# 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**
08/03/2012

**Date of Start of Event**
07/03/2012

**Date of report**
25/03/2012

**Date Submitted To OIE**
25/03/2012

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

**Number Of Reported Outbreaks**
Submitted= 2, Draft= 0

**Name of Sender of the report**
Dr Nadav Galon

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**Fax**
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**Email**
galonn@moag.gov.il

**Outbreak (other report - submitted)**

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HADAROM</td>
<td>Beer-sheva</td>
<td>Village</td>
<td>HOLIT.</td>
<td>31.2317174007</td>
<td>34.3268012875</td>
<td>07/03/2012</td>
<td>25/03/2012</td>
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</tbody>
</table>

**Species**
Birds

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animals</td>
<td>40000</td>
<td>19000</td>
<td>10000</td>
<td>30000</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
12-week-old turkeys. In one of the two pens there were 18,000 turkeys with very high morbidity and more than 50% mortality. All the birds have been culled and buried on spot. The premises has been disinfected.

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

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<tr>
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<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>HADAROM</td>
<td>Ashkelon</td>
<td>Village</td>
<td>SHALWA</td>
<td>31.563135013</td>
<td>34.766592349</td>
<td>07/03/2012</td>
<td>15/03/2012</td>
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</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>Animals</td>
<td>11000</td>
<td>500</td>
<td>500</td>
<td>10500</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
8-week-old turkeys. The flock is divided in three pens. Mortality was found in two pens. All the birds have been culled and buried on spot. The premises has been disinfected.

**Outbreak summary: Total outbreaks = 2 (Submitted)**

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Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered
---|---|---|---|---|---
Birds | 51000 | 18500 | 15500 | 40500 | 0

**Epidemiology**

**Epidemiological comments**

The epidemiological investigation is on-going.

Almost all the cases of H5N1 that have ever been in Israel occurred in March.

Sequencing of the two foci revealed a difference of 1.7% in the analyzed segment. This fact can indicate a different source of infection.

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

**Control Measures**

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

- **To be applied**
  - No Planned Control Measures

- **Vaccination Prohibited**: Yes

**Animals treated**: No

**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.