## Report Summary

**Name of sender of the report**: MVZ Guerrero Lourdes  
**Telephone**: +52 55 59051000  
**Position**: Subdirectora de Evaluación Zoosanitaria de Mercancias  
**Email**: lourdes.guerrero@senasica.gob.mx  
**Reference OIE**: 30704  
**Report Date**: 04/06/2019  
**Country**: Mexico

### Disease

**Disease**: Highly pathogenic avian influenza  
**Date of start of the event**: 06/03/2019  
**Date of confirmation of the event**: 10/03/2019  
**Serotype(s)**: H7N3  
**Date of last occurrence**: 18/04/2018  
**Reason**: Recurrence of a listed disease  
**Diagnosis**: Clinical, Laboratory (advanced)

### Country or zone

- **a zone or compartment**

### Reason

- **Recurrence of a listed disease**

### Disease

- **Highly pathogenic avian influenza**

### Date of report

- **04/06/2019**

### Date of submission to OIE

- **06/06/2019**

### Date of confirmation of the event

- **10/03/2019**

### Serotype(s)

- **H7N3**

### Date of last occurrence

- **18/04/2018**

### Reason

- **Recurrence of a listed disease**

### Diagnosis

- **Clinical, Laboratory (advanced)**

### Number of reported outbreaks

- **submitted= 15, Draft= 0**

### Animal type

- **Terrestrial**

### Date of report

- **04/06/2019**

### Disease

- **Highly pathogenic avian influenza**

### Date of start of the event

- **06/03/2019**

### Causal Agent

- **Highly pathogenic avian influenza virus**

### Date of confirmation of the event

- **10/03/2019**

### Serotype(s)

- **H7N3**

### Date of last occurrence

- **18/04/2018**

### Reason

- **Recurrence of a listed disease**

### Diagnosis

- **Clinical, Laboratory (advanced)**

## Outbreak details

### Estado

<table>
<thead>
<tr>
<th>Mexico-other report - submitted</th>
<th>Number of outbreaks</th>
<th>Municipio</th>
<th>Localidad</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date:</th>
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<tbody>
<tr>
<td>-</td>
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<td></td>
<td></td>
<td>Backyard</td>
<td>Acolman</td>
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</tbody>
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### Species

- **Measuring units**

- **Susceptible**

- **Cases**

- **Deaths**

- **Killed and disposed of**

- **Slaughtered**

### Affected Population

- **Backyard with 150 birds detected following high mortality and clinical signs suggesting highly pathogenic avian influenza (cyanosis, edema and swelling on red comb and wattles and sudden death).**

### Estado

<table>
<thead>
<tr>
<th>Queretaro-other report - submitted</th>
<th>Number of outbreaks</th>
<th>Municipio</th>
<th>Localidad</th>
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<th>Start Date</th>
<th>End Date:</th>
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</thead>
<tbody>
<tr>
<td>-</td>
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<td></td>
<td>Farm</td>
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<td>08/04/2019</td>
<td>19/04/2019</td>
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### Species

- **Measuring units**

- **Susceptible**

- **Cases**

- **Deaths**

- **Killed and disposed of**

- **Slaughtered**

### Affected Population

- **The presence of highly pathogenic avian influenza was detected as part of active epidemiological surveillance in a poultry production unit in five birds that were subjected to organ sampling and did not show any clinical signs, as the rest of the flock.**

### Estado

<table>
<thead>
<tr>
<th>Jalisco-other report - submitted</th>
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<th>Municipio</th>
<th>Localidad</th>
<th>Unit Type</th>
<th>Location</th>
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<tbody>
<tr>
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<td>Backyard</td>
<td>Lagos de Moreno</td>
<td>21.375311</td>
<td>-101.935152</td>
<td>09/04/2019</td>
<td>14/04/2019</td>
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</tbody>
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### Species

- **Measuring units**

- **Susceptible**

- **Cases**

- **Deaths**

- **Killed and disposed of**

- **Slaughtered**

### Affected Population

- **Reporting of a high mortality in a backyard with fighting cocks. Quarantine was imposed immediately and fallowing, cleaning and disinfection of the premises are ongoing.**

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### Species

- **Measuring units**

- **Susceptible**

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### Affected Population

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<tr>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td>Backyard</td>
<td>Lagos de Moreno</td>
<td>19.878863</td>
<td>-99.554658</td>
<td>09/04/2019</td>
<td>16/04/2019</td>
</tr>
</tbody>
</table>

