

Immediate notification report

Report reference: 15-1 H5N2 LPAI REF OIE 17494, Report Date: 22/04/2015, Country : Chinese Taipei

Report Summary

| | | | |
|-------------------------------------|---|------------------------------|-----------------------------|
| Name of sender of the report | Dr Ping-Cheng Yang | Telephone | +886 3 518 5023 |
| Position | Vice President | Fax | +886 3 518 5030 |
| Address | No.1, Lane 51, Dahu Rd., Xiangshan Dist. Hsinchu City 300 | Email | delegate@mail.baphiq.gov.tw |
| | | Date submitted to OIE | 22/04/2015 |

| | | | |
|-------------------------------------|--|--|---------------------------------|
| Animal type | Terrestrial | Date of report | 22/04/2015 |
| Disease | Low pathogenic avian influenza (poultry) | Date of start of the event | 12/01/2015 |
| Causal Agent | Low pathogenic avian influenza virus | Date of confirmation of the event | 14/01/2015 |
| Serotype(s) | H5N2 | Date of last occurrence | 2014 |
| Reason | Reoccurrence of a listed disease | Diagnosis | Clinical, Laboratory (advanced) |
| Country or zone | a zone or compartment | Clinical signs | Yes |
| Number of reported outbreaks | submitted= 7, Draft= 0 | | |

Outbreak details

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|--------------|---------------|------------------|--------------------|-----------|------------|-----------|
| TAINAN CITY- (this report - submitted) | - | | | Farm | Yanshui District | 23.3305 | 120.272 | 12/01/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 17400 | ... | 10738 | 6662 | 0 | | | |
| Affected Population | Chickens (tn-3) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|--------------|---------------|------------------|--------------------|-----------|------------|-----------|
| PINGTUNG COUNTY- (this report - submitted) | - | | | Farm | Wanluan Township | 22.5823 | 120.61 | 13/01/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 50940 | ... | 11660 | 39280 | 0 | | | |
| Affected Population | Chickens (pt-26) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|--------------|---------------|-------------------|--------------------|-----------|------------|-----------|
| CHIAYI COUNTY- (this report - submitted) | - | | | Farm | Liujiiao Township | 23.5269 | 120.273 | 26/01/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 41700 | ... | 6300 | 35400 | 0 | | | |
| Affected Population | Chickens (cy-57) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|--------------|---------------|------------------|--------------------|-----------|------------|-----------|
| YUNLIN COUNTY- (this report - submitted) | - | | | Farm | Mailiao Township | 23.7412 | 120.267 | 29/01/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 51000 | ... | 13013 | 37987 | 0 | | | |
| Affected Population | Chickens (yl-314) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|--------------------------|--------------------|--------------|---------------|------------------|--------------------|-----------|------------|-----------|
| TAINAN CITY- (this report - submitted) | - | | | Farm | Baihe Township | 23.3315 | 120.452 | 07/02/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 12600 | ... | 2652 | 9348 | 0 | | | |
| Affected Population | Native chickens (tn-102) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|--------------------------|-------------|--------------|-----------|-------------------|-------------|-----------|------------|-----------|
| PINGTUNG COUNTY- (this report - submitted) | - | | | Farm | Chaozhou Township | 22.6772 | 120.555 | 09/02/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 24500 | ... | 4903 | 19597 | 0 | | | |
| Affected Population | Native chickens (pt-145) | | | | | | | | |

| Prefecture/City | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|-------------------------|-------------|--------------|-----------|------------------|-------------|-----------|------------|-----------|
| CHANGHUA COUNTY- (this report - submitted) | - | | | Farm | Zhutang Township | 23.8488 | 120.433 | 25/02/2015 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Birds | Animals | 46300 | ... | 26053 | 20247 | 0 | | | |
| Affected Population | Native chickens (ch-43) | | | | | | | | |

Outbreak summary: Total outbreaks = 7 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds | 244440 | | 75319 | 168521 | 0 |

Epidemiology

Epidemiological comments

Abnormal mortalities were observed in 7 poultry farms in Changhua County, Yunlin County, Chiayi County, Tainan City and Pingtung County. Samples were sent to the national Laboratory, the Animal Health Research Institute (AHRI) for diagnosis. H5N2 subtype low pathogenic avian influenza (LPAI) was confirmed by AHRI. These farms have been put under movement restrictions. The pathogenicity of the virus has been subsequently confirmed by national laboratory as low pathogenic (less than 75% mortality of the tested chickens) on 1st April 2015. All animals on the infected farms have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation. Surrounding poultry farms within 3 km radius of infected farms are under intensified surveillance for 3 months.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

| Applied | To be applied |
|--|---|
| <ul style="list-style-type: none"> • stamping out • quarantine • movement control inside the country • screening • zoning • disinfection of infected premises/establishment(s) | <ul style="list-style-type: none"> • no planned control measures |
| Animals treated | Vaccination Prohibited |
| No | Yes |

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|---------------------|---|---------|-----------------|-----------------------|----------|
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 02/03/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 12/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 10/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 01/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 29/01/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 18/01/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | gene sequencing | 15/01/2015 | Positive |

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|---------------------|---|---------|--|-----------------------|----------|
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 28/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 11/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 09/02/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 31/01/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 28/01/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 16/01/2015 | Positive |
| National laboratory | Animal Health Research Institute (AHRI) | Birds | reverse transcription - polymerase chain reaction (RT-PCR) | 14/01/2015 | Positive |

Future Reporting

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

Outbreak maps

