Report Summary

Name of sender of the report: Dr Loïc Evain
Position: Directeur Général adjoint, CVO
Address: 251, rue de Vaugirard, 75732 PARIS Cedex 15 Paris

Report Summary

Date submitted to OIE: 18/02/2016

Animal type: Terrestrial
Date of report: 18/02/2016

Disease: Highly pathogenic avian influenza
Date of start of the event: 14/11/2015

Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 24/11/2015

Serotype(s): H5N1
Date of last occurrence: 2007

Reason: Reoccurrence of a listed disease
Diagnosis: Clinical, Laboratory (advanced)

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>
<th>Affected Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>Saint-Paul la Roche</td>
<td>Farm</td>
<td>Saint-Paul la Roche</td>
<td>45.4978253</td>
<td>0.9818008</td>
<td>10/11/2015</td>
<td>01/12/2015</td>
<td>Samples taken in a duck farm with a gavage unit as part of the scheduled national surveillance with isolation of a H5N1 virus. Following additional samples, a H5N9 strain virus was also identified in the farm.</td>
</tr>
<tr>
<td>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>Biras</td>
<td>Backyard</td>
<td>Biras</td>
<td>45.288611</td>
<td>0.639444</td>
<td>14/11/2015</td>
<td>20/11/2015</td>
<td>A backyard (non-commercial farm) consisting of 32 broiler chickens and layer hens showing acute mortalities leading to testing and preventive slaughter.</td>
</tr>
<tr>
<td>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>LES BILLANGES</td>
<td>Farm</td>
<td>LES BILLANGES</td>
<td>45.9805066</td>
<td>1.5406258</td>
<td>03/12/2015</td>
<td>10/12/2015</td>
<td>The death of three animals in a poultry farm led to take samples following a clinical suspicion. The results from the National Reference Laboratory on 8 December 2015 confirm H5N1 serotype.</td>
</tr>
<tr>
<td>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>NANTHEUIL</td>
<td>Farm</td>
<td>NANTHEUIL</td>
<td>45.4237843</td>
<td>0.9612285</td>
<td>03/12/2015</td>
<td>08/12/2015</td>
<td>Samples taken in order to leave the restriction zone.</td>
</tr>
</tbody>
</table>

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

Birds
Animals
Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|-------|-------|--------|-----------|------------|

Affected Population

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

Birds
Animals
Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|-------|-------|--------|-----------|------------|

Date submitted to OIE: 18/02/2016

Printed on: Thu Feb 18 17:26:46 CET 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>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>SAINT ARMAND DE COLY</td>
<td>Farm</td>
<td>SAINT ARMAND DE COLY</td>
<td>45.049765</td>
<td>1.2768368</td>
<td>10/12/2015</td>
<td>18/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 1000
- 0
- 0

**Affected Population**

Samples were taken in the frame of the analytical surveillance.

<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>LANDES-other report - submitted</td>
<td>-</td>
<td>SAINT ARMAND DE COLY</td>
<td>Farm</td>
<td>SAINT ARMAND DE COLY</td>
<td>43.7175309</td>
<td>-0.5451694</td>
<td>11/12/2015</td>
<td>14/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 910
- 0
- 0

**Affected Population**

Samples were taken in the framework of analytical surveillance. The National Reference Laboratory confirmed the presence of H5N1 virus on 22 December 2015.

<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>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>LE LARDIN SAINT LAZARE</td>
<td>Farm</td>
<td>LE LARDIN SAINT LAZARE</td>
<td>45.1364263</td>
<td>1.2275143</td>
<td>12/12/2015</td>
<td>21/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 480
- 0
- 0

**Affected Population**

Ducks in a gavage unit showed mortality. The National Reference laboratory confirmed the presence of H5N1 virus.

<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>PYRÉNÉES-ATLANTIQUES-other report - submitted</td>
<td>-</td>
<td>CROUSEILLES</td>
<td>Farm</td>
<td>CROUSEILLES</td>
<td>43.5293617</td>
<td>-0.0902759</td>
<td>12/12/2015</td>
<td>21/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 1810
- 0
- 0

**Affected Population**

Samples were taken following a clinical suspicion in a farm with 3,000 ducks and 2,600 geese. The National Reference laboratory confirmed the presence of H5N1 virus on 23 December 2015.

<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>DORDOGNE-other report - submitted</td>
<td>-</td>
<td>Bosset</td>
<td>Farm</td>
<td>Bosset</td>
<td>45.035833</td>
<td>0.366389</td>
<td>13/12/2015</td>
<td>16/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 1070
- 0
- 0

**Affected Population**

Farm with fattened ducks. Samples were taken in the framework of movements out of the zone of Bosset for slaughter. The slaughter of the flock is planned on 16 December 2015.

<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>LANDES-other report - submitted</td>
<td>-</td>
<td>SERRES GASTON</td>
<td>Farm</td>
<td>SERRES GASTON</td>
<td>43.6770137</td>
<td>-0.5271729</td>
<td>14/12/2015</td>
<td>04/01/2016</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 10840
- 0
- 0

**Affected Population**

Samples were taken in the frame of the analytical surveillance in a farm with 6,000 ducks in gavage process, 4,000 ducklings and 840 ducks at the end of the gavage process. The National Reference laboratory confirmed the presence of H5N1 virus on 21 December 2015.

<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>HAUTES-PYRÉNÉES-OTHER report - submitted</td>
<td>-</td>
<td>BAZILLAC</td>
<td>Farm</td>
<td>BAZILLAC</td>
<td>43.3523109</td>
<td>0.1037034</td>
<td>18/12/2015</td>
<td>23/12/2015</td>
</tr>
</tbody>
</table>

**Species**

- Measuring units: 
- Susceptible: 
- Cases: 
- Deaths: 
- Destroyed: 
- Slaughtered: 

**Birds**

- Animals: 5600
- 0
- 0

**Affected Population**

Samples were taken following a clinical suspicion in a farm with 3,000 ducks and 2,600 geese. The National Reference laboratory confirmed the presence of H5N1 virus on 23 December 2015.
### Outbreak summary: Total outbreaks = 17 (Submitted)

#### Species

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>63,537</td>
<td>604</td>
<td>597</td>
<td>629,400</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Epidemiology

**Epidemiological comments**

- Zoning: protection (3 km) and surveillance (10 km) zones around the farms as well as an additional low risk zone.
- Source of the outbreak(s) or origin of infection
  - Unknown or inconclusive

**Measures applied**

- Applied
  - To be applied

---

Follow-up report No.: 7, Report reference: OIE Ref. 19763, Report Date: 18/02/2016, Country: France
**Applied**
- stamping out
- movement control inside the country
- 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

<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>National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>16/02/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>16/02/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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