**Report Summary**

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**Date submitted to OIE**: 02/12/2016

**Animal type**: Terrestrial  
**Date of report**: 02/12/2016  
**Disease**: Highly pathogenic avian influenza  
**Date of start of the event**: 25/11/2016

<table>
<thead>
<tr>
<th>Department</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>1</td>
<td>Almayrac</td>
<td>Farm</td>
<td>Almayrac</td>
<td>44.1017</td>
<td>2.1675</td>
<td>25/11/2016</td>
<td>2/12/2016</td>
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<tr>
<td>GERS- (this report - submitted)</td>
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<td>Farm</td>
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<td>02/12/2016</td>
</tr>
</tbody>
</table>

**Species**

**Measuring units**: Birds  
**Susceptible Cases**: 5143  
**Deaths**: 2000  
**Destroyed**: 2000  
**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 that will be subjected to pre-emptive stamping out. Epidemiological investigation is ongoing and animals from any linked farm will be subjected to pre-emptive stamping out.

**Species**

**Measuring units**: Birds  
**Susceptible Cases**: 15600  
**Deaths**: 100  
**Destroyed**: 100  
**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.

**Species**

**Measuring units**: Birds  
**Susceptible Cases**: 690  
**Deaths**: 100  
**Destroyed**: 590  
**Slaughtered**: 0

**Affected Population**: The ducks of the farm epidemiologically related to the outbreak in Tarn were destroyed this day.
Département: Number of outbreaks | Commune | Unit Type | Location | Latitude | Longitude | Start Date | End Date
--- | --- | --- | --- | --- | --- | --- | ---
TARN- (this report - submitted) | Almayrac | Farm | Almayrac | 44.1017 | 2.1675 | 01/12/2016 | 02/12/2016
HAUTES-PYRÉNÉES- (this report - submitted) | Ibos | Farm | Ibos | 43.2342 | 0.0025 | 01/12/2016 | 02/12/2016

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.

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 6120 | 300 | 300 | 5820 | 0

Affected Population: As reported in previous report, the ducks of the farm in the immediate proximity of the primary outbreak were pre-emptively destroyed on December 2nd, 2016.

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 1000 | - | 0 | 1000 | 0

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

Outbreak summary: Total outbreaks = 7 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | ---
Birds | 35143 | 2800 | 2800 | 12160 | 0

Epidemiology

Epidemiological comments
A 3-km protection zone and a 10-km surveillance zone were implemented around the affected farms.

Source of the outbreak(s) or origin of infection
- Contact with wild species

Measures applied

Applied
- screening
- zoning
- disinfection / disinfestation
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone
- traceability

To be applied
- stamping out
- official disposal of carcasses, by-products and waste

Animals treated
Vaccination Prohibited

No

Diagnostic test results

Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result
--- | --- | --- | --- | --- | ---
Local laboratory | LD 24 Department Laboratory | Birds | real-time PCR | 02/12/2016 | Positive
National laboratory | ANSES National Reference Laboratory for avian influenza and Newcastle disease, Ploufragan | Birds | nucleotide sequencing | 01/12/2016 | Positive
National laboratory | ANSES National Reference Laboratory for avian influenza and Newcastle disease, Ploufragan | Birds | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 01/12/2016 | Positive

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