



State  
Veterinary  
Administration

AHW.A.04

# Highly Pathogenic Avian Influenza in Czechia (update)

SCoPAFF meeting, 21 February 2024

# HPAI in the Czech Republic

## SUMMARY IN 2024

a total of 5 outbreaks of HPAI in poultry, 18 outbreaks of HPAI in captive birds and 5 HPAI cases in wild birds

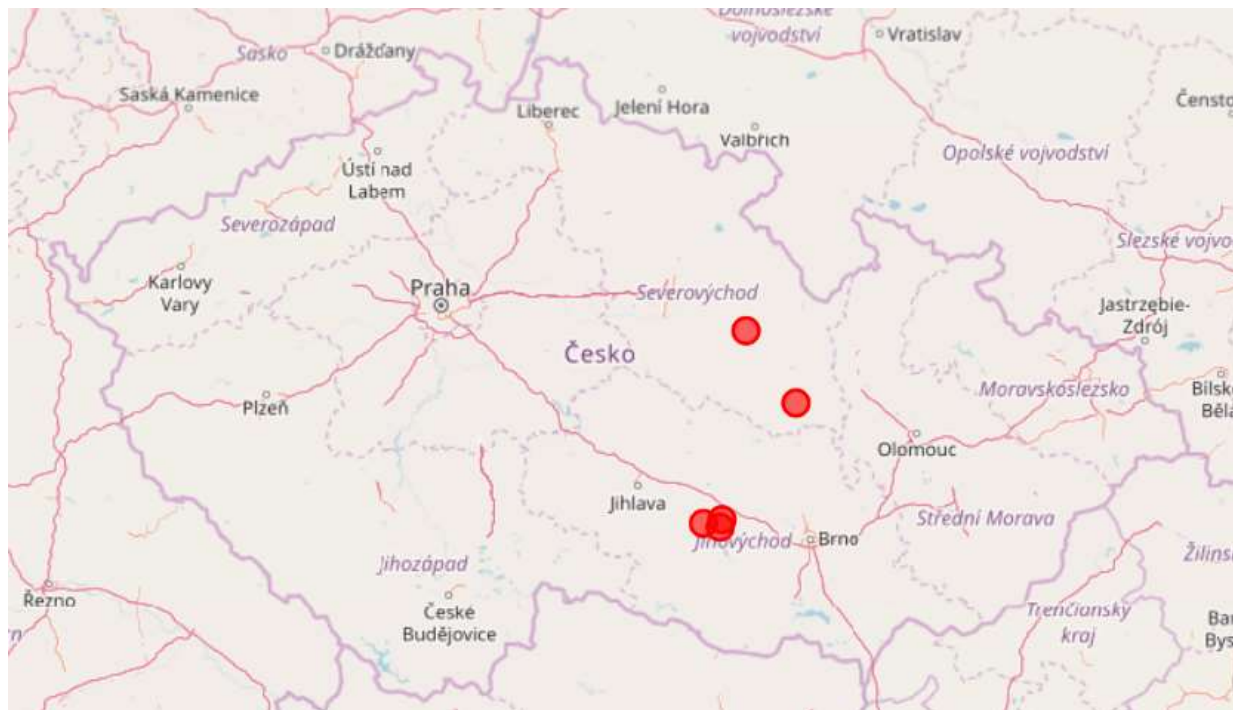
## CURRENT SITUATION

**5 new HPAI outbreaks in poultry, 5 new HPAI outbreaks in captive birds and 5 new cases in wild birds** since the last SCoPAFF meeting on 23 January 2024

