Follow-up report No.1

Report Summary
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Date submitted to OIE: 15/12/2016

Animal type: Terrestrial
Date of report: 14/12/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 14/11/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 30/11/2016
Serotype(s): H5
Date of last occurrence: 24/07/2006
Reason: Recurrence of a listed disease
Diagnosis: Clinical, Laboratory (basic)
Country or zone: a zone or compartment
Clinical signs: Yes
Number of reported outbreaks: submitted=1, Draft=0

Outbreak details
Province: KHERSON
Other report submitted: Kalanchatskiy Village
Affected Population: The first clinical signs of the disease appeared about two weeks ago in a backyard holding in the village Novooleksandrivka. After two weeks the veterinary service was informed on the increase of the mortality of birds in the village. Samples were taken from the dead birds and a positive result was found for highly pathogenic avian influenza. As a preliminary data there are 2500 birds in the outbreak zone. A stamping-out is ongoing.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 2500 | 410 | 410 | ... | 0

Epidemiology
Epidemiological comments:
From 30 November to 3 December 2016, stamping out of domestic birds and disinfection of all private backyards where birds were kept were done in Novooleksandrivka village. All wastes and substances (feed, bedding material from sick poultry, low-value utensils, etc.) probably contaminated with highly pathogenic avian influenza virus were destroyed (burnt); litter was decontaminated by a method that guarantees the death of influenza virus. Poultry products obtained at the possible date of introduction of the highly pathogenic avian influenza virus and when measures started to be taken have been traced and destroyed. All private households in protection and surveillance zones keep poultry exclusively for own consumption and poultry was not placed on the market. As a result of clinical examination of poultry, no infected or suspected poultry was found. In order to carry out laboratory tests, 20 samples of blood serum and 20 cloacal swabs were taken from each village in the surveillance zone. According to haemagglutinatin and PCR results, avian influenza was not found.

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

Measures applied
Control of livestock reservoirs
• stamping out
• quarantine
• movement control inside the country
• disinfection / disinfection
• surveillance outside containment and/or protection zone
• official destruction of animal products
• official disposal of carcasses, by-products and waste
• dipping / spraying
• surveillance within containment and/or protection zone

• no planned control measures

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### Animals treated

<table>
<thead>
<tr>
<th>No</th>
<th>Yes</th>
</tr>
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### Vaccination Prohibited

<table>
<thead>
<tr>
<th>No</th>
<th>Yes</th>
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</table>

### 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>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA), Weybridge, United Kingdom</td>
<td>Birds</td>
<td>polymerase chain reaction (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.