**Follow-up report No.14**


**Name of sender of the report**
Dr Gaston Djonwe

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+237 22 31 60 48

**Position**
Directeur des Services Vétérinaires

**Address**
Yaoundé Yaoundé

**Fax**
+237 22 31 60 49

**Email**
djonweg@yahoo.com

**Date submitted to OIE**
28/10/2016

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**Animal type**
Terrestrial

**Date of report**
28/10/2016

**Disease**
Highly pathogenic avian influenza

**Date of start of the event**
20/05/2016

**Causal Agent**
Highly pathogenic avian influenza virus

**Date of confirmation of the event**
24/05/2016

**Serotype(s)**
H5N1

**Date of last occurrence**
12/03/2006

**Reason**
Reoccurrence of a listed disease

**Country or zone**
a zone or compartment

**Clinical signs**
Yes

**Diagnosis**
Clinical, Laboratory (advanced)

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**Number of reported outbreaks**
submitted= 18, Draft= 0

**Outbreak details**

<table>
<thead>
<tr>
<th>Region</th>
<th>Number of outbreaks</th>
<th>Département</th>
<th>Arrondissement</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTRE-other report - submitted</td>
<td>-</td>
<td>Mfoundi</td>
<td>Yaoundé 6</td>
<td>Farm</td>
<td>Poultry complex of Mvog Besti</td>
<td>3.865473</td>
<td>11.484552</td>
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<td>15/06/2016</td>
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<tr>
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<td>-</td>
<td>Mfoundi</td>
<td>Yaoundé 4</td>
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<tr>
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<td>Mvilla</td>
<td>Ebolowa 2</td>
<td>Not applicable</td>
<td>Marché Oyenga</td>
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<td>02/06/2016</td>
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<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>33000</td>
<td>15000</td>
<td>15000</td>
<td>18000</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td>1200</td>
<td>682</td>
<td>682</td>
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<td>7</td>
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<table>
<thead>
<tr>
<th>Affect ed Population</th>
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<tr>
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<tbody>
<tr>
<td>Broilers and spent chickens of different ages.</td>
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</table>

<table>
<thead>
<tr>
<th>Affect ed Population</th>
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</thead>
<tbody>
<tr>
<td>Broilers, layers, village chicken and ducks.</td>
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<table>
<thead>
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<tbody>
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<td>Ducks.</td>
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<tr>
<td>Species</td>
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<tr>
<td>Birds</td>
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<tr>
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<tr>
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<tr>
<td>Affected Population</td>
</tr>
</tbody>
</table>

Follow-up report No.: 14, Report reference:  , OIE Ref: 21390, Report Date: 28/10/2016, Country: Cameroon
### Region: OUEST

- **Species:** Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
  - **Koung Khi**
    - **Bayangam**
      - **Farm**
        - **Bayangam**
          - **Location:** Bayangam
          - **Latitude:** 5.295661
          - **Longitude:** 10.451634
          - **Start Date:** 31/05/2016
          - **End Date:** 10/06/2016
          - **Affected Population:** 2-week-old, 2 week-old and 8-week-old broilers.
          - **Species:** Birds, Animals
          - **Susceptible:** 12000
          - **Cases:** 1500
          - **Deaths:** 1500
          - **Destroyed:** 10500
          - **Slaughtered:** 0
          - **Region:** OUEST
          - **Number of outbreaks:** -
          - **Département:** Kouré
          - **Arrondissement:** Bayangam
          - **Unit Type:** Farm
          - **Location:** Bayangam
          - **Latitude:** 5.295661
          - **Longitude:** 10.451634
          - **Start Date:** 31/05/2016
          - **End Date:** 10/06/2016
          - **Affected Population:** 2-week-old, 2 week-old and 8-week-old broilers.

### Region: SUD

- **Species:** Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
  - **Mfi**
    - **Bafousam II**
      - **Not applicable**
        - **Cassablanca market.**
          - **Location:** Cassablanca market
          - **Latitude:** 3.492797
          - **Longitude:** 10.397273
          - **Start Date:** 31/05/2016
          - **End Date:** 10/06/2016
          - **Affected Population:** Village poultry, turkeys, ducks and broilers of different ages.
          - **Species:** Birds, Animals
          - **Susceptible:** 428
          - **Cases:** 61
          - **Deaths:** 61
          - **Destroyed:** 4561
          - **Slaughtered:** 0
          - **Region:** SUD
          - **Number of outbreaks:** -
          - **Département:** Mfou
          - **Arrondissement:** Bafousam II
          - **Unit Type:** Farm
          - **Location:** Cassablanca market
          - **Latitude:** 3.492797
          - **Longitude:** 10.397273
          - **Start Date:** 31/05/2016
          - **End Date:** 10/06/2016
          - **Affected Population:** Village poultry, turkeys, ducks and broilers of different ages.

