Follow-up report No.20

Report Summary

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Date submitted to OIE: 21/07/2017

Animal type: Terrestrial
Date of report: 21/07/2017

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 02/01/2017

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 19/01/2017

Serotype(s): H5N8
Diagnosis: Clinical, Laboratory (advanced)

Reason: New strain of a listed disease in the country
Clinical signs: Yes

Country or zone: a zone or compartment
Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details
Region: EXTREME-NORD
Number of outbreaks: 1
Département: Mayo-Sava
Arrondissement: Tokombéré
Unit Type: Not applicable
Location: Makilingaye
Latitude: 10.868145
Longitude: 14.239758
Start Date: 02/01/2017
End Date: 20/01/2017

Species: Indian Peafowl (Pavo cristatus)
Susceptible: 107
Cases: 103
Deaths: 103
Killed and disposed of: 4
Slaughtered: 0

Species: Birds
Susceptible: 24
Cases: 0
Deaths: 0
Killed and disposed of: 24
Slaughtered: 0

Affected Population: Exotic peacock farm with 107 adult and juvenile peacocks, ten adult and juvenile ducks and 14 village chickens.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Indian Peafowl
Susceptible: 107
Cases: 103
Deaths: 103
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Species: Birds
Susceptible: 24
Cases: 0
Deaths: 0
Killed and disposed of: 24
Slaughtered: 0

Epidemiology

Epidemiological comments:
Intensive surveillance is continuing, according to Law 006 of 16 April 2001 on animal health standards applying to livestock diseases legally considered as contagious and notifiable and according to the OIE Terrestrial Animal Health Code. Clinical and epidemiological investigations are conducted according to defined areas and risk factors based on the legal texts in force in each region. Movement control of poultry and of poultry products is strengthened.

Source of the outbreak(s) or origin of infection:
• Illegal movement of animals
• Introduction of new live animals

Measures applied

Applied: To be applied
• movement control inside the country
• screening
• quarantine
• official disposal of carcasses, by-products and waste
• stamping out
• zoning
• disinfection

Animals treated: Vaccination Prohibited

Diagnostic test results:
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>OIE Reference Laboratory</td>
<td>Experimental Zooprophylactic Institute (IZS), Venezie - Padova</td>
<td>Indian Peafowl</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td></td>
<td>Pending</td>
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<tr>
<td>OIE Reference Laboratory</td>
<td>Experimental Zooprophylactic Institute (IZS), Venezie - Padova</td>
<td>Indian Peafowl</td>
<td>virus sequencing</td>
<td></td>
<td>Pending</td>
</tr>
</tbody>
</table>

**Future Reporting**

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

Follow-up report No.: 20, Report reference: , OIE Ref: 24386, Report Date: 21/07/2017, Country: Cameroon