Immediate notification report
Report reference: REF OIE 26169, Report Date: 12/03/2018, Country: Pakistan

Report Summary
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Date submitted to OIE: 13/03/2018

Animal type: Terrestrial
Date of report: 12/03/2018

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 26/01/2018

Serotype(s): H5N8

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
Province: PUNJAB- (this report - submitted)
District: Lahore
Sub-district: Zoo
Unit Type: Lahore Zoo
Location: Lahore Zoo
Latitude: 31.55759
Longitude: 74.326079
Start Date: 26/01/2018
End Date: 02/02/2018

Species: Red-and-green Macaw: Psittacidae (Ara chloropterus)
Measuring units: Animals
Susceptible: 5
Cases: 2
Deaths: 2
Killed and disposed of: 0
Slaughtered: 0

Affected Population: The disease was observed in captive red-and-green macaws at the Lahore zoo.

Species summary: Total outbreaks = 1 (Submitted)
Species: Red-and-green Macaw
Susceptible: 5
Cases: 2
Deaths: 2
Killed and disposed of: 0
Slaughtered: 0

Epidemiology
Epidemiological comments:
The disease has been observed in captive macaws at the Lahore zoo. Movement control inside the zoo/caged area was implemented. Provincial livestock departments have been requested to scale-up field surveillance and reporting activities. The outbreak has concluded. However, general surveillance is ongoing and follow-up reports will be submitted.

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

Measures applied
Applied:
• movement control inside the country
• screening
• quarantine
• official disposal of carcasses, by-products and waste
• control of wildlife reservoirs
• disinfection

To be applied:
• surveillance outside containment and/or protection zone

Animals treated:
Vaccination Prohibited

Diagnostic test results
Laboratory Type: National laboratory
Name of Laboratory for Avian Influenza
Species: Red-and-green Macaw
Test Type: Polymerase chain reaction (PCR)
Date results provided: 02/02/2018
Result: Positive

Future Reporting

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