



# Highly pathogenic avian influenza in Bulgaria update 10.02.2022



# Update

## Outbreaks HPAI H5N1 since 10.01.2022 (after last PAFF meeting)

- 2 industrial farms (Pekin ducks and laying hens) in the same region, primary outbreaks
- 1 backyard
- 1 wild bird (found dead)


### HPAI outbreaks November 2021 - February 2022

| No           | Region       | Birds                                      | Date of suspicion | Date of confirmation | HPAI subtype | Number of affected animals | Mortality number | Eradication completed |
|--------------|--------------|--|-------------------|----------------------|--------------|----------------------------|------------------|-----------------------|
| 1            | Plovdiv      | laying hens                                | 14.11.2021        | 15.11.2021           | H5N1         | 33120                      | 412              | 22.11.2021            |
| 2            | Plovdiv      | wild birds aviary                          | 23.11.2021        | 24.11.2021           |              | 685                        | 1500             | 27.11.2021            |
| 3            | Plovdiv      | turkeys                                    | 30.11.2021        | 01.12.2021           |              | 19                         | 19               | 1.12.2021             |
| 4            | Plovdiv      | laying hens, rearing flocks of laying hens | 01.12.2021        | 02.12.2021           |              | 86048                      | 700              | 13.12.2021            |
| 5            | Pazardzhik   | poultry                                    | 01.12.2021        | 02.12.2021           |              | 103                        | 8                | 2.12.2021             |
| 6            | Stara Zagora | mular duck                                 | 16.12.2021        | 17.12.2021           |              | 6390                       | 20               | 19.12.2021            |
| 7            | Haskovo      | layng hans                                 | 29.12.2021        | 30.12.2021           |              | 39950                      | 1000             | 6.1.2022              |
| 8            | Burgas       | Gull                                       | 30.12.2021        | 31.12.2021           |              | 1                          | 1                | 30.12.2021            |
| 9            | Haskovo      | pekin duck                                 | 10.1.2022         | 12.1.2022            |              | 5800                       | 20               | 13.1.2022             |
| 10           | Dobrich      | backyard (duck)                            | 24.1.2022         | 25.1.2022            |              | 99                         | 99               | 25.1.2022             |
| 11           | Burgas       | Pelicanus crispus                          | 26.1.2022         | 28.1.2022            |              | 1                          | 1                | 26.1.2022             |
| 12           | Haskovo      | layng hans                                 | 30.1.2022         | 31.1.2022            |              | 4000                       | 1450             | 2.2.2022              |
| <b>Total</b> |              |  |                   |                      |              | <b>176216</b>              | <b>2227</b>      |                       |

# BG-HPAI(P)-2022-00001 – Zhalti bryag village, Haskovo region

- Zhalti bryag village, Stambolovo municipality, **region of Haskovo** (BG-HPAI(P)-2022-00001).
- Suspicion on 10.01.2022
- Confirmation on 12.01.2022
- Eradication – 13.01.2022
- A primary outbreak of HPAI H5 N1
- **Pekin duck farm with 5 800** duck kept.
- Restriction zones established, 1 farm with 4000 mulard duck in 3 km zone
- The outbreak was confirmed in farm, under the surveillance activities in 10 km zone around the outbreak in Krivo pole, Haskovo region.

IMSOC - ADIS



Outbreak BG-HPAI(P)-2022-00001

|                       |   |
|-----------------------|---|
| Country:              | Bulgaria (BG)                               |
| Disease name:         | Highly pathogenic avian influenza (poultry) |
| Disease type:         | H5  |
| Type:                 | Primary                                     |
| National reference:   | РД11-36/12.01.2022 г.                       |
| Related outbreak:     | BG-HPAI(P)-2021-00006                       |
| Local authority unit: | RFSД Haskovo (BG25000)<br>България (BG)     |

|                           |                 |
|---------------------------|-----------------|
|                           | <b>Location</b> |
| Latitude:                 | 41.8103         |
| Longitude:                | 25.635          |
| Administrative divisions: |                 |
| Level 1:                  | Haskovo         |
| Level 2:                  | Stambolovo      |
| Level 3:                  |                 |



# BG-HPAI(P)-2022-00002– Feldfebel Denkovo village, Dobrich region

- Feldfebel Denkovo village, Dobrichka municipality, **region of Dobrich** (BG-HPAI(P)-2022-00002).
- Suspicion on 24.01.2022 (increased mortality)
- Confirmation on 25.01.2022
- Eradication – 25.01.2022
- A primary outbreak of HPAI H5 N1
- Affected population – 99 duck in **backyard**
- No poultry holdings in the restriction zones


