## Report Summary

**Name of sender of the report**: Dr Kazuo Ito  
**Telephone**: +81 3 3502 8295  
**Position**: Director  
**Address**: 1-2-1 Kasumigaseki Chiyoda-ku Tokyo 100-8950  
**Email**: animal_health88@maff.go.jp  
**Date submitted to OIE**: 17/01/2017

### Animal type
- **Terrestrial**

### Disease
- **Highly pathogenic avian influenza**

### Causal Agent
- **Highly pathogenic avian influenza virus**

### Serotype(s)
- **H5N6**

### Date submitted to OIE
- 17/01/2017

### Date of report
- 16/01/2017

### Date of start of the event
- 28/11/2016

### Date of confirmation of the event
- 28/11/2016

### Date of last occurrence
- 17/02/2015

### Reason
- Reoccurrence of a listed disease

### Diagnosis
- Clinical, Laboratory (basic), Laboratory (advanced)

### Country or zone
- the whole country

### Clinical signs
- Yes

### Number of reported outbreaks
- submitted=8, Draft=0

### Outbreak details

#### Prefecture: AOMORI
- **Species**: Birds  
- **Measuring units**: Animals  
- **Susceptible**: 18370  
- **Cases**: 10  
- **Deaths**: 10  
- **Destroyed**: 18360  
- **Slaughtered**: 0  
- **Location**: Aomori-shi  
- **Latitude**: 40.814459  
- **Longitude**: 140.749038  
- **Start Date**: 28/11/2016  
- **End Date**: 05/12/2016

#### Prefecture: NIIGATA
- **Species**: Birds  
- **Measuring units**: Animals  
- **Susceptible**: 314047  
- **Cases**: 130  
- **Deaths**: 130  
- **Destroyed**: 313917  
- **Slaughtered**: 0  
- **Location**: Sekikawa-mura  
- **Latitude**: 38.089616  
- **Longitude**: 139.564917  
- **Start Date**: 29/11/2016  
- **End Date**: 05/12/2016

#### Prefecture: AOMORI
- **Species**: Birds  
- **Measuring units**: Animals  
- **Susceptible**: 4725  
- **Cases**: 5  
- **Deaths**: 5  
- **Destroyed**: 4720  
- **Slaughtered**: 0  
- **Location**: Aomori-shi  
- **Latitude**: 40.814459  
- **Longitude**: 140.749038  
- **Start Date**: 02/12/2016  
- **End Date**: 05/12/2016

#### Prefecture: HOKKAIDO
- **Species**: Birds  
- **Measuring units**: Animals  
- **Susceptible**: 283982  
- **Cases**: 30  
- **Deaths**: 30  
- **Destroyed**: 283952  
- **Slaughtered**: 0  
- **Location**: Shimizu-cho  
- **Latitude**: 43.01135  
- **Longitude**: 142.884491  
- **Start Date**: 16/12/2016  
- **End Date**: 24/12/2016

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### Prefecture: MIYAZAKI
- **Number of outbreaks**: -
- **District**: other report
- **Sub-district**: submitted
- **Unit Type**: Farm
- **Location**: Kawaminami-cho
- **Latitude**: 32.19197
- **Longitude**: 131.525822
- **Start Date**: 19/12/2016
- **End Date**: 21/12/2016

**Species Measuring units**
- **Susceptible**: Birds
- **Cases**: Animals
- **Deaths**: 120100
- **Destroyed**: 100
- **Slaughtered**: 120000

**Affected Population**
- **Type**: poultry (broilers)

### Prefecture: KUMAMOTO
- **Number of outbreaks**: -
- **District**: other report
- **Sub-district**: submitted
- **Unit Type**: Farm
- **Location**: Nankan-machi
- **Latitude**: 33.061622
- **Longitude**: 130.541079
- **Start Date**: 26/12/2016
- **End Date**: 28/12/2016

**Species Measuring units**
- **Susceptible**: Birds
- **Cases**: Animals
- **Deaths**: 91856
- **Destroyed**: 50
- **Slaughtered**: 91806

**Affected Population**
- **Type**: Poultry (layers)

### Prefecture: Gifu
- **Number of outbreaks**: -
- **District**: (this report - submitted)
- **Sub-district**: -(submitted)
- **Unit Type**: Farm
- **Location**: Yamagata-shi
- **Latitude**: 35.506132
- **Longitude**: 136.781345
- **Start Date**: 14/01/2017

**Species Measuring units**
- **Susceptible**: Birds
- **Cases**: Animals
- **Deaths**: 78184
- **Destroyed**: 100
- **Slaughtered**: 78084

**Affected Population**
- **Type**: Poultry (layers)

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### Outbreak Summary: Total Outbreaks = 8 (Submitted)

**Species Measuring units**
- **Susceptible**: Birds
- **Cases**: Animals
- **Deaths**: 1147005
- **Destroyed**: 525
- **Slaughtered**: 1146480

**Epidemiology**

**Epidemiological comments**
- **Outbreak 5 (Hokkaido, Shimizu-cho)** – follow up information of the previous reports
  On 15 January 2017, the movement restriction was lifted since 21 days had passed without any new outbreaks after control measures including stamping out had been completed on 24 December 2016.

- **Outbreak 6 (Miyazaki, Kawaminami-cho)** – follow up information of the previous reports
  On 12 January 2017, the movement restriction was lifted since 21 days had passed without any new outbreaks after control measures including stamping out had been completed on 21 December 2016.

- **Outbreak 7 (Kumamoto, Nankan-machi)** – follow up information of the previous reports
  On 12 January 2017 shipment restrictions were lifted as there were not any positive results of the tests conducted after control measures including stamping out had been completed.

- **Outbreak 8 (Gifu, Yamagata-shi)** – this report
  On 14 January 2017, the local veterinary service in Gifu Prefecture received a notification from a domestic hen farm on an increase in the number of dead birds (100 birds on the same day).
  The samples were sent to the laboratory of local veterinary service (Gifu Livestock Hygiene Service Centre) and the samples from dead birds were confirmed to be influenza A virus positive by antigen-capture kits and to be subtype H5 by RT-PCR and RRT-PCR in Gifu Livestock Hygiene Service Centre.
  Movement and shipment restrictions are imposed on the farms within a radius of 3km and 3-10 km of the affected farm, respectively.

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

**Measures applied**

**Applied**
- movement control inside the country
- screening
- disinfection / disinfestation
- quarantine
- stamping out

**To be applied**
- no planned control measures

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Follow-up report No.: 5, Report reference: , OIE Ref: 22373, Report Date: 16/01/2017, Country: Japan
### 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 Institute of Animal Health</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>16/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Gifu Livestock Hygiene Service Centre</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>14/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Gifu Livestock Hygiene Service Centre</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>14/01/2017</td>
<td>Positive</td>
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<tr>
<td>Local laboratory</td>
<td>Gifu Livestock Hygiene Service Centre</td>
<td>Birds</td>
<td>rapid tests</td>
<td>14/01/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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