Report Summary

Name of sender of the report: Dr. Nikolay Vlasov
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Date submitted to OIE: 04/08/2020

Animal type: Terrestrial
Date of report: 04/08/2020

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 28/07/2020

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 03/08/2020

Serotype(s): H5N8
Date of last occurrence: 24/11/2005

Reason: Recurrence of a listed disease
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

Province or zone:

Outbreak details

Province: Chelyabinskaya Oblast - (this report - submitted)
Number of outbreaks: 2
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Number of outbreaks: 2

Species: Birds
Measuring units: Chickens, Ducks, Geese
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Chelyabinskaya Oblast - (this report - submitted)
- Uvel'sky
- Uvel'sky

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Number of outbreaks: 2
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Species: Chickens, Ducks, Geese
Measuring units: A
Susceptible: 156
Cases: 99
Deaths: 99
Killed and disposed of: 0
Slaughtered: 0
Species: Chickens, Ducks, Geese
Measuring units: A
Susceptible: 30
Cases: 30
Deaths: 30
Killed and disposed of: 0
Slaughtered: 0

Outbreak summary: Total outbreaks = 2 (Submitted)

Species: Birds
Susceptible: 186
Cases: 129
Deaths: 129
Killed and disposed of: 0
Slaughtered: 0

Epidemiology

Epidemiological comments:
Restriction zones have been established and epidemiological investigations started. Culling and safe disposal of birds is in progress. No bird or bird products have been dispatched outside from affected territories. A wild duck carcass was found during AI passive surveillance on the lake near the village just before the outbreak started. HPAIV H5N8 was detected in a sample of wild duck carcass.

Source of the outbreak(s) or origin of infection:
• Contact with wild species

Measures applied:
Applied: To be applied
### Applied

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

### To be applied

- stamping out

### Animals treated

- Vaccination Prohibited

<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>All-Russian Research Institute for Animal Health</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>01/08/2020</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Chelyabinsk office of the Federal Governmental Budgetary Institution Central Scientific and Methodical Veterinary Laboratory</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>01/08/2020</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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