | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_111     | -33.6       | 22.1      | 26/10/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 745                | 11           | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_105     | -33.5       | 22.5      | 31/10/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 162                | 6            | 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_112     | -34.0       | 21.5      | 07/11/2017 | 26/12/2017 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 287                | 1            | 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_117     | -34.0       | 21.6      | 13/11/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 261                | 3            | 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 | -                    | Swartland          |              | Farm      | HPAI_H5N8_2017_122     | -33.3       | 18.2      | 17/11/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1775               | 5            | 0         | 0                      | 0           |           |            |           |
| Affected Population                            | Commercial ostriches |                    |              |           |                        |             |           |            |           |

| 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: |
|--|----------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| EASTERN CAPE PROVINCE-other report - submitted | -                    | Dr Beyers Naude    |              | Farm      | HPAI_H5N8_2017_109     | -32.3       | 23.9      | 22/11/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 468                | 18           | 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_119     | -34.2       | 20.8      | 23/11/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1981               | 12           | 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 | -                    | Oudtshoorn         |              | Farm      | HPAI_H5N8_2017_121     | -33.6       | 22.3      | 28/11/2017 | 25/02/2018 |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds  | Animals              | 1004               | 64           | 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 | -                    | Witzenberg         |              | Farm      | HPAI_H5N8_2017_116     | -33.2       | 19.9      | 04/12/2017 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 5253               | 30           | 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 | -                    | Kannaland          |              | Farm      | HPAI_H5N8_2017_137     | -33.5       | 21.6      | 03/01/2018 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 1643               | 15           | 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_138     | -34.1       | 21.0      | 15/01/2018 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 170                | 1            | 0         | 0                      | 0           |           |            |           |
| Affected Population                            | Commercial ostriches |                    |              |           |                        |             |           |            |           |

| 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 | -                    | Swellendam         |              | Farm      | HPAI_H5N8_2017_139     | -34.1       | 20.2      | 16/01/2018 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 391                | 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) | -                    | Witzenberg         |              | Farm      | HPAI_H5N8_2017_164     | -33.3       | 19.1      | 16/01/2018 |           |
| Species  | Measuring units      | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals              | 79                 | 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 | -                   | Theewaterskloof    |              | Backyard  | HPAI_H5N8_2017_149     | -34.3       | 19.4      | 29/01/2018 |           |
| Species  | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds  | Animals             | 14                 | 4            | 4         | 0                      | 0           |           |            |           |
| Affected Population                            |                     |                    |              |           |                        |             |           |            |           |

| Province                         | Number of outbreaks | Local Municipality | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date: |
|----------------------------------|---------------------|--------------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| LIMPOPO-other report - submitted | -                   | Elias Motsoaledi   |              | Backyard  | HPAI_H5N8_2017_150     | -25.2       | 29.3      | 11/02/2018 |           |
| Species                          | Measuring units     | Susceptible        | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Birds                            | Animals             | 130                | 8            | 8         | 0                      | 0           |           |            |           |
| Affected Population              |                     |                    |              |           |                        |             |           |            |           |

### Outbreak summary: Total outbreaks = 84 (Submitted)

| Species | Susceptible | Cases  | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|--------|--------|------------------------|-------------|
| Birds   | 5770507     | 668708 | 666180 | 3091522                | 1013        |

### 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

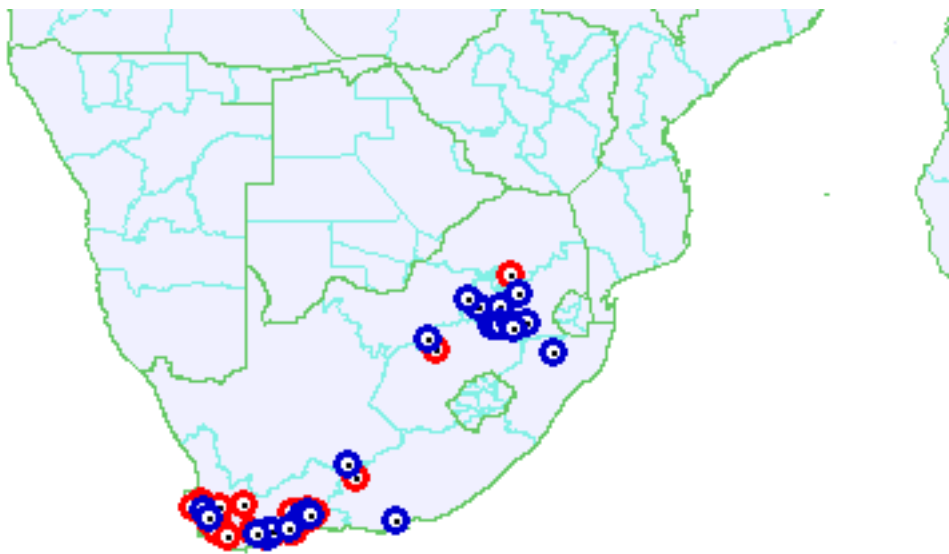
### Measures applied



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

### Future Reporting

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

## Outbreak maps



-  Resolved (domestic)
-  Continuing (domestic)
-  International Boundaries
-  Administrative Boundaries