Immediate notification report

Report reference: REF OIE 15109, Report Date: 13/04/2014, Country : Japan

Report Summary

<table>
<thead>
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<tbody>
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</tbody>
</table>

Date submitted to OIE: 13/04/2014

Animal type: Terrestrial

Disease: Highly pathogenic avian influenza

Causal Agent: Highly pathogenic avian influenza virus

Seroype(s): H5

Reason: Reoccurrence of a listed disease

Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

Country or zone: the whole country

Date submitted to OIE: 13/04/2014

Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

Province: KUMAMOTO- (this report - submitted)

District: Taragi-machi

Sub-district:

Unit Type: Farm

Location: Kuma-gun 32.264392 130.936336

Latitude: 32.264392

Longitude: 130.936336

Start Date: 11/04/2014

End Date: 16/04/2014

Species: Birds

Measuring units:

Susceptible: 113100

Cases: 1100

Deaths: 1100

Destroyed: 112000

Slaughtered: 0

Affected Population: poultry (broiler)

Outbreak summary: Total outbreaks = 1 (Submitted)

Epidemiology

Epidemiological comments:

Infection with H5 influenza A virus in poultry was confirmed on 13 April 2014 in Kumamoto prefecture. On 12 April 2014, local veterinary officers visited the farm immediately after notification from the owner. Increase of the mortality was recognized and the local veterinary service centre in the prefecture (Kumamoto Livestock Hygiene Centre) confirmed that samples from dead birds were influenza A virus positive by antigen-capture kits. On the same day, the centre started real-time PCR and RT-PCR test and confirmed that the subtype was H5 on 13 April. The samples are to be sent to the National Institute of Animal Health for virus isolation and HI test. Movement restrictions are imposed on the farms within the radius of 3km of the affected farm. Shipment restrictions are imposed on the farms within the radius of 3-10km of the affected farm.

Stamping-out policy is applied to the affected farm and the farm managed by the same person with the affected farm (about 56,000 birds in each farm).

Source of the outbreak(s) or origin of infection:

Unknown or inconclusive

Measures applied

Applied:

- control of wildlife reservoirs
- 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

Yes
<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>Local laboratory</td>
<td>Kumamoto Livestock Hygiene Centre</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>13/04/2014</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Kumamoto Livestock Hygiene Centre</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>13/04/2014</td>
<td>Positive</td>
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**Future Reporting**

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

Resolved (domestic)
International Boundaries
Administrative Boundaries