Follow-up report No.8
Report reference: H5N2_1, Reference OIE: 19486, Report Date: 11/01/2016, Country: France

**Report Summary**

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Loic Evain</td>
<td>(33) 1 49 55 81 77</td>
<td>(33) 1 49 55 55 91</td>
<td><a href="mailto:loic.evain@agriculture.gouv.fr">loic.evain@agriculture.gouv.fr</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Position</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directeur Général adjoint, CVO</td>
<td>251, rue de Vaugirard 75732 PARIS Cedex 15 Paris</td>
</tr>
</tbody>
</table>

| Date submitted to OIE          | 11/01/2016                      |

### Animal type
Terrestrial

### Disease
Highly pathogenic avian influenza

**Date of report**: 11/01/2016

**Date of start of the event**: 27/11/2015

**Date of confirmation of the event**: 30/11/2015

### Serotype(s)
H5N2

**Reason**
New strain of a listed disease in the country

**Clinical signs**: Yes

### Country or zone
a zone or compartment

### Number of reported outbreaks
submitted= 32, Draft= 0

### Outbreak details

<table>
<thead>
<tr>
<th><strong>Département</strong></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>Domme</td>
<td>Farm</td>
<td>Domme</td>
<td>44.802222</td>
<td>1.214444</td>
<td>27/11/2015</td>
<td>02/12/2015</td>
</tr>
</tbody>
</table>

**Species**

**Measuring units**:征服

**Susceptible**: 1338

**Cases**: 1

**Deaths**: 1

**Destroyed**: 1337

**Slaughtered**: 0

**Affected Population**
Three goslings were found dead in a goose and duck farm with a gavage unit. Three other goslings were culled for analysis. One sample was positive.

<table>
<thead>
<tr>
<th><strong>Département</strong></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>CENAC et SAINT JULIEN</td>
<td>Farm</td>
<td>CENAC and SAINT JULIEN</td>
<td>44.7756452</td>
<td>1.2073595</td>
<td>01/12/2015</td>
<td>07/12/2015</td>
</tr>
</tbody>
</table>

**Species**

**Measuring units**:征服

**Susceptible**: 5000

**Cases**: 250

**Deaths**: 250

**Destroyed**: 8050

**Slaughtered**: 0

**Affected Population**
Samples were taken in order to leave the restriction zone around the outbreak at Domme. The farm includes 1,000 ducks and 4,000 hens which were slaughtered on 7 December 2015.

<table>
<thead>
<tr>
<th><strong>Département</strong></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-other report - submitted</td>
<td>-</td>
<td>MANCEL</td>
<td>Farm</td>
<td>SAUBOIRES</td>
<td>43.827320</td>
<td>0.0327489</td>
<td>05/12/2015</td>
<td>15/12/2015</td>
</tr>
</tbody>
</table>

**Species**

**Measuring units**:征服

**Susceptible**: 8300

**Cases**: 250

**Deaths**: 8050

**Destroyed**: 8050

**Slaughtered**: 0

**Affected Population**
Farm with ducks for gavage. Mortality in the gavage unit.

<table>
<thead>
<tr>
<th><strong>Département</strong></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 CRICQ</td>
<td>Farm</td>
<td>SAINT CRICQ</td>
<td>43.6088425</td>
<td>-0.6289004</td>
<td>09/12/2015</td>
<td>22/12/2015</td>
</tr>
</tbody>
</table>

**Species**

**Measuring units**:征服

**Susceptible**: 357

**Cases**: 0

**Deaths**: 0

**Destroyed**: 357

**Slaughtered**: 0

**Affected Population**
Samples were taken in the frame of the analytical surveillance.

Printed on: Tue Jan 12 17:07:35 CET 2016
### Département: GERS

**Unit Type:** Farm  
**Location:** EAUZE  
**Latitude:** 43.8524861  
**Longitude:** 0.1361962  
**Start Date:** 09/12/2015  
**End Date:** 09/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 1000  
**Deaths:** 0  
**Destroyed:** 1000  
**Slaughtered:** 0  
**Line Number:** 1  
**Rating:**  
**AFFECTED POPULATION:** Some (exact number unknown) of the ducks in the unit died. The abattoir took samples that tested positive on 17 December 2015.

### Département: LANDES

**Unit Type:** Farm  
**Location:** HAURIET  
**Latitude:** 43.7252663  
**Longitude:** -0.5356164  
**Start Date:** 10/12/2015  
**End Date:** 14/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 100  
**Deaths:** 0  
**Destroyed:** 100  
**Slaughtered:** 0  
**Line Number:** 2  
**Rating:**  
**AFFECTED POPULATION:** Samples were taken in the framework of analytical surveillance in a batch of gavaged ducks. The National Reference Laboratory confirmed the presence of a highly pathogenic H5 virus, N absent, on 22 December 2015.

