Immediate notification report

Report Summary

Name of sender of the report: Doctor Sarah Dadang Abdullah
Position: Principal/Assistant Director
Address: Block Podium 4G1, Precinct 4, Federal Government Administration Centre Putrajaya 62630


Report Summary

Name of sender of the report: Doctor Sarah Dadang Abdullah
Position: Principal/Assistant Director
Address: Block Podium 4G1, Precinct 4, Federal Government Administration Centre Putrajaya 62630

Animal type: Terrestrial
Date of report: 05/08/2018

Disease: Highly pathogenic avian influenza
Date of start of the event: 27/07/2018

Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 30/07/2018

Serotype(s): H5N1
Date of last occurrence: 01/04/2017

Reason: Recurrence of a listed disease
Diagnosis: Clinical, Laboratory (advanced), Necropsy

Country or zone: a zone or compartment
Clinical signs: Yes

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

Outbreak details

State: Sabah- (this report - submitted)
District: Tuaran
Sub-district: Tamparuli
Unit Type: Farm
Location: Kampung Kauluan
Latitude: 6.105563
Longitude: 116.229785
Start Date: 27/07/2018
End Date: 27/07/2018

Species: Birds
Measuring units: Animals
Susceptible: 28000
Cases: 3000
Deaths: 3000
Killed and disposed of: 25000
Slaughtered: 0

Affected Population: The affected population is flocks of layer chickens in one farm.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Birds
Susceptible: 28000
Cases: 3000
Deaths: 3000
Killed and disposed of: 25000
Slaughtered: 0

Epidemiology

Epidemiological comments:
The report of high mortality of layer chickens was received by Sabah Department of Veterinary Services on 27 July 2018. Investigation and sampling were carried out on the same day. Movement of animals and animal products was banned on the same day. Upon confirmation of the laboratory of the samples positive for HPAI (H5N1), stamping out of the flock was carried out and the carcasses were officially disposed of. This is the first occurrence of HPAI in Sabah state. Sabah is a state of Malaysia located at East Malaysia, on the island of Borneo. Sabah and Peninsular Malaysia are separated by the South China Sea.

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

Measures applied

Applied:
• movement control inside the country
• surveillance outside containment and/or protection zone
• surveillance within containment and/or protection zone
• screening
• quarantines
• official disposal of carcasses, by-products and waste
• stamping out
• zoning
• disinfection

To be applied:
• no planned control measures

Animals treated:
Vaccination Prohibited
No
Yes

Diagnostic test results

Laboratory Type: Regional Reference Laboratory
Name of Laboratory: Sabah Veterinary Laboratory
Species: Birds
Test Type: polymerase chain reaction (PCR)
Date results provided: 30/07/2018
Result: Positive
<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>Regional Reference Laboratory</td>
<td>Veterinary Research Institute</td>
<td>Birds</td>
<td>inoculation test</td>
<td>05/08/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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