Follow-up report No.5
Report reference: 14-015-00003, Reference OIE: 16928, Report Date: 09/01/2015, Country: Germany

Report Summary
Name of sender of the report: Dr. Karin Schwabenbauer
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Date submitted to OIE: 09/01/2015

Animal type: Terrestrial
Date of report: 09/01/2015
Disease: Highly pathogenic avian influenza
Date of start of the event: 04/11/2014
Causal Agent: Highly pathogenic avian influenza virus
Date of pre-confirmation of the event: 05/11/2014
Serotype(s): H5N8
Date of last occurrence: 03/2009

Reason: Reoccurrence of a listed disease
Country or zone: a zone or compartment
Clinical signs: Yes

Number of reported outbreaks: submitted=6, Draft=0

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>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MECKLENBURG-VOR</td>
<td>-</td>
<td>Vorpommern-Greifswald</td>
<td></td>
<td>Farm</td>
<td>Heinrichswalde</td>
<td>53.6163</td>
<td>13.784</td>
<td>04/11/2014</td>
<td>10/12/2014</td>
</tr>
<tr>
<td>POMMERN-other report</td>
<td>-</td>
<td>Vorpommern-Greifswald</td>
<td></td>
<td>Farm</td>
<td>Heinrichswalde</td>
<td>53.6163</td>
<td>13.784</td>
<td>04/11/2014</td>
<td>10/12/2014</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>Isle of Rügen</td>
<td></td>
<td>Not applicable</td>
<td>Isolde Rügen</td>
<td>54.46924</td>
<td>13.167629</td>
<td>17/11/2014</td>
<td>17/11/2014</td>
</tr>
</tbody>
</table>

Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Birds Animals 30939 5000 1880 29059 0
Affected Population Fattening turkey holding

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date
MECKLENBURG-VOR Vorpommern-Greifswald Farm Heinrichswalde 53.6163 13.784 04/11/2014 10/12/2014
POMMERN-other report Vorpommern-Greifswald Farm Heinrichswalde 53.6163 13.784 04/11/2014 10/12/2014
Isle of Rügen Not applicable Isolde Rügen 54.46924 13.167629 17/11/2014 17/11/2014

Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Anatidae (unidentified): Anatidae (Anatidae incognita)
Animals ... 1 ... ... ...
Affected Population Fattening turkey holding

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date
NIEDERSACHSEN-other report Cloppenburg Farm Barsel 53.1475 7.8109 15/12/2014

Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Birds Animals 17887 408 199 17688 0
Affected Population Fattening turkey holding

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date
SACHSEN-ANHALT-oher report Anhalt-Bitterfeld Not applicable Aken 51.827563 12.018067 20/12/2014 20/12/2014

Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Mallard: Anatidae (Anas platyrhynchos)
Animals ... 1 ... ... ...
Affected Population Fattening turkey holding
### Species, Measuring units, Cases, Deaths, Destroyed, Slaughtered

<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>NIEDERSACHSEN-othe r report - submitted</td>
<td>-</td>
<td>Emsland</td>
<td>Farm</td>
<td>Neubörger</td>
<td>52.957275</td>
<td>7.464381</td>
<td>2012/2014</td>
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<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>10102</td>
<td>2</td>
<td>...</td>
<td>10102</td>
<td>...</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Affected Population

In total 496 birds of 85 species are kept in the Zoo of Rostock. The affected species is white stork.

### Outbreak summary: Total outbreaks = 6 (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>58928</td>
<td>9090</td>
<td>2079</td>
<td>56849</td>
<td>0</td>
</tr>
<tr>
<td>Anatidae (unidentified)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mallard</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Stork</td>
<td>496</td>
<td>3</td>
<td>3</td>
<td>39</td>
<td></td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

39 birds including the white storks have been culled and safely disposed of on 8 January 2015. Epidemiological investigations have started.

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

- Unknown or inconclusive

### Measures applied

#### Applied

- control of wildlife reservoirs
- quarantine
- movement control inside the country
- screening
- zoning
- disinfection of infected premises/establishment(s)
- modified stamping out

#### To be applied

- no planned 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>Friedrich Loeffler Institute</td>
<td>White Stork</td>
<td>real-time PCR</td>
<td>07/01/2015</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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