Immediate notification report
Report reference: REF OIE 22481, Report Date: 22/01/2017, Country: Kuwait

Report Summary

Name of sender of the report: Mrs. Hanadi Ghuloom Abdul Rahman Mohammad
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Date submitted to OIE: 23/01/2017

Animal type: Terrestrial
Date of report: 22/01/2017
Disease: Highly pathogenic avian influenza
Date of start of the event: 12/12/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 20/01/2017
Serotype(s): H5N8

Reason: New strain of a listed disease in the country
Clinical signs: Yes
Country or zone: the whole country
Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

Governorate | Number of outbreaks | District | Area | Unit Type | Location | Latitude | Longitude | Start Date | End Date
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
AL JAHRAH - (this report - submitted) | 1 | Al Jahrah | Sulaibiyah | Backyard | Sulaibiyah | 29.171 | 47.4905 | 12/12/2016 | 12/12/2016

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 285 | 200 | 144 | 141 | 0

Affected Population: Ducks, geese and pheasants

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | ---
Birds | 285 | 200 | 144 | 141 | 0

Epidemiology

Epidemiological comments:
Suspicious clinical cases as well as dead birds comprising ducks, geese and pheasants were detected for H5 subtype of avian influenza virus in the National Veterinary Laboratory. For further investigation, specimens were submitted to the Animal & Plant Health Agency, OIE Reference Laboratory, UK. Highly Pathogenic Avian Influenza (HPAI) H5N8 was confirmed by the molecular sequencing method in the OIE Reference laboratory. As soon as H5 subtype was detected in the national laboratory, sick and contact birds kept in the affected premises were culled. Carcasses were deeply buried by applying appropriate disinfection procedures. Active clinical and serological surveillance were enhanced in surrounding areas of the affected premises. New cases or new outbreaks if any will be updated in the follow up reports.

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

Measures applied:

- movement control inside the country
- screening
- disinfection / disinfestation
- quarantine
- surveillance outside containment and/or protection zone
- stamping out
- official destruction of animal products
- official disposal of carcasses, by-products and waste
- surveillance within containment and/or protection zone
- control of wildlife reservoirs

Animals treated: Vaccination Prohibited

Diagnostic test results:

| Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result |
--- | --- | --- | --- | --- | ---

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<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>OIE Reference Laboratory</td>
<td>Animal &amp; Plant Health Agency, United Kingdom</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>20/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary &amp; Research Laboratory</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>22/12/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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