Follow-up report No.5

**Report Summary**

Name of sender of the report: Dr Christianne Bruschke  
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Address: Bezuidenhoutseweg 73  
P.O. Box 20401  
2500 EK The Hague  
The Hague   
Email: c.j.m.bruschke@minze.nl  
Date submitted to OIE: 13/01/2017

Animal type: Terrestrial  
Date of report: 13/01/2017

Disease: Highly pathogenic avian influenza  
Date of start of the event: 25/11/2016

Causal Agent: Highly pathogenic avian influenza virus  
Date of confirmation of the event: 26/11/2016

Serotype(s): H5N8  
Date of last occurrence: 04/2015

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

Country or zone: a zone or compartment  
Clinical signs: Yes

Number of reported outbreaks: submitted= 9, Draft= 0

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**Outbreak details**

<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>
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</tr>
</thead>
<tbody>
<tr>
<td>FLEVOLAND-other report - submitted</td>
<td>-</td>
<td>Farm</td>
<td>Flevolanders</td>
<td>Biddinghuizen</td>
<td>52.45391</td>
<td>5.73239</td>
<td>25/11/2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Species**  
Measuring units: Birds  
Susceptible: Animals  
Cases: 10000  
Deaths: 500  
Destroyed: 500  
Slaughtered: 9500  
Affected Population: Fattening ducks

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<td>Farm</td>
<td>Flevolanders</td>
<td>Biddinghuizen</td>
<td>52.4444</td>
<td>5.7325</td>
<td>30/11/2016</td>
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</tr>
</tbody>
</table>

**Species**  
Measuring units: Birds  
Susceptible: Animals  
Cases: 8409  
Deaths: 400  
Destroyed: 400  
Slaughtered: 8009  
Affected Population: Fattening ducks

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<td>Flevolanders</td>
<td>Biddinghuizen</td>
<td>52.4581</td>
<td>5.7589</td>
<td>01/12/2016</td>
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</tr>
</tbody>
</table>

**Species**  
Measuring units: Birds  
Susceptible: Animals  
Cases: 15421  
Deaths: 100  
Destroyed: 100  
Slaughtered: 15321  
Affected Population: Fattening ducks

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<tbody>
<tr>
<td>FRIESLAND-other report - submitted</td>
<td>-</td>
<td>Farm</td>
<td>Friesland</td>
<td>Abbega</td>
<td>53.0219</td>
<td>5.5675</td>
<td>12/12/2016</td>
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<td></td>
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</tbody>
</table>

**Species**  
Measuring units: Birds  
Susceptible: Animals  
Cases: 59439  
Deaths: 500  
Destroyed: 500  
Slaughtered: 58939  
Affected Population: Laying hens

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<tbody>
<tr>
<td>OVERIJSSEL-other report - submitted</td>
<td>-</td>
<td>Farm</td>
<td>Overijsel</td>
<td>Kamperveen</td>
<td>52.5097</td>
<td>5.9339</td>
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</table>

**Species**  
Measuring units: Birds  
Susceptible: Animals  
Cases: 13989  
Deaths: 1000  
Destroyed: 12989  
Slaughtered: 0  
Affected Population: Fattening Ducks

Printed on: Fri Jan 13 17:18:13 CET 2017  
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<td></td>
<td>Farm</td>
<td>Hauure</td>
<td>53.3486</td>
<td>5.9717</td>
<td>17/12/2016</td>
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</tbody>
</table>

**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 28491  
**Deaths:** 10  
**Destroyed:** 10  
**Slaughtered:** 28481  
**Affected Population:** Laying hens

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<td>GELDERLAND-other report - submitted</td>
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<td></td>
<td></td>
<td>Farm</td>
<td>Boven Leeuwenn</td>
<td>51.864</td>
<td>5.544</td>
<td>19/12/2016</td>
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</table>

**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 48082  
**Deaths:** 240  
**Destroyed:** 240  
**Slaughtered:** 47842  
**Affected Population:** Breeding parent flock

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<tr>
<td>ZUID-HOLLAND-other report - submitted</td>
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<td></td>
<td></td>
<td>Farm</td>
<td>Stolwijk</td>
<td>51.908</td>
<td>4.756</td>
<td>21/12/2016</td>
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</tbody>
</table>

**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 6594  
**Deaths:** 39  
**Destroyed:** 39  
**Slaughtered:** 6555  
**Affected Population:** Laying hens

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<td></td>
<td></td>
<td>Farm</td>
<td>Zoeterwoude</td>
<td>32.12</td>
<td>4.539</td>
<td>24/12/2016</td>
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</table>

**Species:** Birds  
**Measuring units:** Animals  
**Susceptible Cases:** 27000  
**Deaths:** 869  
**Destroyed:** 869  
**Slaughtered:** 26131  
**Affected Population:** Breeding flock

### Outbreak summary: Total outbreaks = 9 (Submitted)

**Species:** Birds  
**Susceptible Cases:** 217425  
**Deaths:** 3658  
**Destroyed:** 3658  
**Slaughtered:** 211367  
**Affected Population:** Breeding flock

### Epidemiology

#### Epidemiological comments

The final cleansing and disinfection was carried out for outbreak Biddinghuizen I on 6th January 2017, for outbreak Biddinghuizen II on 27th of December 2016, for outbreak Biddinghuizen III on 29th of December 2016. The measures in the 10 km surveillance zones were lifted for the outbreaks Biddinghuizen I,II,III and for outbreak Abbega (situation as of 13th January 2017).

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

#### Applied

- control of wildlife reservoirs  
- stamping out  
- movement control inside the country  
- screening  
- zoning  
- disinfection / disinfestation

#### To be applied

- no planned control measures

### Animals treated

- Vaccination Prohibited

- No
- Yes

### Future Reporting

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