follow-up report no.1

report reference: reference oie: 29300, report date: 22/01/2019, country: India

report summary

name of sender of the report
mr tarun shridhar

position
secretary

address
room no. 218, krishi bhawan, dr rajendra prasad road new delhi 11 0 001

telephone +91 11 23382608
fax +91 11 23388006
email secyad@nic.in

date submitted to oie 24/01/2019

animal type
terrestrial

disease
highly pathogenic avian influenza

causal agent
highly pathogenic avian influenza virus

serotype(s)
hsn1

date of start of the event 15/11/2018

date of confirmation of the event 19/12/2018

date of last occurrence 05/06/2018

date of report 22/01/2019

date of report to oie 24/01/2019

reason
recurrence of a listed disease

diagnosis
laboratory (advanced)

country or zone
the whole country

clinical signs
yes

number of reported outbreaks
submitted= 3, draft= 0

outbreak details

<table>
<thead>
<tr>
<th>state</th>
<th>number of outbreaks</th>
<th>district</th>
<th>village/block</th>
<th>unit type</th>
<th>location</th>
<th>latitude</th>
<th>longitude</th>
<th>start date</th>
<th>end date</th>
</tr>
</thead>
<tbody>
<tr>
<td>bihar- other report - submitted</td>
<td>-</td>
<td>munger</td>
<td>asarganj</td>
<td>backyard</td>
<td>gorabo</td>
<td>25.191151</td>
<td>86.62709</td>
<td>15/11/2018</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>species</th>
<th>measuring units</th>
<th>susceptible</th>
<th>cases</th>
<th>deaths</th>
<th>killed and disposed of</th>
<th>slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>birds</td>
<td>animals</td>
<td>705</td>
<td>117</td>
<td>117</td>
<td>588</td>
<td>0</td>
</tr>
</tbody>
</table>

affected population

<table>
<thead>
<tr>
<th>state</th>
<th>number of outbreaks</th>
<th>district</th>
<th>village/block</th>
<th>unit type</th>
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<th>latitude</th>
<th>longitude</th>
<th>start date</th>
<th>end date</th>
</tr>
</thead>
<tbody>
<tr>
<td>bihar- (this report - submitted)</td>
<td>-</td>
<td>munger</td>
<td>jamalpur</td>
<td>backyard</td>
<td>mubarakchak</td>
<td>25.365209</td>
<td>86.49232</td>
<td>15/12/2018</td>
<td></td>
</tr>
</tbody>
</table>

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<th>deaths</th>
<th>killed and disposed of</th>
<th>slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>birds</td>
<td>animals</td>
<td>2731</td>
<td>50</td>
<td>50</td>
<td>2681</td>
<td>0</td>
</tr>
</tbody>
</table>

affected population

<table>
<thead>
<tr>
<th>state</th>
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<th>unit type</th>
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<th>end date</th>
</tr>
</thead>
<tbody>
<tr>
<td>bihar- (this report - submitted)</td>
<td>-</td>
<td>banka</td>
<td>dboraiya</td>
<td>backyard</td>
<td>babura</td>
<td>25.08874</td>
<td>87.099517</td>
<td>03/01/2019</td>
<td></td>
</tr>
</tbody>
</table>

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<th>cases</th>
<th>deaths</th>
<th>killed and disposed of</th>
<th>slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>birds</td>
<td>animals</td>
<td>1315</td>
<td>7</td>
<td>7</td>
<td>1308</td>
<td>0</td>
</tr>
</tbody>
</table>

outbreak summary: total outbreaks = 3 (submitted)

<table>
<thead>
<tr>
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<th>cases</th>
<th>deaths</th>
<th>killed and disposed of</th>
<th>slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>birds</td>
<td>4751</td>
<td>174</td>
<td>174</td>
<td>4577</td>
<td>0</td>
</tr>
</tbody>
</table>

epidemiology

epidemiological comments

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

measures applied

applied | to be applied
Applied

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

To be applied

- no planned control measures

Animals treated

No

Vaccination Prohibited

Yes

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>National Institute of High Security Animal Disease</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>11/01/2019</td>
<td>Positive</td>
</tr>
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<td>OIE Reference Laboratory</td>
<td>National Institute of High Security Animal Disease</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>02/01/2019</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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