## Report Summary

**Disease**  
Highly pathogenic avian influenza

**Animal type**  
Terrestrial

**Causal Agent**  
Highly pathogenic avian influenza virus

**Serotype(s)**  
H5N1

**Clinical Signs**  
Yes

**Reason**  
Reoccurrence of a listed disease

**Date of confirmation of Event**  
12/12/2007

**Date of report**  
16/01/2008

**Date Submitted To OIE**  
16/01/2008

**Diagnosis**  
Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

**Number Of Reported Outbreaks**  
Submitted= 1, Draft= 0

**Name of Sender of the report**  
Dr. Mojtaba Noorouzi

**Address**  
Seyd Jamaledin Assad Abadi St.Tehran ,Iran  TEHERAN 14155-6349

**Telephone**  
(98-21) 8895 7007

**Fax**  
(98-21) 8895 7252

**Email**  
ivoquarantine@ivo.org.ir

**Entered by**  
Mme Margarita Alonso

## Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAZANDARAN Babolsar Village Darzi Naghib</td>
<td>36.65387</td>
<td>52.61894</td>
<td>12/12/2007</td>
<td>10/12/2007</td>
</tr>
</tbody>
</table>

**Species**  
Birds

**Measuring units**  
Animals

<table>
<thead>
<tr>
<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>489</td>
<td>14</td>
<td>14</td>
<td>475</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**  
free-range chickens (backyard)

## Outbreak summary: Total outbreaks = 1 (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>489</td>
<td>14</td>
<td>14</td>
<td>475</td>
<td>0</td>
</tr>
</tbody>
</table>

## Epidemiology

**Epidemiological comments**

The event was reported according to the Iranian passive surveillance programme in place; a post-outbreak investigation to trace the source of the infection is ongoing to detect the probable spread and circulation of the virus. Active surveillance is ongoing.

**Source of Infection**  
• Under investigation

## Control Measures

- Control of wildlife reservoirs
- Stamping out

**To be applied**  
Vaccination Prohibited

**Yes**  
• No Planned Control Measures

**Vaccination Prohibited**  
Yes
### Applied
- Quarantine
- Movement control inside the country
- Screening
- Zoning
- Disinfection of infected premises/establishment(s)

### Animals treated
No

### Country / Zone
**Country or zone:** a zone or compartment

### 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>OIE's Reference Laboratory</td>
<td>Istituto Zooprofilattico Sperimentale delle Venezie (IZSV), Padova (Italy)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>08/01/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>OIE's Reference Laboratory</td>
<td>Istituto Zooprofilattico Sperimentale delle Venezie (IZSV), Padova (Italy)</td>
<td>Birds</td>
<td>reverse transcription – polymerase chain reaction (RT-PCR)</td>
<td>08/01/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Iran Veterinary Organization (IVO) Central Laboratory</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>12/12/2007</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

What further reports will be submitted in relation to this event?

There are 1 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.