## Report Summary

**Name of sender of the report**
Dr Mehdi Khalaj

**Position**
Head of IVO

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+9821 8898 7391

**Fax**
+9821 88962392

**Email**
ivohead@ivo.ir

**Date submitted to OIE**
04/12/2016

### 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

### Serotype(s)

- **Serotype(s)**: H5N8

### Reason

- **Reason**: New strain of a listed disease in the country

### Country or zone

- **Country or zone**: the whole country

### Number of reported outbreaks

- **Number of outbreaks submitted**: 5
- **Number of outbreaks drafted**: 0

### Outbreak details

#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 50621
- **Cases**: 13355
- **Deaths**: 4455
- **Destroyed**: 46166
- **Slaughtered**: 0

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#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 232840
- **Cases**: 47510
- **Deaths**: 1128
- **Destroyed**: 231712
- **Slaughtered**: 0

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#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 26873
- **Cases**: 13436
- **Deaths**: 1401
- **Destroyed**: 25472
- **Slaughtered**: 0

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#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 218987
- **Cases**: 32030
- **Deaths**: 198
- **Destroyed**: 218589
- **Slaughtered**: 0

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#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 30995
- **Cases**: 9000
- **Deaths**: 750
- **Destroyed**: 30245
- **Slaughtered**: 0

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#### Province: TEHRAN

#### Category: other report - submitted

- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 238987
- **Cases**: 32030
- **Deaths**: 198
- **Destroyed**: 218589
- **Slaughtered**: 0

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### Outbreak summary: Total outbreaks = 5 (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>560316</td>
<td>115331</td>
<td>8132</td>
<td>552184</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

1. These two new outbreaks were detected under the ongoing Avian influenza surveillance program.
2. A post outbreak investigation to trace the source of infection is ongoing to detect the probable spread and circulation of this sub-type.
3. Active surveillance is ongoing.
4. Epidemiological investigation is ongoing and as preemptive control measures, 523,000 birds at farms located in a three-kilometer radius around the affected farms have been slaughtered following confirmed negative result for HPAI.

#### 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>• control of wildlife reservoirs</td>
<td>• surveillance outside containment and/or protection zone</td>
</tr>
<tr>
<td>• stamping out</td>
<td></td>
</tr>
<tr>
<td>• quarantine</td>
<td></td>
</tr>
<tr>
<td>• screening</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
<tr>
<td>• disinfection / disinestation</td>
<td></td>
</tr>
<tr>
<td>• official disposal of carcasses, by-products and waste</td>
<td></td>
</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
<td></td>
</tr>
</tbody>
</table>

### Animals treated

- Vaccination Prohibited

<table>
<thead>
<tr>
<th>No.</th>
<th>Yes</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.