Follow-up report No.: 1
Report reference: , OIE Ref: 12074, Report Date: 25/06/2012, Country: Mexico

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: 25/06/2012

Diagnosis: Laboratory (basic), Laboratory (advanced)

Number Of Reported Outbreaks: Submitted= 3, Draft= 0

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Outbreak (other report - submitted)

Estado: JALISCO
Localidad: Tierras Coloradas
Unit Type: Farm
Location: Acatic
Species: Birds
Measuring units: Animals
Susceptible: 263440
Cases: 158064
Deaths: 63226
Destroyed: 60000
Slaughtered: 

Outbreak (other report - submitted)

Estado: JALISCO
Localidad: Valle de Guadalupe
Unit Type: Farm
Location: Tepatitlan de Morelos
Species: Birds
Measuring units: Animals
Susceptible: 480000
Cases: 321600
Deaths: 118992
Destroyed: 0
Slaughtered: 0
### Epidemiology

**Epidemiological comments**

The epidemiological investigation is on-going to identify the source of the infection and the risk factors. The isolates were tested by intravenous pathogenicity test and correspond to a highly pathogenic avian influenza virus subtype H7N3. A full gene sequencing of the virus is on-going.

Following this diagnosis, about 60 poultry farms within the area around the outbreaks have been sampled in order to determine their health status. The samples are being tested by the official national reference laboratory. Preventive quarantine measures will be established throughout the poultry region at risk, which is estimated at around 500 production units. Currently, the following control measures are being applied: official movement control measures on poultry and poultry products inside and outside the area around the outbreaks; official sampling in industrial poultry farms, backyard poultry farms and poultry markets; assessment of biosecurity and good livestock practices; depopulation of affected farms in order to introduce later sentinel animals.

Note by the OIE Animal Health Information Department: this event, previously notified to the OIE as low pathogenic avian influenza, is due to serotype H7N3 of highly pathogenic avian influenza virus.

<table>
<thead>
<tr>
<th>Source of the outbreak(s) or origin of infection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown or inconclusive</td>
</tr>
</tbody>
</table>

### Control Measures

#### Applied

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

#### To be applied

- No Planned Control Measures

- Vaccination Prohibited: Yes

**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>National laboratory</td>
<td>National Animal Health Diagnostic Services Center/CPA</td>
<td>Birds</td>
<td>neuraminidase inhibition assay</td>
<td>25/06/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Biosecurity Laboratory Level 3</td>
<td>Birds</td>
<td>intravenous pathogenicity index (IVPI) test</td>
<td>25/06/2012</td>
<td>Positive</td>
</tr>
</tbody>
</table>

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## 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.