Report Summary

Name of sender of the report: Dr Loïc Evain
Telephone: (33) 1 49 55 81 77
Position: Directeur Général adjoint, CVO
Fax: (33) 1 49 55 55 91
Address: 251, rue de Vaugirard, 75732 PARIS Cedex 15 Paris
Date submitted to OIE: 15/12/2016

Animal type: Terrestrial
Date of report: 15/12/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 25/11/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 01/12/2016
Serotype(s): H5N8
Diagnosis: Clinical, Laboratory (advanced)
Reason: New strain of a listed disease
Clinical signs: Yes
Country or zone: a zone or compartment
Number of Outbreaks to Report: 2

Outbreak details

<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>TARN-other report - submitted</td>
<td>-</td>
<td>Almayrac</td>
<td>Farm</td>
<td>Almayrac</td>
<td>44.1017</td>
<td>2.1675</td>
<td>25/11/2016</td>
<td>02/12/2016</td>
</tr>
<tr>
<td>GERS-other report - submitted</td>
<td>-</td>
<td>Monlezun</td>
<td>Farm</td>
<td>Monlezun</td>
<td>43.5008</td>
<td>0.2139</td>
<td>01/12/2016</td>
<td>06/12/2016</td>
</tr>
<tr>
<td>LOT-ET-GARONNE-others report - submitted</td>
<td>-</td>
<td>Montbahus</td>
<td>Farm</td>
<td>Montbahus</td>
<td>44.549167</td>
<td>0.535833</td>
<td>01/12/2016</td>
<td>02/12/2016</td>
</tr>
<tr>
<td>TARN-other report - submitted</td>
<td>-</td>
<td>Almayrac</td>
<td>Farm</td>
<td>Almayrac</td>
<td>44.1017</td>
<td>2.1675</td>
<td>01/12/2016</td>
<td>02/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

Birds | Animals | 5143 | 2000 | 2000 | 3142 | 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.

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

Birds | Animals | 15600 | 100 | 100 | 15500 | 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 6th, 2016.

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

Birds | Animals | 690 | 100 | 100 | 590 | 0 |

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

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

Birds | Animals | 4950 | 200 | 200 | 4750 | 0 |

Affected Population: The animals of the farm epidemiologically related to the outbreak in Tarn were pre-emptively destroyed on December 2nd, 2016.
Département | Number of outbreaks | Commune | Unit Type | Location | Latitude | Longitude | Start Date | End Date: 
---|---|---|---|---|---|---|---|---
TARN-other report - submitted | - | Monestiés | Farm | Monestiés | 44.071944 | 2.097778 | 03/12/2016 | 09/12/2016
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered 
Birds | Animals | 1000 | 0 | 1000 | 0

Affected Population: Suggestive clinical signs in a farm with 1000 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.

Département | Number of outbreaks | Commune | Unit Type | Location | Latitude | Longitude | Start Date | End Date: 
---|---|---|---|---|---|---|---|---
TARN-other report - submitted | - | Monestiés | Farm | Monestiés | 44.071944 | 2.097778 | 03/12/2016 | 09/12/2016
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered 
Birds | Animals | 3010 | 20 | 10 | 3000 | 0

Affected Population: Samples taken within the frame of the epidemiological investigation, in a farm with 1000 ducks. The animals were destroyed on December 9th, 2016.

Département | Number of outbreaks | Commune | Unit Type | Location | Latitude | Longitude | Start Date | End Date: 
---|---|---|---|---|---|---|---|---
TARN-other report - submitted | - | Mouzieys-Panens | Farm | Mouzieys-Panens | 44.0933 | 1.9333 | 04/12/2016 | 09/12/2016
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered 
Birds | Animals | 3010 | 20 | 10 | 3000 | 0

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

Département | Number of outbreaks | Commune | Unit Type | Location | Latitude | Longitude | Start Date | End Date: 
---|---|---|---|---|---|---|---|---
TARN-other report - submitted | - | Monasties | Farm | Monasties | 44.071944 | 2.097778 | 03/12/2016 | 09/12/2016
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered 
Birds | Animals | 7000 | 50 | 50 | 6950 | 0

Affected Population: Mortality episode in a farm with 7000 chickens located within the protection zone around the Almayrac outbreak.

