**Follow-up report No.: 2**

Report reference: , OIE Ref: 12090, Report Date: 02/07/2012, Country: Mexico

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### Report Summary

**Disease**
- Highly pathogenic avian influenza

**Animal type**
- Terrestrial

**Causal Agent**
- Highly pathogenic avian influenza virus

**Serotype(s)**
- H7N3

**Clinical Signs**
- Yes

**Reason**
- Reoccurrence of a listed disease

**Date of first confirmation of the event**
- 21/06/2012

**Date of report**
- 02/07/2012

**Diagnosis**
- Laboratory (basic), Laboratory (advanced)

**Number Of Reported Outbreaks**
- Submitted= 3, Draft= 0

**Name of Sender of the report**
- Dr Hugo Fragoso Sánchez

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### Outbreak (other report - submitted)

**Estado**
- Jalisco

**Localidad**
- Valle de Guadalupe

**Location**
- Tepatitlan de Morelos

**Species**
- Birds

**Measuring units**
- Animals

<table>
<thead>
<tr>
<th>Disease</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>480000</td>
<td>321600</td>
<td>118992</td>
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</tbody>
</table>

**Affected Population**

<table>
<thead>
<tr>
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<td>158064</td>
<td>63226</td>
<td>60000</td>
<td>...</td>
</tr>
</tbody>
</table>

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**Estado**
- Jalisco

**Localidad**
- Tierras Coloradas

**Location**
- Acatic

**Species**
- Birds

**Measuring units**
- Animals

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### Outbreak (other report - submitted)
Estado: JALISCO
Localidad: Pegueros
Unit Type: Farm
Location: Tepatitlan de Morelos
Latitude: 20.9114
Longitude: -102.69444
Start date: 13/06/2012
End Date: 

<table>
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<th>Measuring units</th>
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<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>296599</td>
<td>107496</td>
<td>29024</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population

Outbreak summary: Total outbreaks = 3 (Submitted)

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<tbody>
<tr>
<td>Birds</td>
<td>1042039</td>
<td>587160</td>
<td>211242</td>
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</tbody>
</table>

Epidemiology

Epidemiological comments

During the epidemiological surveillance carried out in response to the event, the National Food Quality, Food Safety and Health Service (SENASICA) has taken samples in the outbreaks and around the outbreaks in 58 poultry farms. 24 farms were identified by viral isolation, diagnosis is ongoing in other 24 and 10 have tested negative to H7N3 highly pathogenic virus. The rates obtained so far are: a morbidity rate of 21.62%, a mortality rate of 8.48% and a fatality rate of 39.22%.

Around the outbreaks, 79 farms at risk have been identified, of which 60 commercial layer farms, 11 breeder farms and 8 breeder farms. The population at risk in these 79 farms amounts to about 14.4 million birds, of which 86.1% of layers, 6.9% of broilers and 7% of breeders.

As part of the measures taken to reduce the risk, the buffer zone has been extended to 40 km around the index outbreak and includes 161 poultry farms at risk with a population of 25.8 million birds. Control measures on birds and their products movements have been strengthened in the quarantine area and eight check points have been established with the support of 26 health technicians with 9 vehicles that monitor the quarantine zone.

Epidemiological surveillance activities continue in the outbreaks, around the outbreaks and in the buffer zone. As a measure to reduce the risk, sampling will be carried out in neighbouring States and in poultry farms at risk outside the buffer zone.

Control Measures

- Stamping out
- 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>
</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.