### 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 start of event**: 18/01/2008
- **Date of report**: 12/02/2008
- **Date of last occurrence**: 02/04/2007
- **Diagnosis**: Laboratory (advanced)
- **Number of reported outbreaks**: Submitted= 3, Draft= 0
- **Name of sender of the report**: Assoc Prof Dr Muzaffer Aydemir
- **Address**: Koruma Ve Kontrol Genel Mudurlugu
  - Esat Caddesi No 3
  - Bakanliklar
  - Ankara  06100
- **Telephone**: (90-312) 425 77 89
- **Fax**: (90-312) 418 63 18
- **Enter by**: Mme Margarita Alonso

### Outbreak (other report - submitted)

**ZONGULDAK**
- **Location**: Caycuma
- **Unit Type**: Sazkoy
- **Latitude**: 41,7193
- **Longitude**: 32,3923
- **Start**: 18/01/2008

<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>586</td>
<td>13</td>
<td>13</td>
<td>573</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: Backyard poultry

### Outbreak (other report - submitted)

**SAMSUN**
- **Location**: 19 Mayis
- **Unit Type**: Village
- **Latitude**: 41,524963
- **Longitude**: 36,076722
- **Start**: 26/01/2008

<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>57</td>
<td>25</td>
<td>20</td>
<td>37</td>
<td>0</td>
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</tbody>
</table>

**Affected Population**: Backyard chickens
### SAKARYA

<table>
<thead>
<tr>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaynarca Yenicam</td>
<td>40.9697</td>
<td>30.4666</td>
<td>01/02/2008</td>
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</tbody>
</table>

#### Species Measuring units

<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>3693</td>
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</tr>
</tbody>
</table>

### Affected Population

- Backyard poultry

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### Outbreak summary: Total outbreaks = 3 (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>4289</td>
<td>91</td>
<td>83</td>
<td>4203</td>
<td>0</td>
</tr>
</tbody>
</table>

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### Epidemiology

#### Epidemiological comments

The disease was notified to the Veterinary Services on 4 February 2008. The stamping out started on the same day and ended on 9 February 2008.

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

- Contact with wild species

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### Control Measures

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

**Applied**

- No Planned Control Measures

**To be applied**

**Vaccination Prohibited**

Yes

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### Country / Zone

- A zone or compartment

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### 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>
<tbody>
<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>

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### Future Reporting

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

There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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