### Region: CENTRE

- **Species:** Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
  - **MfounDou**
    - **Yaoundé 6**
      - **Farm**
        - **Jouvence**
          - **Location:** Jouvence
          - **Latitude:** 3.829693
          - **Longitude:** 11.479581
          - **Start Date:** 01/06/2016
          - **End Date:** 13/06/2016
          - **Affected Population:** 60-day-old broilers.
          - **Species:** Birds, Animals
          - **Susceptible:** 831
          - **Cases:** 300
          - **Deaths:** 300
          - **Destroyed:** 531
          - **Slaughtered:** 0
          - **Region:** CENTRE
          - **Number of outbreaks:** -
          - **Département:** Mfoundi
          - **Arrondissement:** Yaoundé 6
          - **Unit Type:** Farm
          - **Location:** Jouvence
          - **Latitude:** 3.829693
          - **Longitude:** 11.479581
          - **Start Date:** 01/06/2016
          - **End Date:** 13/06/2016
          - **Affected Population:** 60-day-old broilers.

### Region: ADAMAOUA

- **Species:** Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
  - **Djerem**
    - **Tibati**
      - **Backyard**
        - **Duber**
          - **Location:** Duber
          - **Latitude:** 6.654656
          - **Longitude:** 12.098571
          - **Start Date:** 04/06/2016
          - **End Date:** 08/06/2016
          - **Affected Population:** Village poultry.
          - **Species:** Birds, Animals
          - **Susceptible:** 66
          - **Cases:** 48
          - **Deaths:** 48
          - **Destroyed:** 18
          - **Slaughtered:** 0
          - **Region:** ADAMAOUA
          - **Number of outbreaks:** -
          - **Département:** Djerem
          - **Arrondissement:** Tibati
          - **Unit Type:** Backyard
          - **Location:** Duber
          - **Latitude:** 6.654656
          - **Longitude:** 12.098571
          - **Start Date:** 04/06/2016
          - **End Date:** 08/06/2016
          - **Affected Population:** Village poultry.

### Outbreak summary: Total outbreaks = 18 (Submitted)

- **Species:** Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
  - **Affected Population:** Population of breeders: 15, 26, 29 and 51 weeks old. Commercial layers: one week old. Following reinforcement of the surveillance of avian influenza in Cameroon and in compliance with articles 3 and 5 of the Act 006 of 16 April 2001 on zoon-sanitary standards applying to livestock diseases legally considered as contagious and subjected to compulsory reporting, the owners of the poultry farm reported high mortality within the breeders rearing facilities.
  - **Region:** OUEST
  - **Number of outbreaks:** -
  - **Département:** Mfou
  - **Arrondissement:** Bafousam II
  - **Unit Type:** Farm
  - **Location:** Cassablanca market
  - **Latitude:** 3.492797
  - **Longitude:** 10.397273
  - **Start Date:** 31/05/2016
  - **End Date:** 10/06/2016
  - **Affected Population:** Village poultry, turkeys, ducks and broilers of different ages.
  - **Species:** Birds, Animals
  - **Susceptible:** 428
  - **Cases:** 61
  - **Deaths:** 61
  - **Destroyed:** 4561
  - **Slaughtered:** 0
  - **Region:** SUD
  - **Number of outbreaks:** -
  - **Département:** Mfou
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  - **Species:** Birds, Animals
  - **Susceptible:** 831
  - **Cases:** 300
  - **Deaths:** 300
  - **Destroyed:** 531
  - **Slaughtered:** 0
  - **Region:** CENTRE
  - **Number of outbreaks:** -
  - **Département:** Mfoundi
  - **Arrondissement:** Yaoundé 6
  - **Unit Type:** Farm
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  - **Destroyed:** 18
  - **Slaughtered:** 0

### Epidemiology

### Epidemiological comments

Follow-up report No.: 14, Report reference: , OIE Ref: 21390, Report Date: 28/10/2016, Country: Cameroon
**Epidemiological comments**

**Source of the outbreak(s) or origin of infection**

- Unknown or inconclusive

Intensive surveillance is on-going according to Law 006 of 16 April 2001 on animal health standards applying to livestock diseases legally considered as contagious and notifiable and according to the OIE Terrestrial Animal Health Code. Clinical and epidemiological investigations are conducted according to defined areas and risk factors based on the legal texts in force in each region. Movement control of poultry and of poultry products is strengthened.

**Source of the outbreak(s) or origin of infection**

- Unknown or inconclusive

**Measures applied**

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• stamping out</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• quarantine</td>
<td></td>
</tr>
<tr>
<td>• movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• screening</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
<tr>
<td>• disinfection / disinfestation</td>
<td></td>
</tr>
<tr>
<td>• surveillance outside containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• official disposal of carcasses, by-products and waste</td>
<td></td>
</tr>
<tr>
<td>• dipping / spraying</td>
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</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
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</tr>
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</table>

**Animals treated**

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<tr>
<th>Vaccination Prohibited</th>
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<th>Yes</th>
</tr>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td></td>
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</tr>
</tbody>
</table>

**Future Reporting**

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

Follow-up report No.: 14, Report reference: , OIE Ref: 21390, Report Date: 28/10/2016, Country: Cameroon
Outbreak maps