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: 09/11/2008
Date of Start of Event: 27/10/2008
Date of report: 27/02/2009
Date Submitted To OIE: 27/02/2009

Diagnosis: Laboratory (basic), Laboratory (advanced)
Date Of Last Occurrence: 13/02/2008

Number Of Reported Outbreaks: Submitted= 2, Draft= 0, Deleted= 0

Name of Sender of the report: Dr Yukol Limlamthong
Address: 69/1 Phaya Thai Road Rajthewi Bangkok 10400 Bangkok
Position: Director General
Telephone: (66-2) 653 44 01
Fax: (66-2) 653 49 00
Email: dg@dld.go.th
Entered by: Dr Yukol Limlamthong

Outbreak (other report - submitted)

Province: SUKHOTHAI
District: TongSaLeam
Sub-district: TongSaLeam
Unit Type: Village
Location: Village No 5
Latitude: 17.1915
Longitude: 99.3339
Start date: 27/10/2008
End Date: 28/10/2008

Species: Birds
Measuring units: Animals
Susceptible: 17
Cases: 5
Deaths: 5
Destroyed: 12
Slaughtered: 0

Affected Population: native chickens

Outbreak (other report - submitted)

Province: UTHAI THAN
District: NongChang
Sub-district: ThungPho
Unit Type: Village
Location: Village No 6
Latitude: 15.2329
Longitude: 99.5029
Start date: 10/11/2008
End Date: 12/11/2008

Species: Birds
Measuring units: Animals
Susceptible: 7
Cases: 5
Deaths: 5
Destroyed: 2
Slaughtered: 0

Affected Population: native chickens

Outbreak summary: Total outbreaks = 2 (Submitted)

Species
Susceptible Cases Deaths Destroyed Slaughtered
Birds 24 10 10 14 0

Epidemiology

Epidemiological comments

Passive surveillance:
From 10 November 2008 to 11 February 2009, the Department of Livestock Development (DLD) received 285 notifications of sick or dead poultry conforming HPAI suspicions. All reports were followed by prompt investigation. If necessary, additional samples were collected for laboratory confirmation. To present, there has been no laboratory evidence of HPAI.

Active surveillance:
During the period of 3 months, from 10 November 2008 to 11 February 2009, a total of 101,153 poultry keepers were visited for clinical surveillance. There were 205 poultry keepers (0.2%) which reported their observations on poultry deaths. From these households/farms, 265 poultry carcasses and 15,304 cloacal swab samples (from totally 83,957 birds) were submitted to relevant the DLD laboratories for HPAI viral confirmation. All collected samples yielded negative results thus far.

Three months have therefore elapsed without any evidence of HPAI H5N1 virus being detected. In accordance with Article 10.4.4. of the OIE Terrestrial Animal Health Code (Ed.2008), Thailand declares itself free from HPAI with effect from 11 February 2009.

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

Control Measures

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

To be applied
- No Planned Control Measures

Vaccination Prohibited
- Yes

Animals treated
- No

Country / Zone

Country or zone
- the whole country

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

- The event is resolved. No more reports will be submitted