Follow-up report No.3

Report Summary

Name of sender of the report Dr Alireza Rafiepoor Telephone +98 21 8895 7007
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Date submitted to OIE 26/01/2019

Animal type Terrestrial Date of report 26/01/2019
Disease Highly pathogenic avian influenza Date of start of the event 24/12/2018
Causal Agent Highly pathogenic avian influenza virus Date of confirmation of the event 24/12/2018
Serotype(s) H5N8 Date of last occurrence 30/01/2017
Reason Recurrence of a listed disease Diagnosis Clinical, Laboratory (basic), Necropsy
Country or zone a zone or compartment Clinical signs Yes
Outbreak details

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date:
Mazandaran-other report - submitted
Village Bala Langor 36.60364 52.74197 24/12/2018 25/12/2018
Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 1400 1000 400 1000 0
Affected Population Duck

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date:
Mazandaran-other report - submitted
Farm Nor joje 36.4979 52.1864 25/12/2018 27/12/2018
Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 35660 35260 394 35266 0
Affected Population Broiler breeders

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date:
Qom-other report - submitted
Backyard Ali Khedri 34.64565 50.82184 02/01/2019 03/01/2019
Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 12138 12138 8000 4138 0
Affected Population Backyard poultry

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date:
West Azarbayejan-other report - draft
Village Haj Hassan Khalese 37.066087 45.9545281 15/01/2019 17/01/2019
Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 1046 1046 154 892 0
Affected Population Backyard poultry

Outbreak summary: Total outbreaks = 1 (Draft)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>1046</td>
<td>1046</td>
<td>154</td>
<td>892</td>
<td>0</td>
</tr>
</tbody>
</table>

Outbreak summary: Total outbreaks = 3 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
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</thead>
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<td>1046</td>
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<tr>
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<td>8794</td>
<td>40404</td>
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</tbody>
</table>

### Epidemiology

#### Epidemiological comments

Based on Iran's HPAI control strategy, four different steps of HPAI operational control program (1- report/detect, 2- confirmation, 3- extinction, 4- closure) are ongoing. The main objective of our National Program is to close the HPAI outbreaks; through trace-back and trace-forward investigation.

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

- Unknown or inconclusive

#### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• surveillance outside containment and/or protection zone</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• screening</td>
<td></td>
</tr>
<tr>
<td>• quarantine</td>
<td></td>
</tr>
<tr>
<td>• official disposal of carcasses, by-products and waste</td>
<td></td>
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<tr>
<td>• stamping out</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
<tr>
<td>• disinfection</td>
<td></td>
</tr>
</tbody>
</table>

#### Animals treated

- Vaccination Prohibited

- No

- Yes

### Future Reporting

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

Follow-up report No.: 3, Report reference: 29328, Report Date: 26/01/2019, Country: Iran

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