Follow-up report No.: 3

**Report Summary**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Highly pathogenic avian influenza</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal type</td>
<td>Terrestrial</td>
</tr>
<tr>
<td>Causal Agent</td>
<td>Highly pathogenic avian influenza virus</td>
</tr>
<tr>
<td>Serotype(s)</td>
<td>H5</td>
</tr>
<tr>
<td>Clinical Signs</td>
<td>Yes</td>
</tr>
<tr>
<td>Reason</td>
<td>Reoccurrence of a listed disease</td>
</tr>
<tr>
<td>Date of first confirmation of the event</td>
<td>16/01/2011</td>
</tr>
<tr>
<td>Date of report</td>
<td>04/03/2011</td>
</tr>
<tr>
<td>Date of Start of Event</td>
<td>06/01/2011</td>
</tr>
<tr>
<td>Diagnosis</td>
<td>Clinical, Laboratory (basic), Laboratory (advanced)</td>
</tr>
<tr>
<td>Date Of Last Occurrence</td>
<td>26/03/2010</td>
</tr>
</tbody>
</table>

**Number Of Reported Outbreaks**

| Submitted= 9, Draft= 0 |

**Address**

Station Road, Insein
YANGON 11011

**Telephone**

95 1 642453

**Fax**

95 1 642927

**Email**

dg-lbvd@mail4u.com.mm

**Diagnosis**

| Clinical, Laboratory (basic), Laboratory (advanced) |

**Date Submitted To OIE**

04/03/2011

**Number Of Reported Outbreaks**

| Submitted= 9, Draft= 0 |

**Name of Sender of the report**

Prof. Dr Myint Thein

**Outbreak (other 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>RAHinne STATE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Bumay-Lethamar village</td>
<td>20,1448</td>
<td>92,8784</td>
<td>06/01/2011</td>
<td></td>
</tr>
</tbody>
</table>

**Species**

Birds

**Measuring units**

Animals

**Susceptible**

800

**Cases**

500

**Deaths**

500

**Destroyed**

300

**Slaughtered**

0

**Affected Population**

Layers

6,070 layer chickens at a farm and 128 poultry at a market within 1-km radius from infected premises.

**Outbreak (other report - submitted) (10166)**

<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>RAHinne STATE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Thae chaung Lethamar village</td>
<td>20,1585</td>
<td>92,8429</td>
<td>18/01/2011</td>
<td></td>
</tr>
</tbody>
</table>

**Species**

Birds

**Measuring units**

Animals

**Susceptible**

6198

**Cases**

6198

**Deaths**

0

**Destroyed**

6198

**Slaughtered**

0

**Affected Population**

6,070 layer chickens at a farm and 128 poultry at a market within 1-km radius from infected premises.

**Outbreak (other report - submitted) (10166)**

<table>
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<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAHinne STATE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Bumay ward 12 /15</td>
<td>20,1471</td>
<td>92,8698</td>
<td>19/01/2011</td>
<td></td>
</tr>
<tr>
<td>Province</td>
<td>District</td>
<td>Sub-district</td>
<td>Unit Type</td>
<td>Location</td>
<td>Latitude</td>
<td>Longitude</td>
<td>Start date</td>
<td>End Date</td>
</tr>
<tr>
<td>------------</td>
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<td>----------</td>
</tr>
<tr>
<td>RAKHINE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Bumay ward 15/16</td>
<td>20.147</td>
<td>92.869#</td>
<td>20/01/2011</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>4005</td>
<td>3980</td>
<td>0</td>
<td>4005</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Affected Population: 3,660 layer chickens and 320 ducks. 25 poultry at a market. These farms are within 1-km radius from infected premises.

<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>RAKHINE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Bumay ward 16</td>
<td>20.147</td>
<td>92.869#</td>
<td>21/01/2011</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>10571</td>
<td>10530</td>
<td>0</td>
<td>10571</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Affected Population: 10,450 layer chickens, 80 ducks and 41 poultry at a market. These farms are within 1-km radius from infected premises.

<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>RAKHINE</td>
<td>Sittwe</td>
<td>Sittwe</td>
<td>Farm</td>
<td>Magyimyaing</td>
<td>20.1425</td>
<td>92.874</td>
<td>22/01/2011</td>
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</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>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>9750</td>
<td>9750</td>
<td>0</td>
<td>9750</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Affected Population: 11,450 layers, 120 ducks and 302 poultry at a market. These farms are within 1-km radius from infected premises.

<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>SAGAING</td>
<td>Shwebo</td>
<td>Tantse</td>
<td>Farm</td>
<td>Bomya Quarter</td>
<td>22.9444</td>
<td>95.4089</td>
<td>26/01/2011</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>990</td>
<td>459</td>
<td>459</td>
<td>531</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Affected Population: All are layer chickens. These farms are within 1-km radius from infected premises.
Affected Population
Layer chickens in two farms

Outbreak (this report - submitted) (10166)

Province
SAGAING
District
Shwebo
Sub-district
Tabayin
Unit Type
Farm
Location
Myoma Quarter
Latitude
22.6899
Longitude
95.33409
Start date
20/02/2011
End Date

Species
Birds
Measuring units
Animals
Susceptible
6700
Cases
1800
Deaths
626
Destroyed
6074
Slaughtered
0

Affected Population
Layer chickens. They were 6 months and 11 months old. Totally, 626 chickens died within 5 days out of 1,800 cases.

Outbreak summary: Total outbreaks = 9 (Submitted)

Species
Birds
Susceptible
61986
Cases
55887
Deaths
1585
Destroyed
60401
Slaughtered
0

Epidemiology

Epidemiological comments
Unknown or inconclusive

Source of the outbreak(s) or origin of infection

Control Measures

• Stamping out
• Quarantine
• Movement control inside the country
• Zoning
• Disinfection of infected premises/establishment(s)
• Dipping / Spraying

Applied

To be applied

Vaccination Prohibited
Yes

Animals treated

No

Country / Zone

Country or zone
a zone or compartment

Diagnostic test results

Laboratory Type
National laboratory
National laboratory
Name of Laboratory
Yangon Veterinary Diagnostic Laboratory
Yangon Veterinary Diagnostic Laboratory
Species
Birds
Birds
Test Type
real-time PCR
polymerase chain reaction (PCR)
Date Results Provided
26/02/2011
26/02/2011
Result
Positive
Positive

Future Reporting

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

There are 9 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.