### Département: LANDES

**Unit Type:** Farm  
**Location:** SERRESLOUS  
**Latitude:** 43.6705988  
**Longitude:** -0.638898  
**Start Date:** 10/12/2015  
**End Date:** 18/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 845  
**Deaths:** 0  
**Destroyed:** 845  
**Slaughtered:** 0  
**Line Number:** 3  
**Rating:**  
**AFFECTED POPULATION:** Samples were taken in the framework of the analytical surveillance.

### Département: GERS

**Unit Type:** Farm  
**Location:** PANJAS  
**Latitude:** 43.8230404  
**Longitude:** -0.05696  
**Start Date:** 10/12/2015  
**End Date:** 18/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 1500  
**Deaths:** 0  
**Destroyed:** 1500  
**Slaughtered:** 0  
**Line Number:** 4  
**Rating:**  
**AFFECTED POPULATION:** Samples were taken in the framework of the analytical surveillance.

### Département: DORDOGNE

**Unit Type:** Farm  
**Location:** Campagnac-lès-Quercy  
**Latitude:** 44.695556  
**Longitude:** 1.174167  
**Start Date:** 10/12/2015  
**End Date:** 17/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 1000  
**Deaths:** 0  
**Destroyed:** 1000  
**Slaughtered:** 0  
**Line Number:** 5  
**Rating:**  
**AFFECTED POPULATION:** Samples were taken in a gavage unit for ducks in the framework of movements out of the restricted zone around the outbreaks of Domme-Cénac for slaughter. The laboratory confirmed a highly pathogenic H5 virus without confirming the N type as of today. It can be assumed however that it is the same virus as the one in Domme-Cénac. Ducks will be slaughtered.

### Département: PYRÉNÉES-ATLANTIQUES

**Unit Type:** Farm  
**Location:** UZAN  
**Latitude:** 43.4672083  
**Longitude:** -0.5002806  
**Start Date:** 10/12/2015  
**End Date:** 21/12/2015  
**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 8748  
**Deaths:** 0  
**Destroyed:** 8748  
**Slaughtered:** 0  
**Line Number:** 6  
**Rating:**  
**AFFECTED POPULATION:** A farm with a gavage unit including 7,500 ducks ready to start the gavage process, and 1,248 in a gavage process. Samples were taken with a view to investigating epidemiological links with an outbreak.

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Follow-up report No.: 8, Report reference: H5N2_1, OIE Ref: 19486, Report Date: 11/01/2016, Country: France
Samples were taken in a gavage unit for ducks in the framework of movements out of the restricted zone around the outbreaks of Domme-Cénac for slaughter. The laboratory confirmed a highly pathogenic H5 virus without confirming the N type as of today. It can be assumed however that it is the same virus as the one in Domme-Cénac. Ducks will be slaughtered.

Samples were taken in the framework of the analytical surveillance. Highly pathogenic H5 virus was identified, the N has not been typed yet.

Samples in the framework of analytical surveillance. H5, N absent. The animals will be slaughtered on 7 January 2016.

Samples were taken in the frame of the analytical surveillance. The National Reference laboratory confirmed a highly pathogenic H5 virus, but as of today the N has not been typed.

Ducks in the end of the gavage process were destroyed on 18 December 2015 and destruction of the other 510 additional ducks took place on 22 December 2015.

Mortality in a holding affecting 350 guinea fowls out of a total of 5,200 (6 geese also present in the farm) lead to samples being taken for clinical suspicion. All animals were 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>HAUTES-PYRÉNÉES</td>
<td>-</td>
<td>LABATUT RIVIERE</td>
<td>Farm</td>
<td>LABATUT RIVIERE</td>
<td>43.5148422</td>
<td>0.0434177</td>
<td>12/12/2015</td>
<td>18/12/2015</td>
</tr>
<tr>
<td>GERS</td>
<td>-</td>
<td>AVERON BERGELLE</td>
<td>Farm</td>
<td>AVERON BERGELLE</td>
<td>43.754919</td>
<td>0.075156</td>
<td>12/12/2015</td>
<td>18/12/2015</td>
</tr>
<tr>
<td>LANDES</td>
<td>-</td>
<td>MUGRON</td>
<td>Farm</td>
<td>MUGRON</td>
<td>43.733834</td>
<td>-0.7307703</td>
<td>12/12/2015</td>
<td>06/01/2016</td>
</tr>
<tr>
<td>LANDES</td>
<td>-</td>
<td>DOAZIT</td>
<td>Farm</td>
<td>DOAZIT</td>
<td>43.677449</td>
<td>-0.6377486</td>
<td>13/12/2015</td>
<td>14/12/2015</td>
</tr>
<tr>
<td>LANDES</td>
<td>-</td>
<td>SAINT SEVER</td>
<td>Farm</td>
<td>SAINT SEVER</td>
<td>43.7357247</td>
<td>-0.555974</td>
<td>14/12/2015</td>
<td>21/12/2015</td>
</tr>
<tr>
<td>LANDES</td>
<td>-</td>
<td>EYRES MONCUBE</td>
<td>Farm</td>
<td>EYRES MONCUBE</td>
<td>43.7198052</td>
<td>-0.595646</td>
<td>14/12/2015</td>
<td>18/12/2015</td>
</tr>
<tr>
<td>LANDES</td>
<td>-</td>
<td>AUBAGNAN</td>
<td>Farm</td>
<td>AUBAGNAN</td>
<td>43.6589922</td>
<td>-0.4836398</td>
<td>14/12/2015</td>
<td>18/12/2015</td>
</tr>
</tbody>
</table>

