Immediate notification report

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 a listed disease

Date of first confirmation of the event: 30/03/2011
Date of report: 26/04/2011

Diagnosis: Suspicion, Clinical, Laboratory (advanced)

Number Of Reported Outbreaks: Submitted= 18, Draft= 0

Address: Building C, 6th Floor
Jl. Harsono - Rm No 3
Ragunan Pasar Minggu
12250 Jakarta Selatan Jakarta 12550

Name of Sender of the report: Dr Prabowo Respatyo Caturroso
Position: Director General of Livestock and Animal Health Services

Telephone: (62-21) 781 53 83
Fax: (62-21) 781 55 83
Email: prabowo_rc_roso@yahoo.com
Entered by: Dr Prabowo Respatyo Caturroso

Outbreak (this report - submitted)

Province: GORONTALO
District: Gorontalo
Sub-district: Limboto
Unit Type: Village
Location: Huidu
Latitude: 0.6594
Longitude: 122.4214
Start date: 30/03/2011
End Date: 30/03/2011

Species: Birds
Measuring units: Animals
Susceptible Cases: ... 15
Deaths: 15
Destroyed: ...
Slaughtered: ...

Outbreak (this report - submitted)

Province: GORONTALO
District: Gorontalo
Sub-district: Limboto
Unit Type: Village
Location: Hunggaliwa
Latitude: 0.8121
Longitude: 122.4214
Start date: 30/03/2011
End Date: 30/03/2011

Species: Birds
Measuring units: Animals
Susceptible Cases: ... 100
Deaths: 100
Destroyed: ...
Slaughtered: ...

Outbreak (this report - submitted)
<table>
<thead>
<tr>
<th>Province</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>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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<tbody>
<tr>
<td>GORONTALO</td>
<td>Gorontalo</td>
<td>Tolangohula</td>
<td>Village</td>
<td>Gandaria</td>
<td>0.6137</td>
<td>122.0093</td>
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<td></td>
<td>Birds</td>
<td>Animals</td>
<td>2279</td>
<td>300</td>
<td>300</td>
<td>1979</td>
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<td>GOALA</td>
<td>Gorontalo</td>
<td>Limboto</td>
<td>Village</td>
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<td>9</td>
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<td>Village</td>
<td>Molosipat</td>
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<td>122.8794</td>
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<td>8</td>
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<td>GORONTALO</td>
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<td>Dungingi</td>
<td>Village</td>
<td>Libu</td>
<td>0.7258</td>
<td>122.3451</td>
<td>03/04/2011</td>
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<td>Birds</td>
<td>Animals</td>
<td>354</td>
<td>22</td>
<td>22</td>
<td>332</td>
<td>0</td>
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<tr>
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<td>Village</td>
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<td>Birds</td>
<td>Animals</td>
<td>354</td>
<td>22</td>
<td>22</td>
<td>332</td>
<td>0</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
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<tr>
<td>Birds</td>
<td>Animals</td>
<td>83</td>
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</tbody>
</table>

**Affected Population**

**Outbreak (this report - submitted)**

<table>
<thead>
<tr>
<th>Province</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>GORONTALO</td>
<td>Gorontalo municipality</td>
<td>Kota tengah</td>
<td>Village</td>
<td>Wumialo</td>
<td>8.8884</td>
<td>122.1924</td>
<td>04/04/2011</td>
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<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>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>...</td>
<td>5</td>
<td>5</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

**Affected Population**

**Outbreak (this report - submitted)**

<table>
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<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORONTALO</td>
<td>Gorontalo municipality</td>
<td>Dumbo raya</td>
<td>Village</td>
<td>Leato u</td>
<td>8.7358</td>
<td>122.2688</td>
<td>05/04/2011</td>
<td></td>
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</tbody>
</table>

<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>
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<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>100</td>
<td>9</td>
<td>9</td>
<td>91</td>
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**Affected Population**

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<th>Province</th>
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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORONTALO</td>
<td>Gorontalo municipality</td>
<td>Kota timur</td>
<td>Village</td>
<td>Ipibo</td>
<td>8.7358</td>
<td>122.2688</td>
<td>05/04/2011</td>
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</table>

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<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
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<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>27</td>
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<td>5</td>
<td>22</td>
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**Affected Population**

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<tr>
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<tbody>
<tr>
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<td>Gorontalo municipality</td>
<td>Kota timur</td>
<td>Village</td>
<td>Padebuolo</td>
<td>8.6594</td>
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<table>
<thead>
<tr>
<th>Species</th>
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<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>245</td>
<td>20</td>
<td>20</td>
<td>225</td>
<td>0</td>
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**Affected Population**

**Outbreak (this report - submitted)**

<table>
<thead>
<tr>
<th>Province</th>
<th>District</th>
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</thead>
<tbody>
<tr>
<td>GORONTALO</td>
<td>Gorontalo municipality</td>
<td>Kota Barat</td>
<td>Village</td>
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<td>8.7358</td>
<td>122.1161</td>
<td>05/04/2011</td>
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<table>
<thead>
<tr>
<th>Species</th>
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<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>42</td>
<td>6</td>
<td>6</td>
<td>36</td>
<td>0</td>
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</table>
### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>District</th>
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<tbody>
<tr>
<td>GORONTALO</td>
<td>Gorontalo municipality</td>
<td>Kota timur</td>
<td>Village</td>
<td>Heledulaa</td>
<td>0.8121</td>
<td>122.3451</td>
<td>05/04/2011</td>
<td></td>
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<tr>
<th>Species</th>
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<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>18</td>
<td>5</td>
<td>5</td>
<td>13</td>
<td>0</td>
</tr>
</tbody>
</table>

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>District</th>
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<th>Longitude</th>
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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORONTALO</td>
<td>Bone Bolango</td>
<td>Tionghabila</td>
<td>Village</td>
<td>Motospat</td>
<td>0.8121</td>
<td>122.3451</td>
<td>06/04/2011</td>
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<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>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>199</td>
<td>153</td>
<td>153</td>
<td>46</td>
<td>0</td>
</tr>
</tbody>
</table>
**Outbreak summary: Total outbreaks = 18 (Submitted)**

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>4709</td>
<td>710</td>
<td>817</td>
<td>4119</td>
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**Epidemiology**

**Epidemiological comments**

Since the end of March 2011, and with laboratory confirmation by the Disease Investigation Center in Maros, the Gorontalo province is infected with HPAI. Since then, the disease has spread in 4 districts of Gorontalo province: Gorontalo, Gorontalo municipality, Boalemo and Bone Bolango. Stamping out is the main control measure for HPAI in the area. Movement control of poultry has been done, especially using check points.

Note by the OIE Animal Health Information Department: Even though HPAI has been declared endemic in the country by Indonesia in September 2006, this report is published because it constitutes a reoccurrence of the disease in Gorontalo province since June 2007.

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

- Illegal movement of animals

**Control Measures**

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
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<tbody>
<tr>
<td>• Stamping out</td>
<td>• No Planned Control Measures</td>
</tr>
<tr>
<td>• Movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• Disinfection of infected premises/establishment(s)</td>
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</table>

**Animals treated**

- No

**Country / Zone**

Country or zone: a zone or compartment

**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>
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<tbody>
<tr>
<td>Regional Reference Laboratory</td>
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<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>30/03/2011</td>
<td>Positive</td>
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</table>

**Future Reporting**

**What further reports will be submitted in relation to this event?**

There are 18 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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