### Report Summary

**Name of sender of the report** Dr Mehdi Khalaj  
**Position** Head of IVO  
**Telephone** +9821 8898 7391  
**Fax** +9821 88962392  
**Email** ivohead@ivo.ir  
**Date submitted to OIE** 26/11/2016  
**Date of report** 26/11/2016  
**Country** Iran

#### Animal type
- **Type**: Terrestrial

#### Disease
- **Disease**: Highly pathogenic avian influenza
- **Date of start of the event**: 14/11/2016
- **Date of confirmation of the event**: 19/11/2016

#### Causal Agent
- **Causal Agent**: Highly pathogenic avian influenza virus
- **Serotype(s)**: H5N8

#### Reason
- **Reason**: New strain of a listed disease in the country
- **Clinical signs**: Yes

### Outbreak details

#### Province

<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>
</table>

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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEHRAN-other report - submitted</td>
<td>-</td>
<td>Malard</td>
<td>Akhtarabad</td>
<td>Farm</td>
<td>Fatem2 Farm</td>
<td>35.60756</td>
<td>50.6954</td>
<td>14/11/2016</td>
<td>19/11/2016</td>
</tr>
</tbody>
</table>

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<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEHRAN- (this report - submitted)</td>
<td>-</td>
<td>Malard</td>
<td>Amirabad Tavanbakhshi</td>
<td>Farm</td>
<td>Sad-o-dah Farm</td>
<td>35.66552</td>
<td>50.79663</td>
<td>22/11/2016</td>
<td>25/11/2016</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>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>310334</td>
<td>74301</td>
<td>6984</td>
<td>303350</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments
1. The event was reported according to the Iran Passive surveillance in place  
2. A post outbreak investigation to trace the source of infection is ongoing to detect the probable spread and circulation of this subtype.  
3. Active surveillance is ongoing  
4. To reduce the poultry population at risk, 155,000 birds in farms located within a one-kilometre radius of the affected farms have been slaughtered after confirming to be negative to highly pathogenic avian influenza.

#### Source of the outbreak(s) or origin of infection
- Unknown or inconclusive

### Measures applied
- Applied: To be applied
Applied | To be applied
---|---
• control of wildlife reservoirs | • surveillance outside containment and/or protection zone
• stamping out | 
• quarantine | 
• screening | 
• zoning | 
• disinfection / disinfestation | 
• official disposal of carcasses, by-products and waste | 
• surveillance within containment and/or protection zone | 

<table>
<thead>
<tr>
<th>Animals treated</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Future Reporting**

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