Immediate notification report

Report reference: REF OIE 13920, Report Date: 15/08/2013, Country: Italy

Report Summary

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Date submitted to OIE: 15/08/2013

Animal type: Terrestrial
Date of report: 15/08/2013
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): H7
Reason: New strain of a listed disease
Clinical signs: Yes
Country or zone: a zone or compartment
Number of reported outbreaks: submitted= 2, Draft= 0

Outbreak details

Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
EMILIA-ROMAGNA- (this report - submitted) | - | FERRARA | Farm | Ostellato | 44.714462 | 11.926653 | 10/08/2013 |
EMILIA-ROMAGNA- oth er report - submitted | | Bologna | Farm | Mordano | 44.391003 | 11.793029 | 20/08/2013 |

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

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

Outbreak summary: Total outbreaks = 2 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- |
Birds | 712900 | 105001 | 4000 | 0 | 0 |

Epidemiology

Epidemiological comments:
Timely notification from the farmer of suspect clinical signs allowed the detection of the disease affecting a commercial farm of layer hens. A protection zone of 3 km and a surveillance zone of 10 km have been established around the farm, which is under restriction. Tracing is underway and depopulation has commenced. Further diagnostic examination, also to determine the N type, and the epidemiological investigation are on-going.

Source of the outbreak(s) or origin of infection:
• Unknown or inconclusive

Measures applied

Applied | To be applied
--- | ---
• quarantine | • stamping out
• movement control inside the country | • screening
• disinfection of infected premises/establishment(s)

Animals treated:
Vaccination Prohibited

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
--- | --- | --- | --- | --- | --- |
<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>14/08/2013</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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