**Report Summary**

**Name of sender of the report**
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Deputy Head

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**Immediate notification report**

**Report Summary**

**Document title**
Immediate notification report

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**Date submitted to OIE**
23/11/2016

**Animal type**
Terrestrial

**Date of report**
23/11/2016

**Disease**
Highly pathogenic avian influenza

**Date of start of the event**
07/11/2016

**Causal Agent**
Highly pathogenic avian influenza virus

**Date of confirmation of the event**
17/11/2016

**Serotype(s)**
H5

**Date of last occurrence**
15/06/2016

**Reason**
Reoccurrence of a listed disease

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

**Country or zone**
a zone or compartment

**Clinical signs**
Yes

**Number of reported outbreaks**
Submitted= 2, Draft= 0

**Outbreaks 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>RESPUBLIKA KALMYKIYA - (this report - submitted)</td>
<td></td>
<td>Yashaltinsky</td>
<td></td>
<td>Village</td>
<td>Oktyab' sky</td>
<td>46.175</td>
<td>42.795</td>
<td>07/11/2016</td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>RESPUBLIKA KALMYKIYA - (this report - submitted)</td>
<td></td>
<td>Yashaltinsky</td>
<td></td>
<td>Backyard</td>
<td>Solonee</td>
<td>46.22</td>
<td>42.543</td>
<td>07/11/2016</td>
<td></td>
</tr>
<tr>
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</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<th></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>Birds</td>
<td>Animals</td>
<td>81</td>
<td>42</td>
<td>42</td>
<td>...</td>
<td>0</td>
</tr>
<tr>
<td>Affected Population</td>
<td>Backyard birds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Outbreak summary: Total outbreaks = 2 (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>Birds</td>
<td>203</td>
<td>137</td>
<td>137</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Epidemiology**

**Epidemiological comments**

Genome of H5 avian influenza virus was detected in 4 samples from carcasses of domestic birds (goose, hen, guinea fowl). Sequence analysis of the isolates showed that they belonged to the Asian HPAI virus H5 lineage A/Guandong/1/96, clade 2.3.4.4.

**Source of the outbreak(s) or origin of infection**

• Unknown or inconclusive

**Measures applied**

**Applied**

- control of wildlife reservoirs
- quarantine
- movement control inside the country
- screening
- disinfection / disinestation
- official disposal of carcasses, by-products and waste

**Animals treated**

Vaccination Prohibited

No

No

## 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>All-Russian Research Institute for Animal Health (FGBI-ARRIAH)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>23/11/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>All-Russian Research Institute for Animal Health (FGBI-ARRIAH)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>23/11/2016</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Stavropolskaya veterinary laboratory</td>
<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>17/11/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

## Future Reporting

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