## Report Summary

**Name of sender of the report**
Dr Jean-François Heymans

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+32 2211 8642

**Position**
Director

**Fax**
+32 2211 8630

**Email**
jean-francois.heymans@afsca.be

**Date submitted to OIE**
24/07/2017

### Animal type
Terrestrial

### Disease
Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)

### Causal Agent
Virus de l'influenza A hautement pathogène

### Serotype(s)
H5N8

### Date of report
24/07/2017

### Date of start of the event
22/05/2017

### Date of confirmation of the event
01/06/2017

### Date of last occurrence
28/03/2017

### Province
HAINAUT

### Province
WEST-VLAANDEREN

### Province
LUXEMBOURG

### Reason
Recurrence of a listed disease

### Diagnosis
Clinical, Laboratory (advanced), Necropsy

### Country or zone
a zone or compartment

### Clinical signs
Yes

### Number of outbreaks
submitted= 11, Draft= 0

### Number of reported outbreaks

#### LUXEMBOURG-other report - submitted

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>11</td>
<td>4</td>
<td>4</td>
<td>7</td>
<td>0</td>
</tr>
</tbody>
</table>

#### LUXEMBOURG-other report - submitted

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>25</td>
<td>10</td>
<td>10</td>
<td>15</td>
<td>0</td>
</tr>
</tbody>
</table>

#### HAINAUT-other report - submitted

<table>
<thead>
<tr>
<th>Species</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>33</td>
<td>18</td>
<td>18</td>
<td>15</td>
<td>0</td>
</tr>
</tbody>
</table>

#### WEST-VLAANDEREN-other report - submitted

<table>
<thead>
<tr>
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<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>43</td>
<td>17</td>
<td>17</td>
<td>26</td>
<td>0</td>
</tr>
</tbody>
</table>

### Affected Population

#### LUXEMBOURG-other report - submitted

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
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<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>26</td>
<td>21</td>
<td>21</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

### Affected Population

#### HAINAUT-other report - submitted

<table>
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<td>21</td>
<td>5</td>
<td>0</td>
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</tr>
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<td>Birds</td>
<td>Animals</td>
<td>26</td>
<td>21</td>
<td>21</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>
### Outbreak summary: Total outbreaks = 11 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>488</td>
<td>201</td>
<td>201</td>
<td>287</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

Follow-up report No.: 7, Report reference: , OIE Ref: 24398, Report Date: 24/07/2017, Country: Belgium
### Epidemiological comments

#### Source of the outbreak(s) or origin of infection
- Contact with wild species
- Introduction of new live animals

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- Contact with wild species
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### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
</table>
| • surveillance outside containment and/or protection zone  
• surveillance within containment and/or protection zone  
• traceability  
• official destruction of animal products  
• official disposal of carcasses, by-products and waste  
• stamping out  
• control of wildlife reservoirs  
• zoning  
• disinfection | • 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>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>haemagglutination inhibition test (HIT)</td>
<td>27/06/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>07/07/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>virus isolation</td>
<td>12/07/2017</td>
<td>Negative</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>03/07/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>virus isolation</td>
<td>19/06/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>nucleotide sequencing</td>
<td>29/06/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Centre d'étude et de recherches vétérinaires et agrochimiques (CERVA)</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>26/06/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

The report and all its outbreaks have been resolved.
Outbreak maps