Follow-up report No.1


Report Summary

Name of sender of the report: Dr Atul Chaturvedi
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Date submitted to OIE: 02/06/2020

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1

Reason: Recurrence of a listed disease
Country or zone: a zone or compartment
Clinical signs: Yes

Diagnosis: Laboratory (advanced)

Date of report: 02/06/2020
Date of start of the event: 03/03/2020
Date of confirmation of the event: 06/03/2020
Date of last occurrence: 03/09/2019

Number of reported outbreaks: submitted=3, Draft=0

Outbreak details

State: Kerala
Number of outbreaks: submitted=3, Draft=0
District: Kozhikkode
Village/Block: Vengeri Kozhikkode Corporation
Unit Type: Backyard
Location: Vengeri Kozhikkode Corporation
Latitude: 11.30048203
Longitude: 75.79784674
Start Date: 03/03/2020
End Date: 03/03/2020

Species: Birds
Measuring units: Animals
Susceptible: 3524
Cases: 41
Deaths: 41
Killed and disposed of: 0
Slaughtered: 0

Affected Population: Chickens

State: Kerala
Number of outbreaks: submitted=3, Draft=0
District: Kozhikkode
Village/Block: Kodiyathur
Unit Type: Farm
Location: Abdul Majeed Outhiyottil Egger Nursery West Kodiyathur
Latitude: 11.27895315
Longitude: 75.9792242
Start Date: 03/03/2020
End Date: 03/03/2020

Species: Birds
Measuring units: Animals
Susceptible: 13277
Cases: 2500
Deaths: 2500
Killed and disposed of: 0
Slaughtered: 0

Affected Population: Chickens

State: Kerala
Number of outbreaks: submitted=3, Draft=0
District: Mallapuram
Village/Block: Tirurangadi
Unit Type: Farm
Location: Beertankatty Valiya.Pedikakkal Palathingal Ward No.16, Parappanangadi
Latitude: 11.2076
Longitude: 75.8204
Start Date: 06/03/2020
End Date: 06/03/2020

Species: Birds
Measuring units: Animals
Susceptible: 3299
Cases: 7
Deaths: 7
Killed and disposed of: 3292
Slaughtered: 0

Affected Population: Chickens

Outbreak summary: Total outbreaks = 3 (Submitted)
Species: Birds
Susceptible: 20100
Cases: 2548
Deaths: 2548
Killed and disposed of: 3292
Slaughtered: 0

Epidemiology

Epidemiological comments

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

Measures applied
• movement control inside the country
• surveillance outside containment and/or protection zone
• official disposal of carcasses, by-products and waste
• stamping out
• disinfection
• no planned control measures

Animals treated

Applied

To be applied

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>OIE Reference Laboratory</td>
<td>ICAR-National Institute of High Security Animal Disease</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>12/03/2020</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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