## Report Summary

**Name of sender of the report**  
Dr Mehdi Khalaj  
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**Position**  
Head of IVO  
**Fax**  
+9821 8896 2392  
**Address**  
P.O. Box : 14155  
6349, Tehran Tehran 1431683765  
**Date submitted to OIE**  
24/04/2017

**Animal type**  
Terrestrial  
**Date of report**  
22/04/2017  
**Disease**  
Highly pathogenic avian influenza  
**Date of start of the event**  
15/01/2017  
**Causal Agent**  
Highly pathogenic avian influenza virus  
**Date of confirmation of the event**  
16/01/2017  
**Serotype(s)**  
H5N1  
**Date of last occurrence**  
29/07/2015  
**Reason**  
Recurrence of a listed disease  
**Country or zone**  
the whole country  
**Diagnosis**  
Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

## 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>
<tbody>
<tr>
<td>MAZANDARAN- (this report - submitted)</td>
<td>-</td>
<td>Mahmoodabad</td>
<td>Mahmoodabad</td>
<td>Village</td>
<td>Gilapey</td>
<td>36.56</td>
<td>52.28</td>
<td>15/01/2017</td>
<td>16/01/2017</td>
</tr>
</tbody>
</table>

### Species

<table>
<thead>
<tr>
<th>Species</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>230</td>
<td>39</td>
<td>10</td>
<td>220</td>
<td>0</td>
</tr>
</tbody>
</table>

### Affected Population

Backyard ducks in a house near Gilapey village

## Outbreak summary

**Total outbreaks = 1 (Submitted)**

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## 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.

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

- Unknown or inconclusive

## Measures applied

### Applied

- screening  
- disinfection / disinfestation  
- quarantine  
- stamping out  
- official disposal of carcasses, by-products and waste  
- surveillance within containment and/or protection zone  
- control of wildlife reservoirs  
- zoning

### To be applied

- surveillance outside containment and/or protection zone

### Animals treated

- Vaccination Prohibited  
  - Yes

## 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>Central Veterinary Laboratory of Iran Veterinary Organization (CVL)</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>16/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>Laboratory Type</td>
<td>Name of Laboratory</td>
<td>Species</td>
<td>Test Type</td>
<td>Date results provided</td>
<td>Result</td>
</tr>
<tr>
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<td>-------------------------------------------------------------------------------------</td>
<td>---------</td>
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<td>--------</td>
</tr>
<tr>
<td>OIE Reference Laboratory</td>
<td>Experimental Zooprophylactic Institute (IZS), Venezie (Italy)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>18/04/2017</td>
<td>Positive</td>
</tr>
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**Future Reporting**

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

Resolved (domestic)
International Boundaries
Administrative Boundaries