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: 16/01/2008
Date of report: 19/03/2008
Date Submitted To OIE: 19/03/2008
Date Of Last Occurrence: 06/2006

Diagnosis: Laboratory (advanced), Necropsy

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

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Outbreak (other report - submitted)

CRIMEAN Krasnogvardeisk Farm Rione 45,52 34,24 15/01/2008

Species: Birds
Measuring units: Animals
Susceptible: 25000
Cases: 173
Deaths: 173
Destroyed: 15000
Slaughtered: 0

Affected Population

Laying hens in two poultry houses. 180-day-old chickens were kept in the first poultry house and 390-day-old chickens in the second one. The youngest population showed first clinical signs of disease.

Clinical signs were detected during epidemiological examination as follows:

depression, disheveled feathers, oedema and cyanosis of head. The period from the first clinical signs till death lasts from 2 to 8 hours. During post-mortem examination, the following observations were made: enlarged liver, enlarged gall bladder and kidneys, catarrhal inflammation of duodenum, pinpoint haemorrhages into submucous membrane of tentorous stomach.

Outbreak (other report - submitted)

CRIMEAN Chernomorskiy Kirovskoye Farm Kirovskoye 45,5 33,07 05/02/2008

Species: Birds
Measuring units: Animals
Susceptible: 9
Cases: 3
Deaths: 3
Destroyed: 6
Slaughtered: 0
On 5 February 2008, 3 sick birds died (2 chicken and 1 rooster). The other poultry did not show the typical clinical signs of the disease.

### CRIMEAN

#### Outbreak (other report - submitted)

<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>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>6</td>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Affected Population

On 11 February 2008, the carcasses of dead wild birds were found in the vicinity to Sevastopol city (3 coots in the Balacklava bay, 1 sea gull and 2 coots in Kruglaya bay and 1 coot and 2 cormorants in Kamishoviy bay)

#### 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>25009</td>
<td>176</td>
<td>176</td>
<td>15006</td>
<td>0</td>
</tr>
<tr>
<td>Wild species</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Epidemiology

**Epidemiological comments**

By the decision of the State Emergency Epizootic Commission of Chernomorskiy district Council Administration on 27 February 2008, quarantine measures were lifted in the village of Kirovskoye.

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

- Fomites (humans, vehicles, feed, etc.)

#### 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

### 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?**

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.