### Species

- **Measuring units**

- **Susceptible**

- **Cases**

- **Deaths**

- **Killed and disposed of**

- **Slaughtered**

### Affected Population

- **Reporting of a high mortality in a backyard with fighting cocks. Quarantine was imposed immediately and fallowing, cleaning and disinfection of the premises are ongoing.**

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### Species

- **Measuring units**

- **Susceptible**

- **Cases**

- **Deaths**

- **Killed and disposed of**

- **Slaughtered**

### Affected Population

- **Reporting of a high mortality in a backyard with fighting cocks. Quarantine was imposed immediately and fallowing, cleaning and disinfection of the premises are ongoing.**
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<table>
<thead>
<tr>
<th>Nombre de encuentros</th>
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<th>Localidad</th>
<th>Tipo de unidad</th>
<th>Local</th>
<th>Latitud</th>
<th>Longitud</th>
<th>Fecha de inicio</th>
<th>Fecha de finalización</th>
</tr>
</thead>
</table>

### Afectado Population
- Reported a high mortality in a backyard with birds. At the time of the visit, there were only 60 sick animals left, the remaining animals had then already died. Quarantine was imposed and following, cleaning and disinfection of the premises were carried out immediately.

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</tr>
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</table>

### Afectado Population
- A rural production unit with 598 birds, detected and reported to the competent authority by a self-employed veterinarian in order to carry out appropriate epidemiological monitoring.

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<th>Longitud</th>
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<th>Fecha de finalización</th>
</tr>
</thead>
</table>

### Afectado Population
- As a result of the epidemiological surveillance, samples were taken in a backyard with one bird with no clinical signs; the virus was isolated.

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</tr>
</thead>
</table>

### Afectado Population
- As a result of the epidemiological surveillance, the disease was detected in a backyard with 62 birds. High mortality was observed in the premises; samples were therefore taken for virus isolation.

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</thead>
</table>

### Afectado Population
- Backyard with 34 birds detected following high mortality and clinical signs suggesting highly pathogenic avian influenza (cyanosis, edema and swelling on red comb and wattles and sudden death).

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<th>Fecha de inicio</th>
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</tr>
</thead>
</table>

### Afectado Population
- Backyard with 10 birds detected following high mortality and clinical signs suggesting highly pathogenic avian influenza (cyanosis, edema and swelling on red comb and wattles and sudden death).

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<th>Localidad</th>
<th>Tipo de unidad</th>
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<th>Latitud</th>
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<th>Fecha de finalización</th>
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</thead>
</table>

### Afectado Population
- Commercial laying farm with 2,000 birds detected following high mortality and clinical signs suggesting highly pathogenic avian influenza (cyanosis, edema and swelling on red comb and wattles and sudden death).

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Follow-up report No.: 4, Report reference: OIE Ref: 30704, Report Date: 04/06/2019, Country: Mexico  

Printed on: Thu Jun 6 18:09:42 AST 2019  
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### Outbreak summary: Total outbreaks = 15 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
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<tbody>
<tr>
<td>Birds</td>
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<td>5564</td>
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</table>

#### Epidemiology

**Epidemiological comments**

Virus isolation was carried out in both backyards and in both commercial laying farms and the following IVPI results were obtained: 2.55 (General Heliodoro Castillo), 2.69 (Cadereyta de Montes) and 2.52 (Tizayuca). Quarantines were established as well as bans on movements in and out. All the birds were killed and the carcasses, by-products and waste were officially disposed of, and the facilities were cleaned and disinfected, except for the backyard in General Heliodoro Castillo, where measures are still on-going. The States of Querétaro, Hidalgo and Guerrero have a low prevalence and vaccination against avian influenza virus H7N3 is applied, prior authorization from SENASICA.

**Source of the outbreaks or origin of infection**

- Unknown or inconclusive

### Measures applied

**Applied**

- movement control inside the country
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone
- quarantine
- slaughter

**To be applied**

- official disposal of carcasses, by-products and waste
- stamping out
- disinfection
- ante and post-mortem inspections

### Animals treated

<table>
<thead>
<tr>
<th>Source</th>
<th>Vaccination Prohibited</th>
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</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>

### Future Reporting

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

Follow-up report No.: 4, Report reference: , OIE Ref: 30704, Report Date: 04/06/2019, Country: Mexico