Report Summary

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Date submitted to OIE: 18/01/2017

Animal type: Terrestrial  
Date of report: 18/01/2017  
Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)  
Date of start of the event: 01/01/2017  
Causal Agent: Highly pathogenic influenza A virus  
Date of confirmation of the event: 16/01/2017  
Serotype(s): H5N8  
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced)

Reason: New strain of a listed disease  
Clinical signs: Yes

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

Outbreak details

Province | Number of outbreaks | City | County | Unit Type | Location | Latitude | Longitude | Start Date | End Date:
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
HUBEI - (this report - submitted) | - | Zoo | Wuhan | | 30.56 | 114.26 | 01/01/2017 | 01/01/2017 |

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Black Swan - Anatidae(Cygnus atratus) | Animals | 314 | 99 | 99 | 215 | 0

Affected Population: The affected population is a flock of domesticated black swans in Wuhan City Zoo, in Hubei Province.

Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Swan</td>
<td>314</td>
<td>99</td>
<td>99</td>
<td>215</td>
<td>0</td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments
Local poultry was visited, no abnormal event was found.
Source of the outbreak(s) or origin of infection
- Unknown or inconclusive

Measures applied
- disinfection / disinfestation
- stamping out
- control of wildlife reservoirs
- no planned control measures

Animals treated: Vaccination Prohibited

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>Harbin National Avian Influenza Reference Laboratory</td>
<td>Black Swan</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>16/01/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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