IMSOC - ADIS

European Commission

Outbreak BG-HPAI(P)-2022-00002

|                       |   |
|-----------------------|---|
| Country:              | Bulgaria (BG)                               |
| Disease name:         | Highly pathogenic avian influenza (poultry) |
| Disease type:         | H5  |
| Type:                 | Primary                                     |
| National reference:   | —   |
| Related outbreak:     | —   |
| Local authority unit: | RFSD Dobrich (BG08000)<br>България (BG)     |


|                           |          |
|---------------------------|----------|
|                           | Location |
| Latitude:                 | 43.71264 |
| Longitude:                | 27.53377 |
| Administrative divisions: |          |
| Level 1:                  | Dobrich  |
| Level 2:                  | Dobrich  |
| Level 3:                  |          |



The map shows the geographical context of the outbreak. Bulgaria is highlighted in a reddish-brown color. The outbreak location is marked with a white square in the northeastern part of Bulgaria, near the border with Romania. Surrounding countries labeled include Romania to the north, Serbia to the west, North Macedonia to the southwest, Greece to the south, and Turkey to the southeast.

# BG-HPAI(NON-P)-2022-00001 – Burgas region


- Burgas city, **Burgas region** (BG-HPAI(NON-P)-2022-00001)
- Suspicion on 26.01.2022 (found dead)
- Confirmation on 28.01.2022
- Eradication – 26.01.2022
- Found dead *Pelicanus crispus*

 IMSOC - ADIS

**Outbreak BG-HPAI(NON-P)-2022-00001**

|                       |  |
|-----------------------|--|
| Country:              | Bulgaria (BG)  |
| Disease name:         | Highly pathogenic influenza A viruses (Inf. with)(non-poultry including wild birds)(2017-) |
| Disease type:         | H5   |
| Type:                 | Primary  |
| National reference:   | —  |
| Related outbreak:     | —  |
| Local authority unit: | Burgas - Бургас (BG02000)<br>България (BG)   |

|                           |                 |
|---------------------------|-----------------|
|                           | <b>Location</b> |
| Latitude:                 | 42.49227        |
| Longitude:                | 27.45297        |
| Administrative divisions: |                 |
| Level 1:                  | Burgas          |
| Level 2:                  | Burgas          |
| Level 3:                  |                 |



# BG-HPAI(P)-2022-00004 – Brod village, Haskovo region

- Brod village, Dimitrovgrad municipality, **region of Haskovo (BG-HPAI(P)-2022-00004)**.
- Suspicion on 30.01.2022 (increased mortality - 1450 dead poultry)
- Confirmation on 31.01.2022
- Eradication – 02.02.2022
- A primary outbreak of HPAI H5 N1
- laying hen farm with **4 000** laying hens kept in 2 premises.
- Restriction zones established - 1 farm with 40000 laying hens in 3 km zone.



IMSOC - ADIS

Outbreak BG-HPAI(P)-2022-00004

|                       |   |
|-----------------------|---|
| Country:              | Bulgaria (BG)                               |
| Disease name:         | Highly pathogenic avian influenza (poultry) |
| Disease type:         | H5  |
| Type:                 | Primary                                     |
| National reference:   | РД-135/31.01.2022                           |
| Related outbreak:     | —   |
| Local authority unit: | RFSD Haskovo (BG25000)<br>България (BG)     |

| Location                  |              |
|---------------------------|--------------|
| Latitude:                 | 42.05078     |
| Longitude:                | 25.67609     |
| Administrative divisions: |              |
| Level 1:                  | Haskovo      |
| Level 2:                  | Dimitrovgrad |
| Level 3:                  |              |

# Further measures applied:

- Ban for outdoor poultry keeping;
- Ban for poultry market ;
- Enhanced biosecurity measures in the poultry farms;
- Laboratory surveillance of the commercial farms located in the surveillance zone in Haskovo region;
- Enhanced surveillance in wild birds in entire country;
- Further restriction zones to be established (under consideration);
- Awareness-raising and information-spreading:
  - commitment by the local authority ( regional epizootic commissions ensuring increasing the preparedness, capacity of the municipality and awareness among stakeholders)
  - meetings with representatives of the poultry industry.
- Epidemiological investigations – still ongoing in Haskovo region; indirect contact with wild bird in Dobrich region
- Restriction zones – still left in two regions (Dobrich and Haskovo)
- Higher interest in vaccination expressed by the poultry industry (preventive vaccination)





# Thank you for the attention!

Bulgarian Food Safety Agency  
15A Pencho Slaveikov blvd.  
1606 Sofia, Bulgaria  
tel.: 00359 2 915 98 20  
e\_mail: [ceo@bfsa.bg](mailto:ceo@bfsa.bg)

Animal Health Department  
tel.: 00359 2 915 98 42  
e\_mail: [ahwfc@bfsa.bg](mailto:ahwfc@bfsa.bg);  
<http://babh.government.bg/bg/Page/ah/index/ah/Здравеопаз>