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 first confirmation of the event: 15/09/2011
Date of Start of Event: 13/09/2011
Date of report: 12/12/2011
Date Submitted To OIE: 12/12/2011
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced)
Date Of Last Occurrence: 03/08/2008
Number Of Reported Outbreaks: Submitted= 3, Draft= 0
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Entered by: Dr Seyed Mohsen Dastoor

Outbreak (other report - submitted)

Province: MAZANDARAN
District: SAVAKHOOH
Sub-district: ZIRAB
Location: KHUJ KOLA
Species: Birds
Measuring units: Animals
Susceptible: 397
Cases: 85
Deaths: 35
Destroyed: 362
Slaughtered: 0
Affected Population: Free-range ducks (backyard)

Outbreak (other report - submitted)

Province: MAZANDARAN
District: JOOYBAR
Sub-district: BALAZARRIN KOLA
Location: BALAZARRIN KOLA
Species: Birds
Measuring units: Animals
Susceptible: 2285
Cases: 450
Deaths: 310
Destroyed: 1975
Slaughtered: 0
Affected Population: Free-range ducks (backyard)
### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Province</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>
<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>MAZANDARAN</td>
<td>BABOLSAR</td>
<td>MOLLAMAHALLEH</td>
<td>Farm</td>
<td>SHAHRAM KOLA</td>
<td>36.43689</td>
<td>52.63361</td>
<td>17/10/2011</td>
<td></td>
<td>Birds</td>
<td>Animals</td>
<td>5500</td>
<td>1250</td>
<td>1022</td>
<td>4478</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: Farmed ducks, geese and backyard chickens

### 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>8182</td>
<td>1785</td>
<td>1367</td>
<td>6815</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**: Control measures have continued and no new case was observed. Screening measures have been completed.

**Source of the outbreak(s) or origin of infection**: Under investigation, but it is clear that at this season this province is host to migratory waterfowl from the north.

### Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control of wildlife reservoirs</td>
<td>• No Planned Control Measures</td>
<td>Yes</td>
</tr>
<tr>
<td>Stamping out</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarantine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Movement control inside the country</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screening</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zoning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disinfection of infected premises/establishment(s)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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>
</table>

### Future Reporting

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

There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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