Follow-up report No.5 (Final report)

Report Summary

Name of sender of the report Prof. Dr Romano Marabelli
Position Chief Veterinary Officer
Address Viale Giorgio Ribotta,5 Rome 00144

Date submitted to OIE 18/09/2013

Animal type Terrestrial  Date of report 18/09/2013
Disease Highly pathogenic avian influenza Date of start of the event 10/08/2013
Causal Agent Highly pathogenic avian influenza virus Date of pre-confirmation of the event 14/08/2013

Serotype(s) H7N7  Diagnosis Clinical, Laboratory (basic)
Reason New strain of a listed disease Clinical signs Yes

Country or zone a zone or compartment
Number of reported outbreaks submitted= 6, Draft= 0

Outbreak details

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</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>
</tr>
</thead>
<tbody>
<tr>
<td>EMILIA-ROMAGNA-oth report - submitted</td>
<td>1</td>
<td>FERRARA</td>
<td>Farm</td>
<td>Ostellato</td>
<td>44.714462</td>
<td>11.926653</td>
<td>10/08/2013</td>
<td>27/08/2013</td>
<td></td>
</tr>
<tr>
<td>EMILIA-ROMAGNA-oth report - submitted</td>
<td>1</td>
<td>Bologna</td>
<td>Farm</td>
<td>Mordano</td>
<td>44.391003</td>
<td>11.793029</td>
<td>20/08/2013</td>
<td>08/09/2013</td>
<td></td>
</tr>
<tr>
<td>EMILIA-ROMAGNA-oth report - submitted</td>
<td>1</td>
<td>FERRARA</td>
<td>Farm</td>
<td>Portomaggiore</td>
<td>44.694341</td>
<td>11.888689</td>
<td>21/08/2013</td>
<td>27/08/2013</td>
<td></td>
</tr>
<tr>
<td>EMILIA-ROMAGNA-oth report - submitted</td>
<td>1</td>
<td>BOLOGNA</td>
<td>Farm</td>
<td>Mordano</td>
<td>44.4034626</td>
<td>11.802323</td>
<td>03/09/2013</td>
<td>08/09/2013</td>
<td></td>
</tr>
</tbody>
</table>

Species  Measuring units  Susceptible  Cases  Deaths  Destroyed  Slaughtered

Birds  Animals  128000  105000  4000  124000  0

Affected Population  On the basis of the monitoring activities implemented after the detection of the primary outbreak in Ostellato, Ferrara province, notified on last 15 August, a secondary outbreak has been confirmed in Mordano, Bologna province, affecting a commercial farm of layer hens belonging to the same company.

Birds  Animals  584900  1  0  584900  0

Affected Population  On the basis of the monitoring activities implemented after the detection of the primary outbreak in Ostellato, Ferrara province, notified on last 15 August, a secondary outbreak in the surveillance zone, located at 3,5 km from the primary outbreak, has been confirmed in Portomaggiore, Ferrara province, affecting a commercial turkey farm.

Birds  Animals  19850  19850  1300  18550  0

Affected Population  On the basis of the monitoring activities implemented after the detection of the primary outbreak in Ostellato, Ferrara province, notified on last 15 August, a secondary outbreak in Bologna province, affecting a commercial layer hens farm located in the protection zone established around the 2nd outbreak in Mordano Municipality.

Birds  Animals  121705  27000  364  121341  0

Authorized signatory:

Prof. Dr Romano Marabelli
Chief Veterinary Officer

Date:

18/09/2013
Outbreak summary: Total outbreaks = 6 (Submitted)

<table>
<thead>
<tr>
<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>Birds</td>
<td>Animals</td>
<td>952658</td>
<td>151863</td>
<td>5676</td>
<td>946982</td>
<td>0</td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments

The National Reference Laboratory in Padova has confirmed for all the six outbreaks HPAI virus subtype H7N7.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied

• stamping out
• quarantine
• movement control inside the country
• screening
• disinfection of infected premises/establishment(s)

To be applied

• no planned control measures

Animals treated

Vaccination Prohibited

No

Animals treated

Yes

Future Reporting

The report and all its outbreaks have been resolved.
Outbreak maps