**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**
19/10/2007

**Date of report**
20/04/2008

**Date of Start of Event**
19/10/2007

**Date Submitted To OIE**
20/04/2008

**Diagnosis**
Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

**Date Of Last Occurrence**
28/07/2007

**Number Of Reported Outbreaks**
Submitted= 3, Draft= 0

**Name of Sender of the report**
Mr U Maung Maung Nyunt

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Insein Road

P.O. Box 11011

RANGOON

**Position**
Director General

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**Fax**
95 1 642927 - 640032

**Email**
lbvd@mptmail.net.mm

**Outbreak (other report - submitted) (OIE ref 6519)**

<table>
<thead>
<tr>
<th>Bago</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bago</td>
<td>Farm</td>
<td>Oatsu Quarter</td>
<td>17.9069</td>
<td>96.5233</td>
<td>19/10/2007</td>
<td>09/11/2007</td>
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</table>

**Species**

<table>
<thead>
<tr>
<th>Birds</th>
<th>Animals</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>33859</td>
<td>400</td>
<td>400</td>
<td>33459</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

32070 quails, 3118 quail eggs, 1242 layer chickens, 147 ducklings, 30500 hatching duck eggs and 52 kg of feed were all destroyed.

**Outbreak (other report - submitted) (OIE Ref 6377)**

<table>
<thead>
<tr>
<th>SHAN STATE</th>
<th>Kyaing Tong (Shan East)</th>
<th>Katpha</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
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<tbody>
<tr>
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<td></td>
<td>2591</td>
<td>2058</td>
<td>2058</td>
<td>533</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

backyard poultry
SHAN STATE

Mong Phyat

Mong Phyat township

Unit Type

Location

Latitude

Longitude

Start

End

SHAN STATE

Mong Phyat

Mong Phyat township

Village

Yankham village

20.8533

98.9373

23/12/2007

18/01/2008

Species

Measuring units

Susceptible

Cases

Deaths

Destroyed

Slaughtered

Birds

Animals

1056

13

13

1043

0

Affected Population

backyard poultry (1017 chickens, 20 ducks, 6 geese).

Outbreak summary: Total outbreaks = 3 (Submitted)

Species

Susceptible

Cases

Deaths

Destroyed

Slaughtered

Birds

37506

2471

2471

35035

0

Epidemiology

Epidemiological comments

Surveillance activities

(a) Virological and serological surveillance

Virological and serological surveillances were conducted during the last three months (starting from January 2008) in the whole country. The survey was set up with 95% confidence level at 10 % prevalence. Surveillance was carried out within the 7-km-radius area around the outbreak. 5 % of chicken and duck farms of other States and Divisions were randomly chosen on the basis of high risk area such as high density poultry population, wet land, wet market and border routes. A total of 6,961 serum samples from chickens and ducks were collected and tested by HA/HI test for antibodies against HPAI. Antibodies against HPAI were not detected from those samples In addition, a total of 1,585 cloacal and tracheal swabs were collected. In all cloacal swabs, no detection of HPAI virus was observed by egg inoculation and RT-PCR method and all sera were free from antibody against HPAI virus.

(b) Active clinical surveillance

The active clinical surveillance has been conducted nationwide starting in January 2008. A total poultry populations of 10,000 farms under surveillance covered backyard poultry, broilers, layers, breeder chickens, ducks, and poultry in wet markets and birds in wild life sanctuaries were examined and found clinically healthy. No evidence of clinical HPAI infection was observed.

Conclusion

Three months have therefore elapsed without any evidence of HPAI H5N1 virus being detected since the last outbreak was closed in January 2008. In accordance with Article 2.7.12.4 of the OIE Terrestrial Animal Health Code, the above areas are no longer considered HPAI infected zone. Based on surveillance, Myanmar declares itself free from HPAI.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Control Measures

Applied

• Stamping out

• Quarantine

• Movement control inside the country

• Disinfection of infected premises/establishment(s)

• Dipping / Spraying

Animals treated

No

To be applied

• Control of wildlife reservoirs

• Zoning

Vaccination Prohibited

Yes

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>
</tr>
</thead>
</table>

Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.

Outbreak map