## Report Summary

**Name of sender of the report:** Dr TaeYung Kim  
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**Position:** Director General  
**Fax:** +82-44-868-0628

**Address:** 94, Dasom 2-RO, Sejong-Si, Republic of Korea, 339-012  
**Email:** kimty5749@korea.kr

**Date submitted to OIE:** 27/01/2014

**Animal type:** Terrestrial  
**Date of report:** 25/01/2014

**Disease:** Highly pathogenic avian influenza  
**Date of start of the event:** 16/01/2014

**Causal Agent:** Highly pathogenic avian influenza virus  
**Date of pre-confirmation of the event:** 16/01/2014

**Serotype(s):** H5N8  
**Date of last occurrence:** 26/05/2011

**Reason:** Reoccurrence of a listed disease  
**Diagnosis:** Laboratory (advanced)

**Country or zone:** a zone or compartment  
**Clinical signs:** Yes

**Number of reported outbreaks:** submitted= 6, Draft= 0

### Outbreak details

**Province** | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
JEOLLABUK-DO- (this report - submitted) | - | Gochang-gun | Silim-myeon | Farm | 488, Murim-ri | 35.49265 | 126.7089845 | 16/01/2014 |  |

**Species** | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 21180 | 10 | 7 | 21173 | 0 |

**AFFECTED POPULATION**  
Breeding ducks

**Province** | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
JEOLLABUK-DO- (this report - submitted) | - | Buan-gun | Julpo-myeon | Farm | 488, Sin-ri | 35.5908307 | 126.7042137 | 17/01/2014 |  |

**Species** | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 6500 | 120 | 120 | 6380 | 0 |

**AFFECTED POPULATION**  
Ducks for meat

**Province** | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
JEOLLABUK-DO- (this report - submitted) | - | Buan-gun | Julpo-myeon | Farm | 748, Sin-ri | 35.5787901 | 126.7026635 | 18/01/2014 |  |

**Species** | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 9200 | 340 | 340 | 8860 | 0 |

**AFFECTED POPULATION**  
Ducks for meat

**Province** | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
JEOLLABUK-DO- (this report - submitted) | - | Gochang-gun | Haeri-myeon | Farm | 1241, Saban-ri | 35.4780409 | 126.4991109 | 21/01/2014 |  |

**Species** | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 11200 | 20 | 20 | 11180 | 0 |

**AFFECTED POPULATION**  
Ducks for meat

**Province** | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
JEOLLANAM-DO- (this report - submitted) | - | Songji-myeon | Haenam-gun | Farm | 1621-1, Mabong-ri | 34.3651362 | 126.5543675 | 23/01/2014 |  |

**Species** | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- | --- |
Birds | Animals | 12500 | 1700 | 1700 | 10800 | 0 |
### Province

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHUNGCHEONGNAM-DO- (this report submitted)</td>
<td>-</td>
<td>Buyeo-gun</td>
<td>Hongsan-myeon</td>
<td>Farm</td>
<td>438-10, Bukchon-ri</td>
<td>36.2072414</td>
<td>126.7714696</td>
<td>23/01/2014</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- **Species**: breeding ducks
- **Affected Population**: breeding ducks

### Outbreak summary: Total outbreaks = 6 (Submitted)

<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>
</table>

| Birds | Animals | 22000 | 100 | 100 | 21900 | 0 |

### Epidemiology

#### Epidemiological comments

In addition, the Veterinary authority of the Republic of Korea is proceeding to diagnose five farms (chickens and ducks) samples for avian influenza detection. The authority is still implementing epidemiological survey.

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• control of wildlife reservoirs</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• stamping out</td>
<td></td>
</tr>
<tr>
<td>• quarantine</td>
<td></td>
</tr>
<tr>
<td>• movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
<tr>
<td>• disinfection of infected premises/establishment(s)</td>
<td></td>
</tr>
</tbody>
</table>

### Animals treated

<table>
<thead>
<tr>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

### 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>Animal and Plant Quarantine Agency</td>
<td>Birds</td>
<td>virus sequencing</td>
<td>26/01/2014</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal and Plant Quarantine Agency</td>
<td>Birds</td>
<td>virus isolation</td>
<td>26/01/2014</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal and Plant Quarantine Agency</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>26/01/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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

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Follow-up report No.: 1, Report reference: , OIE Ref: 14692, Report Date: 25/01/2014, Country: Korea (Rep. of)