## Report Summary

Name of sender of the report: Dr Taina Aaltonen  
Telephone: +358 295 162439  
Fax:  
Email: cvo-finland@mmm.fi  
Date submitted to OIE: 10/01/2017

### Animal type
- Terrestrial

### Disease
- Highly pathogenic avian influenza

### Causal Agent
- Highly pathogenic avian influenza virus

### Serotype(s)
- H5N8

### Reason
- First occurrence of a listed disease in the country

### Country or zone
- A zone or compartment

### Number of reported outbreaks
- submitted = 10, Draft = 0

## Outbreak details

### Province
- **AHVENANMAAN MAAKUNTA**-other report - submitted

#### Species
- Tufted Duck:*Anatidae* (*Aythya fuligula*)

#### Measuring units
- Animals

#### Susceptible
- Not applicable

#### Cases
- 2

#### Deaths
- 2

#### Destroyed
- 0

#### Slaughtered
- 0

### Province
- **LOUNAIS-SUOMI**-other report - submitted

#### Species
- Tufted Duck:*Anatidae* (*Aythya fuligula*)

#### Measuring units
- Animals

#### Susceptible
- Not applicable

#### Cases
- 3

#### Deaths
- 3

#### Destroyed
- 0

#### Slaughtered
- 0

### Province
- **AHVENANMAAN MAAKUNTA**-other report - submitted

#### Species
- White-tailed Eagle:*Accipitridae* (*Haliaeetus albicilla*)

#### Measuring units
- Animals

#### Susceptible
- Not applicable

#### Cases
- 1

#### Deaths
- 1

#### Destroyed
- 0

#### Slaughtered
- 0

### Province
- **AHVENANMAAN MAAKUNTA**-other report - submitted

#### Species
- Zoo

#### Measuring units
- Not applicable

#### Susceptible
- Not applicable

#### Cases
- 1

#### Deaths
- 1

#### Destroyed
- 0

#### Slaughtered
- 0

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Affected Population:

- Approximately 60 tufted ducks were found dead in different places of the Aland archipelago on 12 November 2016. Four birds were submitted to Evira. So far, two birds have been found positive for highly pathogenic avian influenza H5N8.
<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>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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</thead>
<tbody>
<tr>
<td>AHVENANMAAN</td>
<td>-</td>
<td>Not applicable</td>
<td>Sund</td>
<td>-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>White-tailed Eagle: Accipitridae (Haliaetus albicilla)</td>
<td>Animals</td>
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<td>0</td>
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<tr>
<td>MAAKUNTA</td>
<td>-</td>
<td>Not applicable</td>
<td>Finsström</td>
<td>-</td>
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<td>White-tailed Eagle: Accipitridae (Haliaetus albicilla)</td>
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<tr>
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<td>-</td>
<td>Not applicable</td>
<td>Sund</td>
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</tr>
<tr>
<td>MAAKUNTA</td>
<td>-</td>
<td>Not applicable</td>
<td>Finsström</td>
<td>-</td>
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<td>-</td>
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<td>0</td>
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<tr>
<td>LOUNAIS-SUOMI</td>
<td>-</td>
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<td>Rauma</td>
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<td>White-tailed Eagle: Accipitridae (Haliaetus albicilla)</td>
<td>Animals</td>
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<tr>
<td>SUOMI</td>
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<td>White-tailed Eagle: Accipitridae (Haliaetus albicilla)</td>
<td>Animals</td>
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</table>

Follow-up report No.: 6, Report reference:  , OIE Ref: 22190, Report Date: 09/01/2017, Country: Finland
### Affected Population

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tufted Duck: <em>Anatidae</em> (<em>Aythya fuligula</em>)</td>
<td>Animals</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Outbreak summary: Total outbreaks = 10 (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>Tufted Duck</td>
<td>6</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>White-tailed Eagle</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Birds</td>
<td>150</td>
<td>9</td>
<td>9</td>
<td>28</td>
<td>0</td>
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<tr>
<td>Eurasian Eagle-Owl</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
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</tbody>
</table>

### Epidemiology

#### Epidemiological comments

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

#### Measures applied

- **Applied**
  - Movement control inside the country
  - Screening
  - Surveillance within containment and/or protection zone
- **To be applied**
  - No planned control measures

#### Animals treated

- Vaccination Prohibited: **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>Finnish Food Safety Authority Evira</td>
<td>Tufted Duck</td>
<td>virus sequencing</td>
<td>05/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Finnish Food Safety Authority Evira</td>
<td>Tufted Duck</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>04/01/2017</td>
<td>Positive</td>
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<td>National laboratory</td>
<td>Finnish Food Safety Authority Evira</td>
<td>Tufted Duck</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>04/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Finnish Food Safety Authority Evira</td>
<td>White-tailed Eagle</td>
<td>virus sequencing</td>
<td>29/12/2016</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Finnish Food Safety Authority Evira</td>
<td>White-tailed Eagle</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>28/12/2016</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Finnish Food Safety Authority Evira</td>
<td>White-tailed Eagle</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>28/12/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

Follow-up report No.: 6, Report reference: OIE Ref: 22190, Report Date: 09/01/2017, Country: Finland
The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps