Follow-up report No.10
Report reference: , Reference OIE : 23274, Report Date : 17/03/2017, Country : Italy

Report Summary

Name of sender of the report Prof. Dr. Romano Marabelli
Telephone +390659946945(6)
Address Viale Giorgio Ribotta,5 Rome 00144
Email alimentivet@sanita.it
Date submitted to OIE 17/03/2017

Animal type Terrestrial
Date of report 17/03/2017
Disease Highly pathogenic avian influenza
Date of start of the event 20/01/2017
Causal Agent Highly pathogenic avian influenza virus
Date of confirmation of the event 21/01/2017
Serotype(s) H5N8
Date of last occurrence 17/01/2015

Reason Reoccurrence of a listed disease
Diagnosis Clinical, Laboratory (advanced)
Country or zone a zone or compartment
Clinical signs Yes
Number of reported outbreaks submitted= 10, Draft= 0

<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>VENETO-other report - submitted</td>
<td>-</td>
<td>VENEZIA</td>
<td>Farm</td>
<td>Mira</td>
<td>45.380407</td>
<td>12.166908</td>
<td>20/01/2017</td>
<td>26/01/2017</td>
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</tr>
<tr>
<td>VENETO-other report - submitted</td>
<td>-</td>
<td>PADOVA</td>
<td>Farm</td>
<td>Pieve di Sacco</td>
<td>45.30428</td>
<td>12.112575</td>
<td>23/01/2017</td>
<td>29/01/2017</td>
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<td>VENETO-other report - submitted</td>
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<td>ROVIGO</td>
<td>Farm</td>
<td>Porto Viro</td>
<td>44.96407</td>
<td>12.282057</td>
<td>25/01/2017</td>
<td>04/02/2017</td>
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<tr>
<td>EMILIA-ROMAGNA-oth er report - submitted</td>
<td>-</td>
<td>PARMA</td>
<td>Farm</td>
<td>Sorbolo</td>
<td>44.88879</td>
<td>10.453311</td>
<td>01/02/2017</td>
<td>08/02/2017</td>
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Affected Population The positivity regards a commercial farm of fattening turkeys.
Culling of 19900 turkeys has been completed on 26 January 2017 and all 20500 turkeys have been safely disposed of.

Affected Population The positivity regards a farm of fattening turkeys.
Culling of 22376 turkey has been completed on 29 January 2017 and all 22630 turkeys have been safely disposed of.

Affected Population The positivity regards a layer hens farming.
Culling of 36720 layer hens has been completed on 04 February 2017 and all 37000 layer hens have been safely disposed of.

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Culling of 36720 layer hens has been completed on 04 February 2017 and all 37000 layer hens have been safely disposed of.
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:  
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
**LOMBARDIA**-other report - submitted | - | MANTOVA | Farm | Monzambano | 45.378272 | 10.673785 | 14/02/2017 | 18/02/2017  
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered  
Birds | Animals | 15327 | 15327 | 100 | 15227 | 0  
Affected Population | The positivity regards a farm of fattening turkeys.  
Culling of 22,900 turkeys has been completed on 8 February 2017 and all 23,300 turkeys have been safely disposed of.  
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:  
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
**VENETO**-other report - submitted | - | VERONA | Farm | Gazzo Veronese | 45.122105 | 11.129962 | 16/02/2017 | 21/02/2017  
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered  
Birds | Animals | 41373 | 5640 | 140 | 41233 | 0  
Affected Population | The positivity regards a farm of fattening turkeys.  
Culling of 41,233 turkeys has been completed on 21 February 2017 and all 41,373 turkeys have been safely disposed of.  
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:  
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
**VENETO**-other report - submitted | - | VENEZIA | Farm | San Donà di Piave | 45.655552 | 12.656759 | 27/02/2017 | 01/03/2017  
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered  
Birds | Animals | 18 | 18 | 0 | 18 | 0  
Affected Population | The positivity regards a backyard farm.  
The February 28, 2017 all 18 animals were disposed of safely.  
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:  
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
**VENETO**-other report - submitted | - | VENEZIA | Farm | San Donà di Piave | 45.65457 | 12.653174 | 27/02/2017 | 28/02/2017  
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered  
Birds | Animals | 11 | 11 | 8 | 3 | 0  
Affected Population | The positivity regards a backyard farm.  
Culling of 3 animals has been completed on 28 February 2017 and all 11 animals have been safely disposed of.  
Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:  
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
**VENETO**- (this report - submitted) | - | TREVIISO | Farm | Vazzola | 45.846956 | 12.375294 | 16/03/2017 | 16/03/2017  
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered  
Birds | Animals | 180 | 5 | 5 | -- | --  
Affected Population | The positivity regards a commercial farm of game birds.  

Follow-up report No.: 10, Report reference:  , OIE Ref: 23274, Report Date: 17/03/2017, Country: Italy
Outbreak summary: Total outbreaks = 10 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>179871</td>
<td>51017</td>
<td>1887</td>
<td>177809</td>
<td>0</td>
</tr>
</tbody>
</table>

**Epidemiology**

**Epidemiological comments**
The NRL has sequenced HPAI subtype H5N8. A protection zone of 3 km and a surveillance zone of 10 km have been established.

**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>• movement control inside the country</td>
<td>• disinfection / disinfection</td>
</tr>
<tr>
<td>• screening</td>
<td>• stamping out</td>
</tr>
<tr>
<td>• traceability</td>
<td>• official disposal of carcasses, by-products and waste</td>
</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
</tbody>
</table>

**Animals treated**

<table>
<thead>
<tr>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<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>polymerase chain reaction (PCR)</td>
<td>16/03/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

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