Follow-up report No.3

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  28/08/2013

Animal type  Terrestrial
Disease  Highly pathogenic avian influenza
Causal Agent  Highly pathogenic avian influenza virus
Serotype(s)  H7N7
Reason  New strain of a listed disease

Outbreak details

Province  EMILIA-ROMAGNA-oth er report - submitted
Number of outbreaks 4
District  FERRARA
Sub-district  Farm
Location  Ostellato
Latitude  44.714462
Longitude  11.926653
Start Date  10/08/2013
End Date: 28/08/2013

Species  Birds
Measuring units  Animals
Susceptible Cases 128000
Deaths 105000
Destroyed 4000
Slaughtered 0

Affected Population  Commercial layer hens with clinical signs - PCR positive for H7

Province  EMILIA-ROMAGNA-oth er report - submitted
Number of outbreaks 4
District  FERRARA
Sub-district  Farm
Location  Mordano
Latitude  44.391003
Longitude  11.793029
Start Date  20/08/2013
End Date: 28/08/2013

Species  Birds
Measuring units  Animals
Susceptible Cases 584900
Deaths 1
Destroyed 0
Slaughtered 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.

Province  EMILIA-ROMAGNA-oth er report - submitted
Number of outbreaks 4
District  FERRARA
Sub-district  Farm
Location  Portomaggiore
Latitude  44.694341
Longitude  11.88689
Start Date  21/08/2013
End Date: 28/08/2013

Species  Birds
Measuring units  Animals
Susceptible Cases 19850
Deaths 19850
Destroyed 1300
Slaughtered 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.

Province  EMILIA-ROMAGNA-oth er report - submitted
Number of outbreaks 4
District  BOLOGNA
Sub-district  Farm
Location  Mordano
Latitude  44.4209
Longitude  11.799384
Start Date  27/08/2013
End Date: 28/08/2013

Species  Birds
Measuring units  Animals
Susceptible Cases 121705
Deaths 27000
Destroyed 364
Slaughtered 0

Affected Population  The positivity regards a commercial layer hens farm located in the protection zone established around the 2nd outbreak in Mordano Municipality.

Outbreak summary: Total outbreaks = 4 (Submitted)
### Epidemiology

#### Epidemiological comments
The last testing on 23 August was negative and starting from 26 August abnormal mortality was detected.
The National Reference Laboratory in Padova has confirmed H7 at RT-PCR.
The farm is already located in the restriction zones and depopulation will be carried out.

#### Source of the outbreak(s) or origin of infection
- Unknown or inconclusive

### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• quarantine</td>
<td>• stamping out</td>
</tr>
<tr>
<td>• movement control inside the country</td>
<td>• screening</td>
</tr>
<tr>
<td></td>
<td>• disinfection of infected premises/establishment(s)</td>
</tr>
</tbody>
</table>

### Animals treated

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

### 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>Experimental Zooprophylactic Institute (IZSVe), PADOVA</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>28/08/2013</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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

Follow-up report No.: 3, Report reference: , OIE Ref: 13986, Report Date: 28/08/2013, Country: Italy
