Immediate notification report
Report reference: , Ref OIE: 12067, Report Date: 21/06/2012 , Country: Mexico

Report Summary

Disease: Highly pathogenic avian influenza
Animal type: Terrestrial

Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H7

Clinical Signs: Yes
Reason: Reoccurrence of a listed disease

Date of first confirmation of the event: 21/06/2012
Date of report: 21/06/2012
Date of Start of Event: 13/06/2012

Diagnosis: Laboratory (basic)
Name of Sender of the report: Dr Hugo Fragoso Sánchez

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Outbreak (this report - submitted)

Estado: JALISCO
Localidad: Valle de Guadalupe
Unit Type: Farm
Location: Tepatitlan de Morelos
Latitude: 20.99833
Longitude: -102.620311
Start date: 13/06/2012

Species: Birds
Measuring units: Animals
Susceptible: 480000
Cases: 321600
Deaths: 118992
Destroyed: 0
Slaughtered: 0

Affected Population

Outbreak (this report - submitted)

Estado: JALISCO
Localidad: Tierras Coloradas
Unit Type: Farm
Location: Acatic
Latitude: 20.721778
Longitude: -102.870394
Start date: 13/06/2012

Species: Birds
Measuring units: Animals
Susceptible: 263440
Cases: 158064
Deaths: 63226
Destroyed: 60000
Slaughtered: ...

Affected Population

Outbreak (this report - submitted)
### Epidemiology

**Epidemiological comments**

An epidemiological investigation is being conducted. The event includes 3 commercial layer farms. The birds showed: gasping, depression, lethargy, drooping wings, prostration, fever and death. The birds are 32, 72, 75, 84 and 94 weeks old. Isolates are being tested by intravenous pathogenicity test to determine their pathogenicity and by gene sequencing. Epidemiological investigation is on-going to establish the extent of the problem and the source of infection in order to implement additional measures to rapidly resolve the problem. Additional sampling is underway to identify the possible presence of other pathogens involved in the outbreaks.

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

- Unknown or inconclusive

### Control Measures

**Applied**

- Quarantine
- Movement control inside the country
- Screening
- Zoning
- Disinfection of infected premises/establishment(s)
- Modified stamping out

**Animals treated**

No

### Country / 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>National laboratory</td>
<td>Biosecurity Laboratory Level 3</td>
<td>Birds</td>
<td>virus isolation</td>
<td>21/06/2012</td>
<td>Positive</td>
</tr>
</tbody>
</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 those individual outbreaks are resolved.

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