**Follow-up report No.: 5**

*Report reference: , OIE Ref: 6841, Report Date: 26/02/2008, Country: Turkey*

### 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:** 21/01/2008
- **Date of report:** 26/02/2008
- **Date Submitted To OIE:** 26/02/2008
- **Diagnosis:** Laboratory (advanced)
- **Date Of Last Occurrence:** 02/04/2007
- **Name of Sender of the report:** Assoc Prof Dr Muzaffer Aydemir
- **Address:** Korumalı Genel Müdürliği
  - Esat Caddest No 3
  - Bakanlıklar
  - Ankara 06100
- **Telephone:** (90-312) 425 77 89
- **Fax:** (90-312) 418 63 18
- **Email:** vet_service@kkgm.gov.tr
- **Outbreak (other report - submitted)**

#### Zonguldak

- **Location:** Caycuma Sazkoy
- **Unit Type:** Village
- **Location:** Zonguldak
- **Latitude:** 41.7193
- **Longitude:** 32.3923
- **Start:** 18/01/2008
- **End:** 13/02/2008
- **Species:** Birds
- **Measuring units:** Animals
- **Susceptible:** 586
- **Cases:** 13
- **Deaths:** 13
- **Destroyed:** 573
- **Slaughtered:** 0

**Affected Population:** Backyard Poultry

#### Samsun

- **Location:** 19 Mayıs Yorukler
- **Unit Type:** Village
- **Location:** Yorukler
- **Latitude:** 41.524963
- **Longitude:** 36.076722
- **Start:** 26/01/2008
- **End:** 25/02/2008
- **Species:** Birds
- **Measuring units:** Animals
- **Susceptible:** 57
- **Cases:** 25
- **Deaths:** 20
- **Destroyed:** 37
- **Slaughtered:** 0

**Affected Population:** Backyard Chickens

### Outbreak (other report - submitted)
### Outbreak (other report - submitted)

**SAKARYA Kaynarca Yenicam Village**

- **Location**: Sakarya
- **Latitude**: 40.8697
- **Longitude**: 30.4666
- **Start Date**: 01/02/2008

<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>3646</td>
<td>53</td>
<td>50</td>
<td>3586</td>
<td>0</td>
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</table>

**Affected Population**: Backyard poultry

### Outbreak (other report - submitted)

**SAKARYA Karasu Konacik Village**

- **Location**: Sakarya
- **Latitude**: 41.058886
- **Longitude**: 30.594703
- **Start Date**: 07/02/2008

<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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</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>1139</td>
<td>20</td>
<td>19</td>
<td>1119</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: Backyard poultry

### Outbreak (other report - submitted)

**SAMSUN Terme Aybeder Village**

- **Location**: Samsun
- **Latitude**: 41.299563
- **Longitude**: 36.902944
- **Start Date**: 08/02/2008

<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>52</td>
<td>4</td>
<td>4</td>
<td>46</td>
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</tbody>
</table>

**Affected Population**: Backyard poultry

### Outbreak (this report - submitted)

**SINOP Merkez Tasmanli Village**

- **Location**: Sinop
- **Latitude**: 41.896423
- **Longitude**: 35.054491
- **Start Date**: 11/02/2008

<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>130</td>
<td>13</td>
<td>13</td>
<td>117</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: Backyard poultry

### Outbreak summary: Total outbreaks = 6 (Submitted)

- **Species**
- **Susceptible**: Birds 5610, Animals 120
- **Cases**: Birds 119
- **Deaths**: Birds 5487
- **Destroyed**: Birds 0

### Epidemiology

**Epidemiological comments**

The disease was notified to the Veterinary Services on 18 February 2008. The stamping out started on 19 February 2008 and ended on 20 February 2008.

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

- Contact with wild species

### Control Measures

- **To be applied**: Stamping out
- **To be applied**: No Planned Control Measures
Applied

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

Animals treated No

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>
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</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Pendik Veterinary Control and Research Institute</td>
<td>Birds</td>
<td>Real-time PCR</td>
<td>25/02/2008</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Pendik Veterinary Control and Research Institute</td>
<td>Birds</td>
<td>Inoculation test</td>
<td>22/02/2008</td>
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<tr>
<td>National laboratory</td>
<td>Samsun Veterinary Control and Research Institute</td>
<td>Birds</td>
<td>Rapid tests</td>
<td>19/02/2008</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Samsun Veterinary Control and Research Institute</td>
<td>Birds</td>
<td>Real-time PCR</td>
<td>08/02/2008</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Pendik Veterinary Control and Research Institute</td>
<td>Birds</td>
<td>Real-time PCR</td>
<td>04/02/2008</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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

There are 4 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.