Immediate notification report
Report reference: REF OIE 25874, Report Date: 05/02/2018, Country: Iran

Report Summary
Name of sender of the report: Dr. Alireza Rafiepoor
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Date submitted to OIE: 05/02/2018

Animal type: Terrestrial
Date of report: 05/02/2018
Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of report: 05/02/2018
Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 04/02/2018
Serotype(s): H5N6
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
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 = 1, Draft = 0

Outbreak details
Province: GILAN-
Number of outbreaks: submitted = 1, Draft = 0
District: Kiashahr
Sub-district: Kiashahr
Unit Type: Natural park
Location: Boujagh
Latitude: 37.456
Longitude: 49.92
Start Date: 31/01/2018
End Date: 04/02/2018
Species: Gadwall (Anas strepera)
Measuring units: Animals
Susceptible: 50000
Cases: 1300
Deaths: 1200
Killed and disposed of: 100
Slaughtered: 0

Affected Population: Wild ducks in Boujagh Natural Park

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
--- | --- | --- | --- | --- | ---
Gadwall | 50000 | 1300 | 1200 | 100 | 0

Epidemiology
Epidemiological comments:
On January 31st unexpected mortality was reported in Boujagh, Kiashahr area, in the north of Iran, where migratory birds spend their wintering season. On February 4th, the Iran veterinary national reference laboratory confirmed HPAI virus H5N6 in the samples collected from the sick and dead birds.

Iran Veterinary Organization (IVO) will continue to monitor the situation in the area closely and to advice poultry flock owners, including owners of backyard poultry, to remain vigilant to the threat of avian influenza and implement strategic, ongoing biosecurity measures – in particular feeding birds indoors or under cover, and discouraging wild birds from the poultry premises.

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

Measures applied:
- surveillance within containment and/or protection zone
- screening
- quarantine
- official disposal of carcasses, by-products and waste
- control of wildlife reservoirs
- selective killing and disposal
- zoning
- disinfection

Animals treated:
Vaccination Prohibited

Diagnostic test results:

Printed on: Mon Feb 5 18:59:28 AST 2018
<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>Central Veterinary Laboratory of Iran Veterinary Organization (CVL)</td>
<td>Gadwall</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>04/02/2018</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Gilan Veterinary Laboratory</td>
<td>Gadwall</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>01/02/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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