### ➤ POULTRY

**5 HPAI H5N1 outbreaks in commercial holdings in two regions:**

- *Pardubice Region (2 outbreaks)*
- *Vysočina Region (3 outbreaks)*

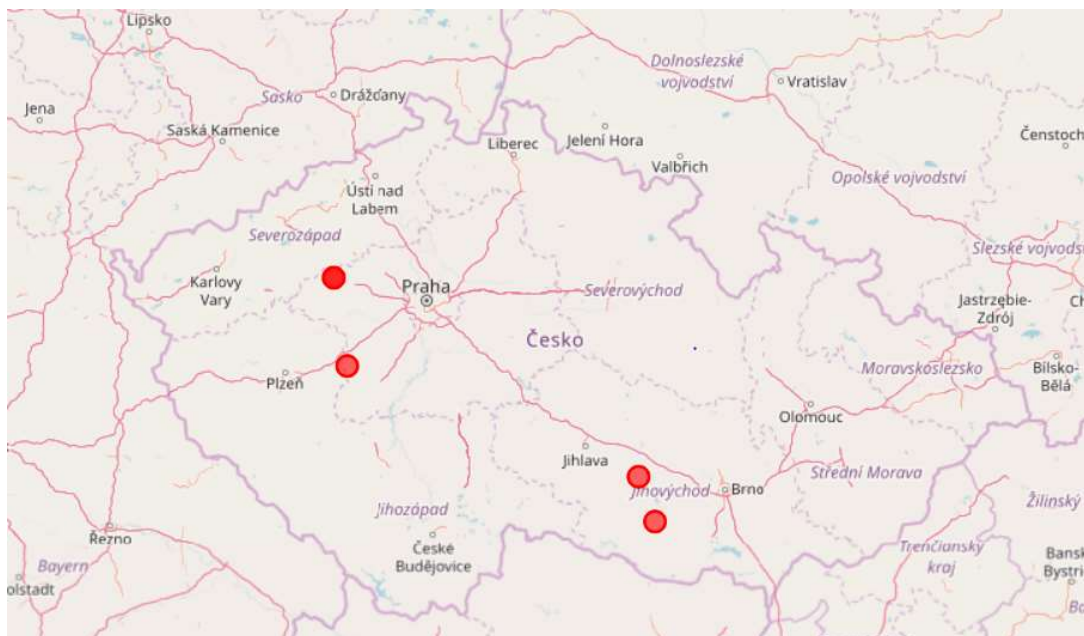


# HPAI in the Czech Republic

## ➤ CAPTIVE BIRDS

**5 HPAI H5N1 outbreaks in backyards in 3 regions:**

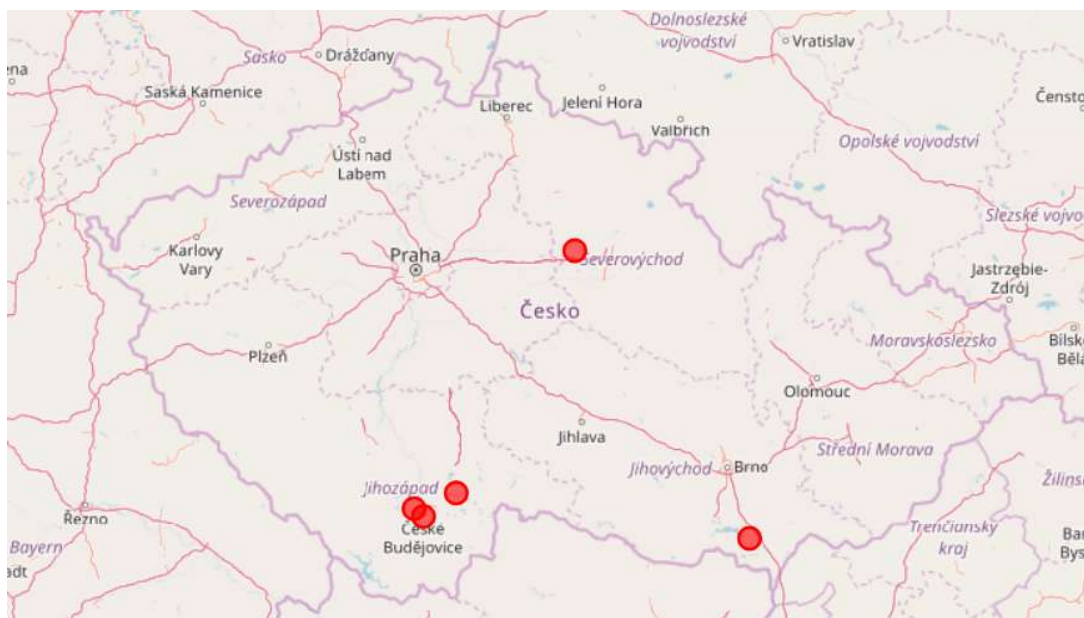
- *Central Bohemian Region (3 outbreaks)*
- *South Moravian Region*
- *Vysočina Region*



