Follow-up report No.2

Report Summary

Name of sender of the report  Dr Olga Shevchenko
Telephone +380 44 278 84 92
Position Head of Directorate for International Cooperation
Fax +380 44 279 48 83
Address 1, B. Hirchenko Street
01001 Kiev Kiev 01001
Email olga.shevchenko@vet.gov.ua
Date submitted to OIE 17/02/2017

Animal type  Terrestrial
Date of report 17/02/2017

Disease Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event 01/01/2017

Causal Agent Highly pathogenic influenza A virus
Date of confirmation of the event 02/01/2017

Serotype(s) H5N8
Diagnosis Clinical, Laboratory (basic)

Reason New strain of a listed disease in the country
Clinical signs Yes

Country or zone a zone or compartment

Number of reported outbreaks submitted= 3, Draft= 0

Outbreak details

Provinces: CHERNOVTSY, TERNOPIL, NIKOLAYEV
Number of outbreaks submitted= 3, Draft= 0

<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>CHERNOVTSY - other report - submitted</td>
<td>-</td>
<td>Kitsmanskiy</td>
<td>Not applicable</td>
<td>Chortoryia</td>
<td>48.3769</td>
<td>25.5661</td>
<td>01/01/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TERNOPIL - other report - submitted</td>
<td>-</td>
<td>Borschivskiy</td>
<td>Not applicable</td>
<td>Vilkhovets</td>
<td>48.567905</td>
<td>26.193884</td>
<td>01/01/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIKOLAYEV - (this report - submitted)</td>
<td>-</td>
<td>Zoo</td>
<td>Mykolayiv city</td>
<td>46.959853</td>
<td>32.036753</td>
<td>01/01/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Species: Mute Swan, Anas platyrhynchos, Cygnus olor, Indian Peafowl, Pavo cristatus

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan, Anas platyrhynchos, Cygnus olor</td>
<td>Animals</td>
<td>...</td>
<td>23</td>
<td>23</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Indian Peafowl, Pavo cristatus</td>
<td>Animals</td>
<td>931</td>
<td>10</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population: Quarantine measures are in place. A zoning, clinical investigations and laboratory tests of biomaterial from the poultry which is kept inside protection and surveillance zones are conducted.

In a zoo there were 931 birds of 104 different species. 10 Pavo cristatus died. Samples were taken from the carcasses and a positive result for HPAI (subtype H5N8) was obtained. A monitoring, zoning, clinical control and other related measures are ongoing.

Outbreak summary: Total outbreaks = 3 (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>Mute Swan</td>
<td></td>
<td>44</td>
<td>44</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Indian Peafowl</td>
<td>931</td>
<td>10</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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

Epidemiological comments
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied
Applied
• movement control inside the country
• screening
• disinfection / disinfestation
• traceability
• quarantine
• surveillance outside containment and/or protection zone
• 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
No
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>State Scientific and Research Institute of Laboratory Diagnosis and Veterinary and Sanitary Expertise</td>
<td>Indian Peafowl</td>
<td>polymerase chain reaction (PCR)</td>
<td>15/02/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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