**Report Summary**

Name of sender of the report: Dr Bothle Michael Modisane  
Position: Chief Director  
Address: Private Bag X250 PRETORIA 0001  
Telephone: +(2712) 319 7463  
Fax: +(2712) 319 7523  
Email: BotlheM@daff.gov.za  
Date submitted to OIE: 22/08/2017

**Animal type**  
Terrestrial  
**Date of report**: 22/08/2017

**Disease**  
Highly pathogenic avian influenza  
**Date of start of the event**: 19/06/2017

**Causal Agent**  
Highly pathogenic avian influenza virus  
**Date of confirmation of the event**: 22/06/2017

**Serotype(s)**  
H5N8  
**Diagnosis**: Clinical, Laboratory (advanced)

**Reason**  
New strain of a listed disease in the country  
Clinical signs: Yes

**Country or zone**  
a zone or compartment

**Number of reported outbreaks**  
submitted= 14, Draft= 0

### Outbreak details

<table>
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<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>Local Municipality</th>
<th>Sub-district</th>
<th>Unit Type</th>
<th>Location</th>
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<th>Longitude</th>
<th>Start Date</th>
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**Affected Population**  
Commercial broiler breeder farm.  
Process has started to cull remainder of birds.

Commercial layer farm

Commercial layer farm

The outbreak occurred in chickens (commercial layer farm).
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### Province: MPUMALANGA - (this report - submitted)
- **Local Municipality**: Dr Pixley ke Seme
- **Sub-district**: Backyard
- **Unit Type**: HPAL_H5N8_2017_018
- **Location**: 26.8, 29.8
- **Start Date**: 11/08/2017

#### Affected Population
- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible Cases**: 1071
- **Deaths**: 22
- **Killed and disposed of**: 0
- **Slaughtered**: 0

### Province: KWAZULU-NATAL - (this report - submitted)
- **Local Municipality**: Abaqulusi
- **Sub-district**: Farm
- **Unit Type**: HPAL_H5N8_2017_019
- **Location**: 27.9, 30.8
- **Start Date**: 17/08/2017

#### Affected Population
- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible Cases**: 266
- **Deaths**: 81
- **Killed and disposed of**: 135
- **Slaughtered**: 0

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**Outbreak summary: Total outbreaks = 14 (Submitted)**

#### Species
- **Birds**
  - **Susceptible**: 1990735
  - **Cases**: 9821
  - **Deaths**: 37766
  - **Killed and disposed of**: 622278
  - **Slaughtered**: 0

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**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**
  - Surveillance within containment and/or protection zone
  - Traceability
  - Quarantine

- **To be applied**
  - Official destruction of animal products
  - Official disposal of carcasses, by-products and waste
  - Stamping out
  - Disinfection

**Animals treated**
- Vaccination Prohibited

**Future Reporting**
- The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps