Follow-up report No.2

Report Summary
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Date submitted to OIE  09/12/2016

Animal type  Terrestrial
Date of report  08/12/2016
Disease  Highly pathogenic avian influenza
Date of start of the event  30/10/2016
Causal Agent  Highly pathogenic avian influenza virus
Date of confirmation of the event  09/11/2016
Serotype(s)  H5N8

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= 2, Draft= 0

Outbreak summary: Total outbreaks = 2 (Submitted)
Species  Susceptible  Cases  Deaths  Destroyed  Slaughtered
Mute Swan  16  16  0  0

Affected Population  Approximately ten swans died on the river Bijd but only two of them were available for laboratory testing. Organ samples were taken and submitted on 31 October to the Poultry centre of the Croatian Veterinary Institute. Avian influenza - subtype H5N8 was isolated. Nucleotide sequencing at the cleavage site of the hemagglutinin (HA) of the isolate revealed the multiple basic amino acid sequence "RERRRKR/GLF", which is consistent with highly pathogenic avian influenza.

Epidemiology
Epidemiological comments
Following control measures for prevention of possible introduction of infection into poultry holdings are applied:
- prohibition of exhibitions, fairs and sports competitions for poultry and birds on the entire territory of Croatia,
- recommendation to the poultry owners to keep the animals indoors (applied on the entire territory of Croatia) and
- ban on keeping poultry outside within 3 km radius where infected wild birds have been found.

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

Measures applied
No Control Measures
No Control Measures

Animals treated | Vaccination Prohibited
---|---
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>Croatia veterinary Institute, Poultry Centre</td>
<td>Mute Swan</td>
<td>real-time PCR</td>
<td>07/12/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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