Immediate notification report

Report Summary

Name of sender of the report: Dr Thomas Sit  
Position: Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)  
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Fax: 852 2199 7050  
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Date submitted to OIE: 16/04/2018

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): H5N6

Reason: Recurrence of a listed disease

Country or zone: the whole country

Date of report: 15/04/2018

Date of start of the event: 07/04/2018

Date of confirmation of the event: 12/04/2018

Date of last occurrence: 04/04/2018

Reason: Laboratory (advanced)

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

Outbreak details

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>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>Hong Kong (this report - submitted)</td>
<td>-</td>
<td>Yau Tsim Mong District</td>
<td>Other</td>
<td>Yuen Po Street Bird Garden, Mong Kok</td>
<td>22.3259</td>
<td>114.1739</td>
<td>07/04/2018</td>
<td></td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
-----|-----------------|-------------|-------|--------|------------------------|-------------|
Birds | Animals | 2834 | 1 | 0 | 2834 | 0 |

Affected Population: A sample collected from a bird cage holding Hill Mynas in a pet bird shop on 7 April 2018 tested positive for H5N6 highly pathogenic avian influenza (HPAI) virus.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
-----|-------------|-------|--------|------------------------|-------------|
Birds | 2834 | 1 | 0 | 2834 | 0 |

Epidemiology

Epidemiological comments:
An avian influenza intensive surveillance system is in place for all poultry farms, poultry markets, and pet bird shops in Hong Kong. A sample collected from a pet bird shop during routine surveillance on 7 April 2018 tested positive for H5N6 highly pathogenic influenza A virus. A total of 2,834 pet birds were removed from the shop, culled and disposed of on 13 April 2018. The Yuen Po Street Bird Garden where the pet bird shop was located will be closed for 21 days. No spread of disease is evident. Neither the Hong Kong Wetland Park nor Mai Po Nature Reserve nor any poultry farms are located within three kilometres of the outbreak location.

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  
• surveillance within containment and/or protection zone  
• screening  
• official disposal of carcasses, by-products and waste  
• stamping out  
• zoning  
• disinfection  

To be applied: • no planned control measures

Animals treated:
Vaccination Prohibited

Diagnostic test results:

Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result |
----------------|--------------------|---------|-----------|----------------------|--------|

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<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>Regional Reference Laboratory</td>
<td>Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong</td>
<td>Birds</td>
<td>gene sequencing</td>
<td></td>
<td>Pending</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>National Influenza Centre, Centre for Health Protection, Department of Health</td>
<td>Birds</td>
<td>gene sequencing</td>
<td></td>
<td>Pending</td>
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<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>12/04/2018</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Birds</td>
<td>virus isolation</td>
<td>12/04/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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