Follow-up report No.4


**Report Summary**

| Name of sender of the report | Dr Jozef Bires |
| Position | Director & Chief Veterinary Officer |
| Address | Botanická Street 17 BRATISLAVA 842 13 |

Date submitted to OIE: 10/03/2017

**Animal type**: Terrestrial

**Date of report**: 10/03/2017

**Disease**: Highly pathogenic avian influenza

**Date of start of the event**: 24/12/2016

**Causal Agent**: Highly pathogenic avian influenza virus

**Date of confirmation of the event**: 29/12/2016

**Serotype(s)**: H5N8

**Date of last occurrence**: 24/02/2006

**Reason**: Reoccurrence of a listed disease

**Diagnosis**: Laboratory (basic), Laboratory (advanced), Necropsy

**Country or zone**: a zone or compartment

**Clinical signs**: No

**Number of reported outbreaks**: submitted= 8, 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>BRATISLAVA-other report - submitted</td>
<td>-</td>
<td>Bratislava IV</td>
<td>Backyard</td>
<td>Bratislava</td>
<td>48.100734</td>
<td>17.024449</td>
<td>24/12/2016</td>
<td>29/01/2017</td>
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<tr>
<td>Presov</td>
<td>25</td>
<td>Backyard</td>
<td>Chmelov (Podhrabina)</td>
<td>49.062168</td>
<td>21.41713</td>
<td>10/01/2017</td>
<td>14/02/2017</td>
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<tr>
<td>Trnava</td>
<td>35</td>
<td>Backyard</td>
<td>Horna Krupa</td>
<td>48.517007</td>
<td>17.524723</td>
<td>12/01/2017</td>
<td>16/02/2017</td>
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<td></td>
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<tr>
<td>Dunajska Streda</td>
<td>52</td>
<td>Backyard</td>
<td>Horna Janíky</td>
<td>48.143605</td>
<td>17.396313</td>
<td>24/01/2017</td>
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<td></td>
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<tr>
<td>ZILINA-other report - submitted</td>
<td>-</td>
<td>Namestovo</td>
<td>Backyard</td>
<td>Breza</td>
<td>49.38778</td>
<td>19.38658</td>
<td>26/01/2017</td>
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<td></td>
</tr>
</tbody>
</table>

**Affected Population**

- Backyard laying hens - pullets and adults up to 4 years of age.
- 25 heads of backyard poultry for egg and meat production (3 laying hens 5 years old and 22 pullets 7-10 months old)
- 35 heads of backyard poultry (17 laying hens, 3 guinea fowls, 15 muscovy ducks). At first all guinea fowls died.
- In a backyard poultry flock (with laying hens, ducks and pigeons) located in Horna Janíky municipality, 15 out of 52 heads of poultry died (13 out of 35 laying hens and 2 out of 10 ducks). All other birds were killed on the spot.
- In a backyard poultry flock (with 38 laying hens and six roosters) located in Breza municipality, two roosters died and one rooster with clinical signs was killed. All other birds were killed on the spot.
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
---|---|---|---|---|---|---|---|---|---|
TRENCIN-other report - submitted | - | Prievidza |  | Backyard | Bojnice | 48.789133 | 18.587068 | 30/01/2017 | |
BRATISLAVA-other report - submitted | - | Malacky |  | Backyard | Vysoka pri Morave | 48.317415 | 16.940653 | 13/02/2017 | |
NITRA- (this report - submitted) | - | Nitra |  | Backyard | Cechynce | 48.2582015 | 18.157615 | 06/03/2017 | |

| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|---|
Birds | Animals | 33 | 14 | 14 | 19 | 0 |

**Affected Population**

In a backyard poultry flock (with 30 laying hens, two guinea fowls and one goose) located in Bojnice municipality, two laying hens, one guinea fowl and one goose died on 30 January 2017. Subsequently 10 other laying hens died. All other birds were killed on the spot.

In a backyard poultry flock (with 46 laying hens) located in Vysoka pri Morave municipality four laying hens died on 13 February 2017. Subsequently, 24 other laying hens died. All other birds were killed on the spot.

Eleven laying hens have died on 6.3.2017 in a backyard poultry flock (with 33 laying hens and 18 ducks) located in Cechynce municipality.

**Outbreak summary:** Total outbreaks = 8 (Submitted)

| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|---|
Birds | Animals | 51 | 11 | 11 | 40 | 0 |

**Epidemiology**

**Epidemiological comments**

- Unknown or inconclusive

**Measures applied**

- **Applied**
  - movement control inside the country
  - disinfection / disinfestation
  - traceability
  - surveillance outside containment and/or protection zone
  - stamping out
  - official destruction of animal products
  - official disposal of carcasses, by-products and waste
  - surveillance within containment and/or protection zone
  - control of wildlife reservoirs
  - zoning

- **To be applied**
  - no planned control measures

**Animals treated**

- Vaccination Prohibited

**Diagnostic test results**

| Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result |
---|---|---|---|---|---|
National laboratory | Veterinary Institute in Zvolen | Birds | polymerase chain reaction (PCR) | 09/03/2017 | Positive |

**Future Reporting**

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