

Follow-up report No.: 4

Report reference: , OIE Ref: 4572, Report Date: 21/01/2007, Country: Korea (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 listed disease |
| Date of confirmation of Event | 20/01/2007 | Date of Start of Event | 19/01/2007 |
| Date of report | 21/01/2007 | Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced) |
| Date of last occurrence | 20/03/2004 | Number of reported outbreaks | Submitted= 5, Draft= 0 |
| Name of Sender of the report | Mr Chang-Seob Kim | Address | #1, Joongang-Dong SEOUL |
| Position | Director, Animal Health Division | Telephone | 82-2 500 1932 |
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| Entered by | Mr Chang-Seob Kim | | |

Outbreak (this report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|----------------------------|-----------------|---------------------------------|-----------|--------------|-----------|-------------|------------|-----|
| CH'UNGCH'ONG-NAMDO | Cheon-An city | | Farm | Poongse-myun | 36,44566 | 127,070025 | 19/01/2007 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 30000 | 157 | 157 | 0 | 0 | | |
| Affected Population | | 32-week-old laying chicken farm | | | | | | |

Outbreak (other report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|----------------------------|-----------------|-------------------------------|-----------|----------------|-----------|-------------|------------|-----|
| CH'UNGCH'ONG-NAMDO | Asan | | Farm | Tangjeong-myun | 36,80365 | 126,98864 | 11/12/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 9146 | 0 | 0 | 9146 | 0 | | |
| Affected Population | | a parent stock farm for ducks | | | | | | |

Outbreak (other report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|--------------|-----------------|--------------|-----------|--------------|-----------|-------------|------------|-----|
| CHOLLA-BUKDO | Kimje | | Farm | Gongduk-myun | 35,944 | 126,955 | 10/12/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 295000 | 3000 | 3000 | 292000 | 0 | | |

| | |
|----------------------------|---------------------|
| Affected Population | a laying quail farm |
|----------------------------|---------------------|

Outbreak (other report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|----------------------------|-----------------|--|-----------|-----------------|-----------|-------------|------------|-----|
| CHOLLA-BUKDO | Iksan | | Farm | Hwangdeung-myun | 35,99026 | 126,91811 | 27/11/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 12000 | 600 | 600 | 11400 | 0 | | |
| Affected Population | | a parent stock farm for broiler chickens | | | | | | |

Outbreak (other report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|----------------------------|-----------------|---|-----------|--------------|-----------|-------------|------------|-----|
| CHOLLA-BUKDO | Iksan | | Farm | Hamyeol-myun | 35,943 | 126,954 | 22/11/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 13200 | 6000 | 6000 | 7200 | 0 | | |
| Affected Population | | a parent stock farm for broiler chickens (45 weeks old) | | | | | | |

Outbreak summary: Total outbreaks = 5 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds | 359346 | 9757 | 9757 | 319746 | 0 |

Epidemiology

Epidemiological comments

The 5th affected farm is located in the surveillance zone which had been established in Asan (Ch'ungch'ong-Namdo) due to the HPAI outbreak on 11 December 2006. The stamping-out of the susceptible animals reared in the 3-km-radius zone around the affected farm will be conducted. Movement restrictions were applied to the affected farm and other farms within the 10-km-radius zone around the affected farm. The eggs laid and stored in the affected farm will be destroyed.

Source of Infection • Unknown or inconclusive

Control Measures

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

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 | National Veterinary Research & Quarantine Service | Birds | virus sequencing | 25/11/2006 | Positive |
| National laboratory | National Veterinary Research & Quarantine Service | Birds | neuraminidase inhibition assay | 24/11/2006 | Positive |
| National laboratory | National Veterinary Research & Quarantine Service | Birds | haemagglutination inhibition test (HIT) | 23/11/2006 | Positive |
| National laboratory | National Veterinary Research & Quarantine Service | Birds | polymerase chain reaction (PCR) | 22/11/2006 | 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.

Outbreak map

