Follow-up report No.: 11

Report Summary

Disease: Highly pathogenic avian influenza
Animal type: Terrestrial
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1
Clinical Signs: Yes
Reason: Recurrence 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: 25/02/2008
Date Submitted To OIE: 25/02/2008
Diagnosis: Clinical, Laboratory (advanced), Necropsy
Date Of Last Occurrence: 03/2006
Number Of Reported Outbreaks: Submitted= 14, Draft= 0
Name of Sender of the report: Mr. Jia Youling
Address: Ministry of Agriculture, BEIJING
Position: National Chief Veterinary Officer
Telephone: (86-10) 641 928 33 / 641 928 28
Fax: (86-10) 641 924 68 ou 928 69
Email: xmjwjch@agri.gov.cn
Entered by: Mme Maria Cristina Ramirez

Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Location</th>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Panjin</td>
<td>Wild species</td>
<td>Animals</td>
<td>39</td>
<td>121</td>
<td>13/04/2006</td>
<td>13/04/2006</td>
<td>1</td>
</tr>
<tr>
<td>Jinzhou</td>
<td>Wild species</td>
<td>Animals</td>
<td>39.1</td>
<td>121.7</td>
<td>13/04/2006</td>
<td>13/04/2006</td>
<td>1</td>
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<tr>
<td>Yushu (county)</td>
<td>Wild species</td>
<td>Animals</td>
<td>35.6065</td>
<td>95.8881</td>
<td>23/04/2006</td>
<td>533</td>
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Affected Population:
- a magpie found dead
- a wild duck found dead

Outbreak (other report - submitted)

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Affected Population:
- a magpie found dead
- a wild duck found dead
### Affected Population

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

- **TIBET**
  - Species: 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.

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

### Outbreak (other report - submitted)

#### QINGHAI

<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>Not applicable</td>
<td>Guolou (district)</td>
<td>35,3028</td>
<td>96.4956</td>
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</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>451</td>
<td>451</td>
<td>0</td>
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<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Naqu (district)</td>
<td>31,9376</td>
<td>89.2637</td>
<td>21/05/2006</td>
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</tr>
</tbody>
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<tbody>
<tr>
<td>Lhasa (Village)</td>
<td>Chengguan</td>
<td>29,75</td>
<td>91</td>
<td>01/03/2007</td>
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<tr>
<td>Birds</td>
<td>Animals</td>
<td>76/70</td>
<td>680</td>
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<td>6990</td>
<td>0</td>
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<tr>
<td>Lhasa (Village)</td>
<td>Dangxiong</td>
<td>31,7338</td>
<td>87,2254</td>
<td>26/05/2006</td>
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<td>...</td>
<td>57</td>
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<td>0</td>
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### Outbreak (other report - submitted)

**Hunan**
- **Unit Type**: Tuojiang
- **Location**: Shijiping
- **Latitude**: 28.02
- **Longitude**: 109.54
- **Start**: 12/05/2007
- **End**: 09/06/2007
- **Species**: Birds
- **Susceptible**: 20800
- **Cases**: 12480
- **Deaths**: 11172
- **Destroyed**: 9628
- **Slaughtered**: 0
- **Affected Population**: ducklings

**Guangdong**
- **Unit Type**: Panyu
- **Location**: Sixian
- **Latitude**: 23.05
- **Longitude**: 113.42
- **Start**: 05/09/2007
- **Species**: Birds
- **Susceptible**: 32630
- **Cases**: 9830
- **Deaths**: 9830
- **Destroyed**: 22800
- **Slaughtered**: 0
- **Affected Population**: ducks

**Xinjiang**
- **Unit Type**: Tulufan
- **Location**: Putao
- **Latitude**: 42.94
- **Longitude**: 89.18
- **Start**: 29/12/2007
- **Species**: Birds
- **Susceptible**: 34233
- **Cases**: 4850
- **Deaths**: 4850
- **Destroyed**: 29383
- **Slaughtered**: 0
- **Affected Population**: broiler chickens

**Tibet**
- **Unit Type**: Lhasa
- **Location**: Se Ma
- **Latitude**: 29.38
- **Longitude**: 90.56
- **Start**: 06/02/2008
- **Species**: Birds
- **Susceptible**: 7698
- **Cases**: 180
- **Deaths**: 132
- **Destroyed**: 7566
- **Slaughtered**: 0
- **Affected Population**: 10080 broilers and 400 ducks

### Outbreak (other report - submitted)

**Guizhou**
- **Unit Type**: Zunyi
- **Location**: Beiyuan community
- **Latitude**: 28.33
- **Longitude**: 107.26
- **Start**: 17/02/2008

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Page 3/5
Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 238364 | 3993 | 3993 | 234371 | 0

**Affected Population**

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</thead>
<tbody>
<tr>
<td>Wild species</td>
<td></td>
<td>3650</td>
<td>3650</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td></td>
<td>355475</td>
<td>33013</td>
<td>31657</td>
<td>323818</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

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

### Control Measures

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

**To be applied**

- No Planned Control Measures

**Vaccination Prohibited**

- No

### Country / Zone

<table>
<thead>
<tr>
<th>Country or zone</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>the whole country</td>
<td></td>
</tr>
</tbody>
</table>

### Vaccination in response to outbreak

**Species**

- Birds

**Number Vaccinated**

- 85512

**Details**

- Reassortant Avian Influenza Virus Vaccine, inactivated (H5N1 Subtype, Re-l strain)

### 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>intravenous pathogenicity index (IVPI) test</td>
<td>25/02/2008</td>
<td>Positive</td>
</tr>
<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>real-time PCR</td>
<td>25/02/2008</td>
<td>Positive</td>
</tr>
<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>haemagglutination inhibition test (HIT)</td>
<td>25/02/2008</td>
<td>Positive</td>
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### Future Reporting

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

- There are 11 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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