## ➤ WILD BIRDS

**5 HPAI H5N1 positive cases in wild birds in 3 regions:**

- *South Bohemian Region (3 cases)*
- *South Moravian Region*
- *Hradec Králové Region*



# Situation in poultry

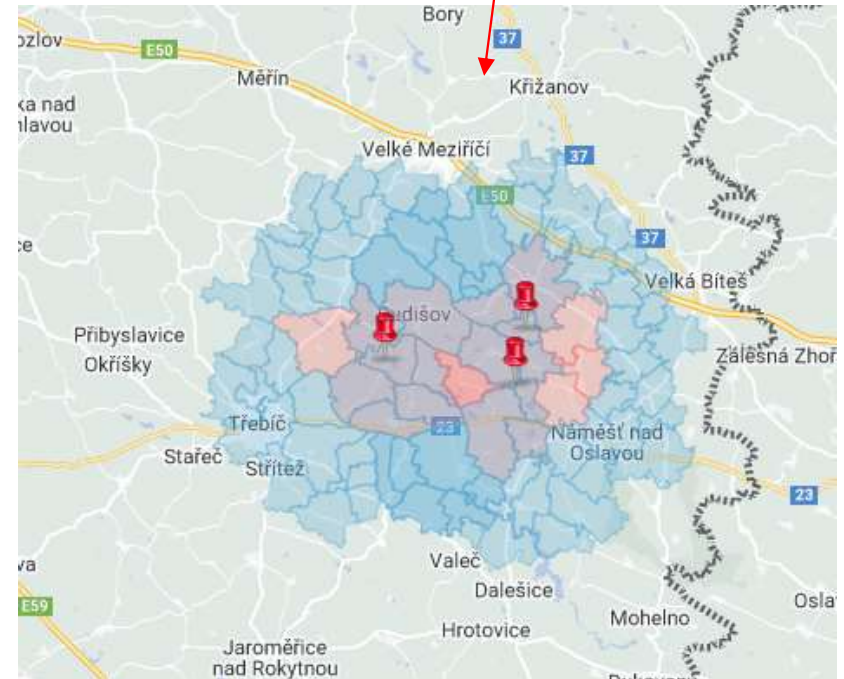
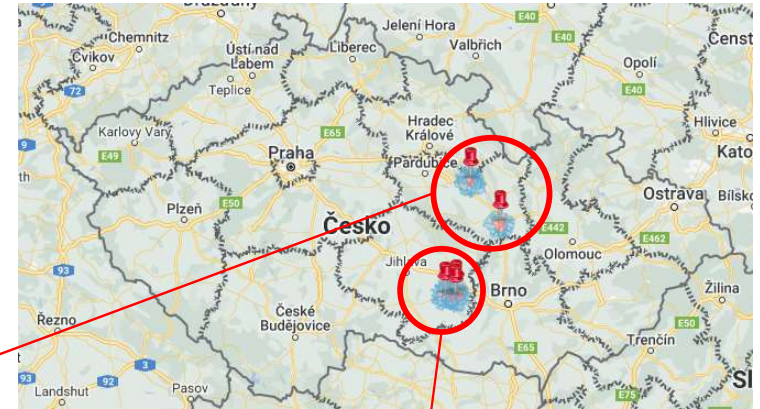
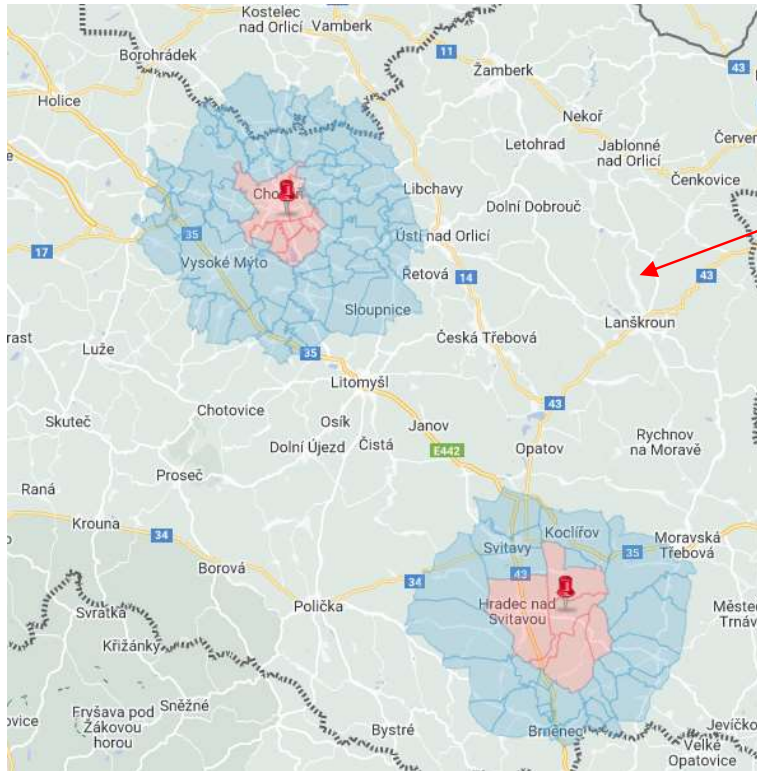
## 5 new outbreaks HPAI H5N1 in commercial poultry holdings :




