Follow-up report No.2

Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr Gaston Djonwe</th>
</tr>
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<tbody>
<tr>
<td>Position</td>
<td>Directeur des Services Vétérinaires</td>
</tr>
<tr>
<td>Address</td>
<td>Yaoundé Yaoundé</td>
</tr>
<tr>
<td>Date submitted to OIE</td>
<td>08/07/2016</td>
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<table>
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<td>Disease</td>
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<tr>
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<td>Serotype(s)</td>
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<table>
<thead>
<tr>
<th>Reason</th>
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<tbody>
<tr>
<td>Country or zone</td>
<td>a zone or compartment</td>
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<tr>
<td>Clinical signs</td>
<td>Yes</td>
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<tr>
<td>Number of reported outbreaks</td>
<td>submitted= 17, Draft= 0</td>
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<table>
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<tr>
<th>Outbreak details</th>
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<tr>
<td>CENTRE-other report - submitted</td>
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<tr>
<td>SUD-other report - submitted</td>
</tr>
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<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Affected Population</td>
<td>Brosiers and spent chickens of different ages.</td>
</tr>
<tr>
<td>Affected Population</td>
<td>Brosiers, layers, village chicken and ducks.</td>
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<tr>
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Printed on: Fri Jul 8 15:49:30 CEST 2016
<table>
<thead>
<tr>
<th>Region</th>
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<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>
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<tr>
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<td>Mvilla</td>
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<td>Farm</td>
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<td>Cases</td>
<td>Deaths</td>
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<td>Slaughtered</td>
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<td>Mekoumou - Afanoya</td>
<td>3.755666</td>
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<td>Deaths</td>
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<td>Species</td>
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<td>Cases</td>
<td>Deaths</td>
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<td>Yaoundé 6</td>
<td>Farm</td>
<td>Akoundou II (Biyem Assi)</td>
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<td>Cases</td>
<td>Deaths</td>
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Follow-up report No.: 2, Report reference: , OIE Ref: 20423, Report Date: 08/07/2016, Country: Cameroon
<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>
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<tbody>
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<td>Koung Khi</td>
<td>Bayangam</td>
<td>Farm</td>
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<td>5.295661</td>
<td>10.451634</td>
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<td>10/06/2016</td>
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</tbody>
</table>

**Species**

- Measuring units: Susceptible
- 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.

<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>
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<td>Bafoussam II</td>
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</table>

**Species**

- Measuring units: Susceptible
- Location: Cassablanca market
- Latitude: 5.492797
- Longitude: 10.397273
- Start Date: 31/05/2016
- End Date: 03/06/2016

**Affected Population**

Village poultry, turkeys, ducks and broilers of different ages.

<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>
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**Species**

- Measuring units: Susceptible
- Location: New-Bell
- Latitude: 2.930124
- Longitude: 11.147616
- Start Date: 01/06/2016
- End Date: 13/06/2016

**Affected Population**

Broilers aged 30 days, cockerels aged 60 days and laying hens aged 12 months.

<table>
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<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>
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<tbody>
<tr>
<td>CENTRE-other report - submitted</td>
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<td>Mfoundi</td>
<td>Yaounde 6</td>
<td>Farm</td>
<td>Jouvence</td>
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<td>09/06/2016</td>
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**Species**

- Measuring units: Susceptible
- Location: Jouvence
- Latitude: 3.829693
- Longitude: 11.479581
- Start Date: 03/06/2016
- End Date: 09/06/2016

**Affected Population**

60-day-old broilers.

<table>
<thead>
<tr>
<th>Region</th>
<th>Number of outbreaks</th>
<th>Département</th>
<th>Arrondissement</th>
<th>Unit Type</th>
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<th>Longitude</th>
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<th>End Date</th>
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<td>Tibati</td>
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<td>Daber</td>
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<td>12.098571</td>
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**Species**

- Measuring units: Susceptible
- Location: Daber
- Latitude: 6.654656
- Longitude: 12.098571
- Start Date: 04/06/2016
- End Date: 08/06/2016

**Affected Population**

Village poultry.

**Outbreak summary: Total outbreaks = 17 (Submitted)**

**Epidemiology**

**Epidemiological comments**

- Epidemiological surveillance network of Cameroon (RESCAM) in collaboration with the National Veterinary Laboratory (LANAVET) continue the epidemiological investigation, including enhanced surveillance and laboratory tests.
- Sequencing of viruses isolated shows that they belonged to a H5 highly pathogenic avian influenza virus lineage and is within the gene cluster 2.3.2.1c (WHO/OIE/FAO, 2014).
- As part of the disease management, zones have been identified: protection zone, surveillance zone and free zone. Biosecurity measures applied in each zone are in accordance with Chapter 10.4. on infection with avian influenza viruses of the Terrestrial Animal Health Code (2015) and Law No. 006 of 16 April 2001 on animal health standards applying to livestock diseases legally considered as contagious and notifiable. No new avian influenza cases have been identified.

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

- • Unknown or inconclusive

**Measures applied**

- To be applied

Follow-up report No.: 2, Report reference: , OIE Ref: 20423, Report Date: 08/07/2016, Country: Cameroon
Applied
• stamping out
• quarantine
• movement control inside the country
• screening
• zoning
• disinfection / disinfestation
• surveillance outside containment and/or protection zone
• official disposal of carcasses, by-products and waste
• dipping / spraying
• surveillance within containment and/or protection zone

To be applied
• no planned control measures

Animals treated
Vaccination Prohibited

No

Diagnostic test results

<table>
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<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
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<td>gene sequencing</td>
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<td>OIE Reference Laboratory</td>
<td>Experimental Zooprophylactic Institute (IZS), Padova (Italy)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>29/06/2016</td>
<td>Positive</td>
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</table>

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