Follow-up report No.: 6, Report reference: H5N8_2, OIE Ref: 21937, Report Date: 15/12/2016, Country: France
### TARN-other report - submitted

**Commune:** Monestiés  
**Unit Type:** Farm  
**Location:** Monestiés  
**Latitude:** 44.071944  
**Longitude:** 2.097778  
**Start Date:** 04/12/2016  
**End Date:** 08/12/2016

**Affected Population**  
Clinical suspicion after a mortality episode among the 2,500 ducks of a multiple-species farm, including also 13,400 chickens (without clinical signs), located within the protection zone around the Almayrac outbreak. All the animals are going to be slaughtered and destroyed today (December 8th, 2016).

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 14900  
- **Cases:** 150  
- **Deaths:** 14750  
- **Destroyed:** 0  
- **Slaughtered:** 0

### GERS-other report - submitted

**Commune:** Ricourt  
**Unit Type:** Farm  
**Location:** RICOURT  
**Latitude:** 43.4886  
**Longitude:** 0.1781  
**Start Date:** 07/12/2016  
**End Date:** 08/12/2016

**Affected Population**  
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.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 25200  
- **Cases:** 100  
- **Deaths:** 25100  
- **Destroyed:** 0  
- **Slaughtered:** 0

### LOT-ET-GARONNE-oth er report - submitted

**Commune:** Monbahus  
**Unit Type:** Farm  
**Location:** Monbahus  
**Latitude:** 44.549167  
**Longitude:** 0.535833  
**Start Date:** 07/12/2016  
**End Date:** 08/12/2016

**Affected Population**  
Samples taken within the analytical surveillance framework carried out in the protection zone in a farm with 2,200 ducks in gavage process. The animals were destroyed on December 8th, 2016.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 2200  
- **Cases:** 70  
- **Deaths:** 2130  
- **Destroyed:** 0  
- **Slaughtered:** 0

### GERS-other report - submitted

**Commune:** Segos  
**Unit Type:** Farm  
**Location:** Segos  
**Latitude:** 43.6258  
**Longitude:** -0.255833  
**Start Date:** 08/12/2016  
**End Date:** 14/12/2016

**Affected Population**  
Samples taken during investigations on epidemiological link with the outbreak in Ricourt. The 1,200 ducks were destroyed on December 14th, 2016.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 1200  
- **Cases:** 0  
- **Deaths:** 1200  
- **Destroyed:** 0  
- **Slaughtered:** 0

### LOT-ET-GARONNE-oth er report - submitted

**Commune:** Monbahus  
**Unit Type:** Farm  
**Location:** MONBAHUS  
**Latitude:** 44.549167  
**Longitude:** 0.535833  
**Start Date:** 07/12/2016  
**End Date:** 08/12/2016

**Affected Population**  
Outbreak confirmed on 12 December 2016 in a farm with ducks in gavage process in the protection zone around a previous outbreak. The animals were destroyed on December 8th, 2016.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 2200  
- **Cases:** 70  
- **Deaths:** 2200  
- **Destroyed:** 0  
- **Slaughtered:** 0

### LOT-ET-GARONNE-oth er report - submitted

**Commune:** Monbahus  
**Unit Type:** Farm  
**Location:** MONBAHUS  
**Latitude:** 44.549167  
**Longitude:** 0.535833  
**Start Date:** 07/12/2016  
**End Date:** 08/12/2016

**Affected Population**  
Samples taken within the analytical surveillance framework carried out in the protection zone. The animals were destroyed on December 8th, 2016.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 1300  
- **Cases:** 70  
- **Deaths:** 1230  
- **Destroyed:** 0  
- **Slaughtered:** 0

### PYRÉNÉES-ATLANTIQUES-other report - submitted

**Commune:** Ger  
**Unit Type:** Farm  
**Location:** Ger  
**Latitude:** 43.2539  
**Longitude:** -0.050556  
**Start Date:** 09/12/2016  
**End Date:** 13/12/2016

**Affected Population**  
Samples taken within the surveillance framework carried out in the protection zone. The animals were destroyed on 13th December 2016.

#### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

**Birds**  
- **Animals:** 950  
- **Cases:** 0  
- **Deaths:** 950  
- **Destroyed:** 0  
- **Slaughtered:** 0
<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>AVEYRON-other report - submitted</td>
<td>-</td>
<td>Tayrac</td>
<td>Backyard</td>
<td>Tayrac</td>
<td>44.203056</td>
<td>2.234167</td>
<td>10/12/2016</td>
<td>11/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
</tr>
</thead>
</table>

Affected Population: Mortality in a backyard. The animals have been destroyed.

<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- (this report - submitted)</td>
<td>-</td>
<td>Caupenne d’Armagnac</td>
<td>Farm</td>
<td>Caupenne d’Armagnac</td>
<td>43.7889</td>
<td>-0.065833</td>
<td>10/12/2016</td>
<td>13/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
</tr>
</thead>
</table>

Affected Population: Samples taken in the framework of a clinical suspicion (nervous symptoms and mortality) in a farm with 19,000 ducks, that were destroyed on December 13th.

<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- (this report - submitted)</td>
<td>-</td>
<td>Segos</td>
<td>Farm</td>
<td>Segos</td>
<td>43.6235</td>
<td>-0.235833</td>
<td>11/12/2016</td>
<td>14/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
</tr>
</thead>
</table>

Affected Population: Samples taken in the framework of a clinical suspicion following the identification of nervous symptoms and mortality in a multi-species farm with 8,800 hens and 3,000 ducks. The animals were destroyed on December 14th, 2016.

<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- (this report - submitted)</td>
<td>-</td>
<td>Avéron-Bergelle</td>
<td>Farm</td>
<td>Avéron-Bergelle</td>
<td>43.745356</td>
<td>0.07056</td>
<td>11/12/2016</td>
<td>12/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
</tr>
</thead>
</table>

Affected Population: Samples taken in the framework of a clinical suspicion (nervous symptoms and mortality) in a farm with 900 ducks. The animals were destroyed on December 12th, 2016.

<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- (this report - submitted)</td>
<td>-</td>
<td>Espoey</td>
<td>Farm</td>
<td>Espoey</td>
<td>43.2439</td>
<td>-0.164722</td>
<td>12/12/2016</td>
<td>13/12/2016</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
</tr>
</thead>
</table>

Affected Population: Samples taken towards leaving the surveillance zone for slaughtering. The ducks will be slaughtered on December 16th, 2016.

Follow-up report No.: 6, Report reference: H5N8_2, OIE Ref: 21937, Report Date: 15/12/2016, Country: France

Printed on: Fri Dec 16 12:35:01 CET 2016
<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>650</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Affected Population:** Clinical suspicion following a mortality episode in a ducks farm.

**Outbreak summary: Total outbreaks = 2 (Draft)**

<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></td>
<td>650</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Outbreak summary: Total outbreaks = 25 (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></td>
<td>141053</td>
<td>3782</td>
<td>3539</td>
<td>137513</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 affected farms. Epidemiological links are being investigated.

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

- Unknown or inconclusive

**Measures applied**

- stamping out
- screening
- zoning
- disinfection / disinfestation
- surveillance outside containment and/or protection zone
- official disposal of carcasses, by-products and waste
- surveillance within containment and/or protection zone
- traceability

* no planned control measures

**Animals treated**

- Vaccination Prohibited

**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 Reference National Laboratory for Avian Influenza, Ploufragan</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>14/12/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES Reference National Laboratory for Avian Influenza, Ploufragan</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>14/12/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES Reference National 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 Reference National 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**

Follow-up report No.: 6, Report reference: H5N8_2, OIE Ref: 21937, Report Date: 15/12/2016, Country: France
The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps