# Report Summary

**Name of sender of the report**
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**Position**
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**Date submitted to OIE**
13/11/2018

## Animal type
**Terrestrial**

## Disease
**Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)**

## Causal Agent
**Highly pathogenic influenza A virus**

## Serotype(s)
**H5N8**

## Diagnosis
**Clinical, Laboratory (advanced)**

## Reason
New strain of a listed disease in the country

## Country or zone
a zone or compartment

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

### Outbreak details

<table>
<thead>
<tr>
<th>Number of outbreaks</th>
<th>Province</th>
<th>Sub-district</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>Punjab-other report - submitted</td>
<td>Lahore</td>
<td></td>
<td>Zoo</td>
<td>Lahore Zoo</td>
<td>31.557759</td>
<td>74.326079</td>
<td>26/01/2018</td>
<td>02/02/2018</td>
</tr>
</tbody>
</table>

### Species

- **Red-and-green Macaw**
  - **Psittacidae (Ara chloropterus)**

<table>
<thead>
<tr>
<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>Animals</td>
<td>5</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

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

### Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red-and-green Macaw</td>
<td>5</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments
The disease was reported in captive game bird (Macaw) (non-commercial poultry) at Lahore Zoo. The game birds were destroyed under the supervision of state zoo veterinarian and Stamping out policy was observed. The premises were cleaned/disinfected and surveillance of the outbreak and epidemiological investigations have completed. No further outbreaks of Avian influenza have been reported/recorded since 02 February, 2018. More than three-month have elapsed since cleaning and disinfection of the last outbreak. Pakistan’s status as free from highly pathogenic avian influenza (HPAI) has not been affected by this outbreak in wild bird, in accordance with point 8 of Article 10.4.1. of the OIE Terrestrial Animal Health Code. Therefore, a Member Country should not impose bans on the trade in poultry and poultry commodities in response to such a notification, or other information on the presence of any influenza A virus in birds other than poultry, including wild birds.

#### 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
  - screening
  - quarantine
  - official disposal of carcasses, by-products and waste
  - control of wildlife reservoirs
  - disinfection

- **To be applied**
  - no planned control measures

### Animals treated
- **Vaccination Prohibited**

### Future Reporting
The report and all its outbreaks have been resolved.

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Outbreak maps