

## Follow-up report No.: 4

Report reference: , OIE Ref: 11951, Report Date: 14/05/2012, Country: Chinese Taipei

### Report Summary

|  |  |                                     |   |
|--|--|-------------------------------------|---|
| <b>Disease</b>                                 | Highly pathogenic avian influenza                    | <b>Animal type</b>                  | Terrestrial                                       |
| <b>Causal Agent</b>                            | Highly pathogenic avian influenza virus              | <b>Serotype(s)</b>                  | H5N2  |
| <b>Clinical Signs</b>                          | Yes  | <b>Reason</b>                       | First occurrence of a listed disease              |
| <b>Date of first confirmation of the event</b> | 13/02/2012   | <b>Date of Start of Event</b>       | 07/02/2012  |
| <b>Date of report</b>                          | 14/05/2012   | <b>Date Submitted To OIE</b>        | 14/05/2012  |
| <b>Diagnosis</b>                               | Clinical, Laboratory (advanced)                      | <b>Number Of Reported Outbreaks</b> | Submitted= 5, Draft= 0                            |
| <b>Name of Sender of the report</b>            | Dr Kwo-Ching Huang                                   | <b>Address</b>                      | 9F,51 Chung-Ching South Road,Section 2 Taipei 100 |
| <b>Position</b>                                | Chief Veterinary Officer and Deputy Director General | <b>Telephone</b>                    | +886 2 23 43 14 64                                |
| <b>Fax</b>                                     | +886 2 23 43 14 54                                   | <b>Email</b>                        | delegate@mail.baphiq.gov.tw                       |
| <b>Entered by</b>                              | Dr Kwo-Ching Huang                                   |                                     |   |

### Outbreak (other report - submitted)

| Prefecture/City            | Unit Type       | Location          | Latitude  | Longitude  | Start date | End Date    |
|----------------------------|-----------------|-------------------|-----------|------------|------------|-------------|
| T'AI-NAN                   | Farm            | Liou-Jia District | 23,245846 | 120,309696 | 07/02/2012 |             |
| Species                    | Measuring units | Susceptible       | Cases     | Deaths     | Destroyed  | Slaughtered |
| Birds                      | Animals         | 4840              | 804       | 804        | 4036       | 0           |
| <b>Affected Population</b> |                 | Broiler breeder   |           |            |            |             |

### Outbreak (other report - submitted)

| Prefecture/City            | Unit Type       | Location       | Latitude  | Longitude  | Start date | End Date    |
|----------------------------|-----------------|----------------|-----------|------------|------------|-------------|
| CHANG-HUA                  | Farm            | Fang-Yuan      | 23,909667 | 120,359983 | 22/02/2012 |             |
| Species                    | Measuring units | Susceptible    | Cases     | Deaths     | Destroyed  | Slaughtered |
| Birds                      | Animals         | 9625           | 318       | 318        | 9307       | 0           |
| <b>Affected Population</b> |                 | Native chicken |           |            |            |             |

### Outbreak (other report - submitted)

| Prefecture/City | Unit Type       | Location          | Latitude | Longitude | Start date | End Date    |
|-----------------|-----------------|-------------------|----------|-----------|------------|-------------|
| CHANG-HUA       | Farm            | Chu-Tang Township | 23,86028 | 120,42694 | 05/03/2012 |             |
| Species         | Measuring units | Susceptible       | Cases    | Deaths    | Destroyed  | Slaughtered |
| Birds           | Animals         | 8647              | 426      | 426       | 8221       | 0           |

|                     |               |
|---------------------|---------------|
| Affected Population | Layer chicken |
|---------------------|---------------|

### Outbreak (other report - submitted)

| Prefecture/City     | Unit Type       | Location                      | Latitude  | Longitude  | Start date | End Date    |
|---------------------|-----------------|-------------------------------|-----------|------------|------------|-------------|
| PING-TUNG           | Not applicable  | Yen-Pu Township               | 22,727691 | 120,534825 | 15/03/2012 |             |
| Species             | Measuring units | Susceptible                   | Cases     | Deaths     | Destroyed  | Slaughtered |
| Birds               | Animals         | 7747                          | 99        | 99         | 7648       | 0           |
| Affected Population |                 | Native chicken at an abattoir |           |            |            |             |

### Outbreak (this report - submitted)

| Prefecture/City     | Unit Type       | Location          | Latitude  | Longitude  | Start date | End Date    |
|---------------------|-----------------|-------------------|-----------|------------|------------|-------------|
| YUN-LIN             | Farm            | Bei-Gang Township | 23,555863 | 120,284898 | 07/05/2012 |             |
| Species             | Measuring units | Susceptible       | Cases     | Deaths     | Destroyed  | Slaughtered |
| Birds               | Animals         | 15461             | 6500      | 3850       | 11611      | 0           |
| Affected Population |                 | Native chicken    |           |            |            |             |

### Outbreak summary: Total outbreaks = 5 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds   | 46320       | 8147  | 5497   | 40823     | 0           |

### Epidemiology

| Epidemiological comments   |
|--|
| Clinical cases were notified by the veterinarian and abnormal mortality rate was noticed. The local disease control center (LDCC) conducted movement restrictions, clinical inspection, epidemiological investigation and sampling on the farm. The results of RT-PCR test and HA0 cleavage site sequencing are considered as H5N2 HPAI. Clinical and epidemiological investigation of surrounding poultry farms was conducted. No other case or evidence of infection was detected. |

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

### Control Measures

|         |  |               |                               |
|---------|--|---------------|-------------------------------|
| Applied | <ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Zoning</li> <li>• Disinfection of infected premises/establishment(s)</li> </ul> | To be applied | • No Planned Control Measures |
|         | Animals treated  | No            | Vaccination Prohibited        |

### Country / Zone

|                 |                   |
|-----------------|-------------------|
| Country or zone | the whole country |
|-----------------|-------------------|

## Diagnostic test results

| Laboratory Type     | Name of Laboratory               | Species | Test Type  | Date Results Provided | Result   |
|---------------------|----------------------------------|---------|--|-----------------------|----------|
| National laboratory | Animal Health Research Institute | Birds   | gene sequencing  | 11/05/2012            | Positive |
| National laboratory | Animal Health Research Institute | Birds   | reverse transcription - polymerase chain reaction (RT-PCR) | 09/05/2012            | Positive |

## Future Reporting

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

There are 5 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.

## Outbreak maps

