## Report Summary

**Name of sender of the report**
Dr Marcel Spierenburg DVM LL.M

**Position**
senior veterinary officer

**Address**
P.O. Box 43006
3540 AA Utrecht
Utrecht 3540 AA

**Telephone**
00 31 629266976

**Fax**

**Email**
m.a.h.spierenburg@nvwa.nl

**Date submitted to OIE**
23/03/2018

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### Animal type

*Terrestrial*

### Disease

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

**Date of report**
23/03/2018

**Date of start of the event**
09/12/2017

**Date of confirmation of the event**
13/12/2017

**Serotype(s)**
H5N6

**Date of last occurrence**
16/05/2017

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### Reason

*Recurrence of a listed disease*

### Diagnosis

*Clinical, Laboratory (advanced)*

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### Country or zone

*the whole country*

### Clinical signs

*Yes*

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### Number of reported outbreaks

*submitted= 10, Draft= 0*

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## Outbreak details

### Province

**Gelderland-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>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan: Anatidae (Cygnus olor)</td>
<td>Animals</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>09/12/2017</td>
<td></td>
</tr>
</tbody>
</table>

### Affected Population

- Village: Elburg
  - Latitude: 52.44
  - Longitude: 5.83

### Province

**Gelderland-other report - submitted**

<table>
<thead>
<tr>
<th>Species</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan: Anatidae (Cygnus olor)</td>
<td>Animals</td>
<td></td>
<td>6</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>09/12/2017</td>
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</tbody>
</table>

### Affected Population

- Village: Hulshorst
  - Latitude: 52.44
  - Longitude: 5.82

### Province

**Gelderland-other report - submitted**

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
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</thead>
<tbody>
<tr>
<td>Mute Swan: Anatidae (Cygnus olor)</td>
<td>Animals</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>09/12/2017</td>
<td></td>
</tr>
</tbody>
</table>

### Affected Population

- Village: Harderwijk
  - Latitude: 52.35
  - Longitude: 5.61

### Province

**Flevoland-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>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mallard: Anatidae (Anas platyrhynchos)</td>
<td>Animals</td>
<td>15</td>
<td>15</td>
<td>2</td>
<td>13</td>
<td>0</td>
<td>15/12/2017</td>
<td></td>
</tr>
</tbody>
</table>

### Affected Population

- Village: Biddinghuizen
  - Latitude: 52.45
  - Longitude: 5.68

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<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</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></td>
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<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greylag Goose: Anatidae (Anser anser)</td>
<td>Animals</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Indian Peafowl: Phasianidae (Pavo cristatus)</td>
<td>Animals</td>
<td>8</td>
<td>4</td>
<td>1</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>Numididae (unidentified): Numididae (Numididae (incognita))</td>
<td>Animals</td>
<td>30</td>
<td>24</td>
<td>12</td>
<td>18</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population

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<thead>
<tr>
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<th>District</th>
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<tbody>
<tr>
<td>Gelderland - other report - submitted</td>
<td>-</td>
<td>Village</td>
<td>Elburg</td>
<td></td>
<td>52.45</td>
<td>5.82</td>
<td></td>
<td>18/12/2017</td>
<td></td>
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</tbody>
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<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan: Anatidae (Cygnus olor)</td>
<td>Animals</td>
<td>...</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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<table>
<thead>
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<th>Longitude</th>
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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noord-Holland - other report - submitted</td>
<td>-</td>
<td>Village</td>
<td>De Kreepel</td>
<td></td>
<td>52.79</td>
<td>5.22</td>
<td></td>
<td>21/12/2017</td>
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</table>

<table>
<thead>
<tr>
<th>Species</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Great black-backed Gull: Laridae (Larus marinus)</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Black-headed Gull: Laridae (Larus ridibundus)</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population

<table>
<thead>
<tr>
<th>Province</th>
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<th>District</th>
<th>Sub-district</th>
<th>Unit Type</th>
<th>Location</th>
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<th>Longitude</th>
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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zuid-Holland - other report - submitted</td>
<td>-</td>
<td>Backyard</td>
<td>Roos</td>
<td></td>
<td>51.85</td>
<td>4.42</td>
<td></td>
<td>20/01/2018</td>
<td></td>
</tr>
</tbody>
</table>

<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>32</td>
<td>2</td>
<td>0</td>
<td>32</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</th>
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<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noord-Holland - other report - submitted</td>
<td>-</td>
<td>Village</td>
<td>IJsselmeer</td>
<td></td>
<td>52.72</td>
<td>5.29</td>
<td></td>
<td>20/02/2018</td>
<td></td>
</tr>
</tbody>
</table>

<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>Greater Scaup: Anatidae (Aythya marila)</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
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<th>Start Date</th>
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</thead>
</table>


Printed on: Fri Mar 23 19:38:01 AST 2018
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date
---|---|---|---|---|---|---|---|---|---
Zeeland - (this report - submitted) | - | Village | Stavenisse | 51.58 | 4.01 | 25/02/2018

Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
---|---|---|---|---|---|---
Eurasian buzzard (common buzzard): Accipitridae (Buteo buteo) | Animals | ... | 1 | 1 | 0 | 0

Affected Population

Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date
---|---|---|---|---|---|---|---|---|---
Groningen - (this report - submitted) | - | Village | Westernieland | 33.42 | 6.5 | 28/02/2018

Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
---|---|---|---|---|---|---
Peregrin falcon: Falconidae (Falco peregrinus) | Animals | ... | 1 | 1 | 0 | 0

Affected Population

Outbreak summary: Total outbreaks = 10 (Submitted)

Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
---|---|---|---|---|---
Mute Swan | 12 | 12 | 0 | 0
Mallard | 15 | 15 | 2 | 3
Greylag Goose | 5 | 5 | 0 | 5
Indian Peafowl | 8 | 5 | 1 | 7
Numididae (unidentified) | 30 | 24 | 12 | 18
Great black-backed Gull | 1 | 1 | 0 | 0
Black-headed Gull | 1 | 1 | 0 | 0
Birds | 32 | 2 | 0 | 32
Greater Scaup | 1 | 1 | 0 | 0
Eurasian buzzard (common buzzard) | 1 | 1 | 0 | 0
Peregrin falcon | 1 | 1 | 0 | 0

Epidemiology

Epidemiological comments
This H5N6 subtype is a reassortment linked to H5N8 and not the Asian zoonotic H5N6

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

Measures applied

No 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>Wageningen Bioveterinary Research, Lelystad</td>
<td>Peregrin falcon</td>
<td>polymerase chain reaction (PCR)</td>
<td>16/03/2018</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Wageningen Bioveterinary Research, Lelystad</td>
<td>Eurasian buzzard (common buzzard)</td>
<td>polymerase chain reaction (PCR)</td>
<td>16/03/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting


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