# Immediate notification report

**Report reference:** BHT_HPAI_2018_001 REF OIE 26166, **Report Date:** 13/03/2018, **Country:** Bhutan

## Report Summary

**Name of sender of the report:** Dr Tashi Samdup  
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**Date submitted to OIE:** 13/03/2018

- **Animal type:** Terrestrial  
- **Disease:** Highly pathogenic avian influenza  
- **Causal Agent:** Highly pathogenic avian influenza virus  
- **Serotype(s):** H5N1  
- **Reason:** Recurrence of a listed disease

### Outbreak details

<table>
<thead>
<tr>
<th>District</th>
<th>Number of outbreaks</th>
<th>Sub-district</th>
<th>village</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>SAMDRUP JONGKHAR-</td>
<td></td>
<td>Deothang</td>
<td>Samdrup Jongkhar</td>
<td>Backyard</td>
<td>Samdrup Jongkhar</td>
<td>26.79964</td>
<td>91.5074</td>
<td>06/03/2018</td>
<td></td>
</tr>
</tbody>
</table>

**Affected Population:** The outbreak has occurred in free ranging birds reared within temple complex

### Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>60</td>
<td>36</td>
<td>36</td>
<td>24</td>
<td>0</td>
</tr>
</tbody>
</table>

## Epidemiology

**Epidemiological comments:** The birds were brought from unknown sources illegally and kept within the temple complex. The disease is so far confined within the temple complex owing to strict enforcement of control measures.

- **Source of the outbreak(s) or origin of infection:**  
  - Illegal movement of animals  
  - Introduction of new live animals

### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
</table>
|         | movement control inside the country  
|         | surveillance outside containment and/or protection zone  
|         | surveillance within containment and/or protection zone  
|         | official destruction of animal products  
|         | official disposal of carcasses, by-products and waste  
|         | stamping out  
|         | disinfection  
|         | ante and post-mortem inspections  
|         | vaccination Prohibited |

### 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>National Centre for Animal Health</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>11/03/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>
Future Reporting

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