Affected Population: The National Reference laboratory confirmed the presence of highly pathogenic H5 virus, but as of today the N is unknown.

Samples were taken in the frame of the analytical surveillance.

The National Reference Laboratory confirmed the presence of a highly pathogenic H5 virus, N absent, on 22 December 2015, in a batch of 150 gavaged ducks, which have been destroyed. The farm has also 2,900 ducks for gavage and 550 ducklings. All will be destroyed.

Samples were taken in the frame of movements out of the zone for slaughter.

Samples were taken in the frame of the analytical surveillance.

Samples were taken in the frame of the analytical surveillance.

Samples were taken in the frame of the analytical surveillance.

Samples were taken in the frame of the analytical surveillance.
### Département: GERS

<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>770</td>
<td>...</td>
<td>0</td>
<td>770</td>
<td>0</td>
</tr>
</tbody>
</table>

**AFFECTED POPULATION:**
A farm with 1/70 capons and 600 ducks in gavage process. Samples were taken in the frame of the analytical surveillance.

### Département: HAUTES-PYRÉNÉES

<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>725</td>
<td>52</td>
<td>52</td>
<td>673</td>
<td>0</td>
</tr>
</tbody>
</table>

**AFFECTED POPULATION:**
A farm with 16,000 ducks showed mortality. 16,000 Gallus are also present on the site. The National Reference laboratory confirmed the presence of highly pathogenic H5 virus, without precising the N type involved.

### Département: LANDES

<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>5450</td>
<td>2500</td>
<td>2500</td>
<td>2950</td>
<td>0</td>
</tr>
</tbody>
</table>

**AFFECTED POPULATION:**
Mortality in a holding affecting 2,500 chickens out of a total of 4,400 in the farm lead to samples being taken for clinical suspicion. On 5 January 2016, the National Reference laboratory confirmed the presence of H5N2 virus. The chickens, the 800 ducks ready to start the gavage process, the 1,250 ducks already in gavage process and the 100 hens were destroyed on 5 January 2016.

### Département: PYRÉNÉES-ATLANTIQUES

<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>18750</td>
<td>4000</td>
<td>4000</td>
<td>0</td>
<td>14750</td>
</tr>
</tbody>
</table>

**AFFECTED POPULATION:**
Mortality in a holding affecting 4,000 broilers out of a lot of 12,000 lead to clinical suspicion. On 6 January 2016, the National Reference laboratory confirmed the presence of highly pathogenic H5 virus, without precising the N type involved. All broilers, the 5,500 ducks ready to start the gavage process and the 1,250 ducks already in gavage process were destroyed on 7 January 2016.

### Département: PYRÉNÉES-ATLANTIQUES

<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>170</td>
<td>600</td>
<td>0</td>
<td>770</td>
<td>0</td>
</tr>
</tbody>
</table>

**AFFECTED POPULATION:**
A farm with 1/70 capons and 600 ducks in gavage process. Samples were taken in the frame of the analytical surveillance.
### Outbreak summary: Total outbreaks = 32 (Submitted)

<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>133471</td>
<td>7324</td>
<td>7324</td>
<td>84547</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

- **Source of the outbreak(s) or origin of infection**
  - Unknown or inconclusive

#### Measures applied

- **Applied**
  - stamping out
  - movement control inside the country
  - screening
  - zoning
  - disinfection / disinestation
  - surveillance outside containment and/or protection zone
  - official disposal of carcasses, by-products and waste
  - surveillance within containment and/or protection zone
  - traceability

- **To be applied**
  - no planned control measures

#### Animals treated

- Vaccination Prohibited
  - No
  - Yes

### 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 and Newcastle disease</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>06/01/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES National Reference Laboratory for avian influenza and Newcastle disease</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>06/01/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES National Reference Laboratory for avian influenza and Newcastle disease</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>05/01/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>ANSES National Reference Laboratory for avian influenza and Newcastle disease</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>05/01/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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

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Follow-up report No.: 8, Report reference: H5N2_1, OIE Ref: 19486, Report Date: 11/01/2016, Country: France
Outbreak maps