Follow-up report No.5

Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr Loic Evain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone</td>
<td>(33) 1 49 55 81 77</td>
</tr>
<tr>
<td>Position</td>
<td>Directeur Général adjoint, CVO</td>
</tr>
<tr>
<td>Address</td>
<td>251, rue de Vaugirard 75732 PARIS Cedex 15 Paris</td>
</tr>
<tr>
<td>Date submitted to OIE</td>
<td>13/12/2016</td>
</tr>
</tbody>
</table>

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N8
Reason: New strain of a listed disease

Date of report: 12/12/2016
Date of start of the event: 25/11/2016
Date of confirmation of the event: 01/12/2016

Disease: Clinical, Laboratory (advanced)

Clinical signs: Yes

Country or zone: a zone or compartment
Number of reported outbreaks: submitted= 19, Draft= 0

## Outbreak details

### TARN-other report - submitted

**Commune:** Almayrac
**Species:** Birds
**Measuring units:** Animals
**Susceptible:** 5143
**Cases:** 2000
**Deaths:** 2000
**Destroyed:** 3142
**Slaughtered:** 0

**Affected Population:** Mortality has been observed since 25 November 2016 in an open-air farm with ducks ready for gavage. On 1 December, the national reference laboratory confirmed the presence of H5N8 virus in samples taken on 28 November. All of the animals in the farm will be destroyed this day (2 December), as well as the animals from a nearby farm and the 30 poultry birds from a backyard located in the immediate neighbourhood, in which 10 animals showed clinical signs and three died.

Epidemiological investigation is ongoing and animals from any linked farm will be subjected to pre-emptive stamping out.

### GERS-other report - submitted

**Commune:** Monlezun
**Species:** Birds
**Measuring units:** Animals
**Susceptible:** 15600
**Cases:** 100
**Deaths:** 100
**Destroyed:** 14500
**Slaughtered:** 0

**Affected Population:** The animals of the farm (1,600 ducks in gavage stage and 14,000 ducks ready for gavage), epidemiologically related to the outbreak in Tarn, will be destroyed on December 7th, 2016.

### GERS-other report - submitted

**Commune:** Beaumont sur l’Osses
**Species:** Birds
**Measuring units:** Animals
**Susceptible:** 690
**Cases:** 100
**Deaths:** 100
**Destroyed:** 590
**Slaughtered:** 0

**Affected Population:** The ducks of the farm epidemiologically related to the outbreak in Tarn were destroyed this day.

### LOT-ET-GARONNE-othr report - submitted

**Commune:** Monbahus
**Species:** Birds
**Measuring units:** Animals
**Susceptible:** 4950
**Cases:** 200
**Deaths:** 200
**Destroyed:** 4750
**Slaughtered:** 0

**Affected Population:** The animals of the farm epidemiologically related to the outbreak in Tarn were pre-emptively destroyed on December 2nd, 2016.

### TARN-other report - submitted

**Commune:** Almayrac
**Species:** Birds
**Measuring units:** Animals
**Susceptible:** 441017
**Cases:** 21675
**Deaths:** 21675
**Destroyed:** 0
**Slaughtered:** 0

**Affected Population:** The animals of the farm epidemiologically related to the outbreak in Tarn were destroyed this day.

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<table>
<thead>
<tr>
<th>Département</th>
<th>Number of outbreaks</th>
<th>Commune</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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</thead>
<tbody>
<tr>
<td>TARN - other report - submitted</td>
<td>-</td>
<td>Monestiés</td>
<td>Farm</td>
<td>Monestiés</td>
<td>44.071944</td>
<td>2.097778</td>
<td>03/12/2016</td>
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<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>14900</td>
<td>250</td>
<td>150</td>
<td>0</td>
<td>0</td>
<td></td>
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</tbody>
</table>

Affected Population: Suggestive clinical signs in a farm with ducks ready for gavage led to the confirmation of the presence of H5N8 virus. The animals will be slaughtered and destroyed on December 7th, 2016.

Follow-up report No.: 5, Report reference: H5N8_2, OIE Ref: 21874, Report Date: 12/12/2016, Country: France
<table>
<thead>
<tr>
<th>Département</th>
<th>Number of outbreaks</th>
<th>Commune</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>GERS-</td>
<td>-</td>
<td>Ricourt</td>
<td>Farm</td>
<td>RICOURT</td>
<td>43.4886</td>
<td>0.1781</td>
<td>07/12/2016</td>
<td>08/12/2016</td>
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<tr>
<td>LOT-ET-GARONNE-</td>
<td>-</td>
<td>Monbahus</td>
<td>Farm</td>
<td>Monbahus</td>
<td>44.549167</td>
<td>0.535833</td>
<td>07/12/2016</td>
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<tr>
<td>LOT-ET-GARONNE-</td>
<td>-</td>
<td>Monbahus</td>
<td>Farm</td>
<td>Monbahus</td>
<td>44.549167</td>
<td>0.535833</td>
<td>07/12/2016</td>
<td></td>
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<tr>
<td>PYRENEES-ATLANTIQ-UES-</td>
<td>-</td>
<td>Ger</td>
<td>Farm</td>
<td>Ger</td>
<td>43.2539</td>
<td>-0.255833</td>
<td>09/12/2016</td>
<td>13/12/2016</td>
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<tr>
<td>GERS-</td>
<td>-</td>
<td>Segos</td>
<td>Farm</td>
<td>Segos</td>
<td>43.6258</td>
<td>-0.255833</td>
<td>08/12/2016</td>
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</tr>
</tbody>
</table>

**Species**

Birds

**Measuring units**

Animals

**Susceptible**

3010

<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>3010</td>
<td>20</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

Mortality episode in a multiple-species farm located within the protection zone around the Almayrac outbreak.

Farm headcount:
- 40 ducks
- 2000 chickens, including 20 sick and 5 dead
- 70 geese
- 900 capons, including 5 dead

Samples taken following a clinical suspicion regarding the 7,600 ducks of a multiple-species farm, which also includes 17,600 chickens. All the animals were destroyed on December 8th, 2016.

Samples taken within the surveillance framework carried out in the protection zone in a farm with 2,200 ducks in gavage process.

Samples taken within the analytical surveillance framework carried out in the protection zone in a farm with 2,200 ducks in gavage process.

Samples taken during investigations on epidemiological link with the outbreak in Ricourt.

Samples taken within the surveillance framework carried out in the protection zone. The animals were destroyed on 13th December 2016.
### Outbreak summary: Total outbreaks = 19 (Submitted)

<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>107603</td>
<td>3610</td>
<td>3253</td>
<td>71889</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Epidemiology

**Epidemiological comments**

A 3-km protection zone and a 10-km surveillance zone were implemented around the outbreaks. Investigations on epidemiological links are carried out.

**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>* 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>* surveillance within containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>* traceability</td>
<td></td>
</tr>
</tbody>
</table>

#### Animals treated

<table>
<thead>
<tr>
<th>Animals treated</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Diagnostic test results

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>ANSES National Reference Laboratory for Avian Influenza, Ploufragan</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>11/12/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES National Reference Laboratory for Avian Influenza, Ploufragan</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>11/12/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

#### Future Reporting

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