**Follow-up report No.: 12**

**Report reference:** , OIE Ref: 6905, **Report Date:** 16/03/2008, **Country:** China (People’s Rep. of)

### Report Summary

**Disease**
Highly pathogenic avian influenza

**Animal type**
Terrestrial

**Causal Agent**
Highly pathogenic avian influenza virus

**Serotype(s)**
H5N1

**Clinical Signs**
Yes

**Reason**
Reoccurrence of a listed disease

**Date of first confirmation of the event**
19/04/2006

**Date of Start of Event**
13/04/2006

**Date of report**
16/03/2008

**Date Submitted To OIE**
16/03/2008

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

**Date Of Last Occurrence**
03/2006

**Number Of Reported Outbreaks**
Submitted= 15, Draft= 0

**Name of Sender of the report**
Mr Jia Youling

**Address**
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**Position**
National Chief Veterinary Officer

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**Email**
xmjwjch@agri.gov.cn

**Entered by**
Mme Margarita Alonso

### Outbreak (other report - submitted)

**LIAONING**

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>—</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
a magpie found dead

### Outbreak (other report - submitted)

**LIAONING**

<table>
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<tr>
<th>Species</th>
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<tbody>
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<td>Wild species</td>
<td>Animals</td>
<td>—</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
a wild duck found dead

### Outbreak (other report - submitted)

**QINGHAI**

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>—</td>
<td>533</td>
<td>533</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Printed on:** Mon Mar 17 18:45:42 Paris, Madrid 2008
### Affected Population

404 bar-headed geese, 3 brown-headed gulls, 4 ruddy shelducks, 1 tern, 6 grebes, 1 egret, 2 goosanders, 2 Casmerodius.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIBET</td>
<td>Naqu (district)</td>
<td>31.9376</td>
<td>89.2637</td>
<td>21/05/2006</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- Measuring units: 
- Susceptible: Animals
- Cases: 2579
- Deaths: 2579
- Destroyed: 0
- Slaughtered: 0

### Affected Population

300 bar-headed geese, 65 widgeons, 6 crows, 6 hawks, 1 black-necked crane and 82 other wild birds.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>GINGHAI</td>
<td>Guolou (district)</td>
<td>35.3008</td>
<td>96.4995</td>
<td>21/05/2006</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 451
- Cases: 451
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

### Affected Population

235 bar-headed geese, 5 brown-headed gulls, 23 ruddy shelducks, 9 grebes, 3 owls, 1 black-neck crane, 6 common cormorants, 1 grassland vulture and 2 condors.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIBET</td>
<td>Lhasa</td>
<td>31.6319</td>
<td>88.3465</td>
<td>26/05/2006</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 28
- Cases: 28
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

### Affected Population

Migratory birds

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIBET</td>
<td>Dangxiong</td>
<td>31.7338</td>
<td>87.2254</td>
<td>26/05/2006</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 57
- Cases: 57
- Deaths: 0
- Destroyed: 0
- Slaughtered: 0

### Affected Population

Migratory birds

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIBET</td>
<td>Lhasa Village</td>
<td>29.75</td>
<td>91</td>
<td>01/03/2007</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- Measuring units: Animals
- Susceptible: 7670
- Cases: 680
- Deaths: 6990
- Destroyed: 0
- Slaughtered: 0

### Affected Population

chickens

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Location</th>
<th>Species</th>
<th>Measuring units</th>
<th>Lat</th>
<th>Long</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUNAN</td>
<td>Birds</td>
<td>Animals</td>
<td>28.02</td>
<td>109.54</td>
<td>12/05/2007</td>
<td>09/06/2007</td>
</tr>
<tr>
<td>GUANGDONG</td>
<td>Birds</td>
<td>Animals</td>
<td>23.05</td>
<td>113.42</td>
<td>05/09/2007</td>
<td></td>
</tr>
<tr>
<td>XINJIANG</td>
<td>Birds</td>
<td>Animals</td>
<td>42.94</td>
<td>89.18</td>
<td>29/12/2007</td>
<td></td>
</tr>
<tr>
<td>TIBET</td>
<td>Birds</td>
<td>Animals</td>
<td>29.29</td>
<td>90.56</td>
<td>06/02/2008</td>
<td></td>
</tr>
</tbody>
</table>

Affected Population:
- HUNAN: ducklings
- GUANGDONG: ducks
- XINJIANG: broiler chickens
- TIBET: 10,080 broilers and 4,000 ducks
### Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered

| Birds | Animals | 238364 | 3993 | 3993 | 234371 | 0 |

**Affected Population**: Chicken

### Outbreak (this report - submitted)

#### GUANGDONG

<table>
<thead>
<tr>
<th>Location</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guangzhou</td>
<td>13/03/2008</td>
<td></td>
</tr>
<tr>
<td>Liwan</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Affected Population

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>662</td>
<td>144</td>
<td>144</td>
<td>516</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: Chickens

#### Outbreak summary: Total outbreaks = 15 (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>Wild species</td>
<td>3650</td>
<td>3650</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Birds</td>
<td>356137</td>
<td>33157</td>
<td>31801</td>
<td>324336</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

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

### Control Measures

**Applied**

- Stamping out
- Quarantine
- Movement control inside the country
- Screening
- Zoning
- Disinfection of infected premises/establishment(s)
- Dipping / Spraying

**To be applied**

- No Planned Control Measures

**Vaccination Prohibited**

- No

### Vaccination in response to outbreak

#### GUANGDONG

<table>
<thead>
<tr>
<th>Species</th>
<th>Number Vaccinated</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>85512</td>
<td>Reassortant Avian Influenza Virus Vaccine, inactivated (H5N1 Subtype, Re-l strain)</td>
</tr>
</tbody>
</table>

### Country / Zone

**Country or zone**

- the whole country

### 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>National laboratory</td>
<td>Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences (National Reference Laboratory for avian Influenza)</td>
<td>Birds</td>
<td>reverse transcription – polymerase chain reaction (RT-PCR)</td>
<td>16/03/2008</td>
<td>Positive</td>
</tr>
</tbody>
</table>
### Future Reporting

What further reports will be submitted in relation to this event?

There are 12 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

### Outbreak map

![Outbreak map of China (People's Rep. of)](image)