- **No. HPAI-1/2024** – confirmed on 30 January 2024, *Pardubice Region*, 70 000 breeding commercial flock
  - **No. HPAI-2/2024** – confirmed on 2 February 2024, *Pardubice Region*, 20 000 breeding commercial flock
  - **No. HPAI-3/2024** – confirmed on 4 February 2024, *Vysočina Region*, 50 000 fattening ducks
  - **No. HPAI-4/2024** – confirmed on 14 February 2024, *Vysočina Region*, 11 672 breeding commercial flock
  - **No. HPAI-5/2024** – confirmed on 14 February 2024, *Vysočina Region*, 45 000 rearing flock
- poultry and poultry products for commercial use
  - a higher mortality of birds, clinical signs
  - culling of all remaining birds on affected holdings, disposal of carcasses and poultry products, preliminary cleaning and disinfection
  - restricted zones established around all outbreaks – all measures in the protection and surveillance zones are implemented in compliance with the Commission Delegated Regulation (EU) 2020/687

Source of infection: wild birds suspected (epizootological investigation is ongoing)

# Situation in poultry

5 new outbreaks HPAI H5N1 in commercial poultry holdings :



-  outbreak
-  protection zone (3 km)
-  surveillance zone (10 km)

# Situation in captive birds

## 5 new outbreaks HPAI H5N1 in backyards:

- **No.** HPAI2-14/2024 – confirmed on 5 February 2024, *Central Bohemian Region*, 16 birds (laying hens)
  - **No.** HPAI2-15/2024 – confirmed on 5 February 2024, *Central Bohemian Region*, 48 birds (laying hens, geese, ducks)
  - **No.** HPAI2-16/2024 – confirmed on 13 February 2024, *South Moravian Region*, 33 birds (laying hens, geese, ducks)
  - **No.** HPAI2-17/2024 – confirmed on 9 February 2024, *Central Bohemian Region*, 9 birds (laying hens, ducks)
  - **No.** HPAI2-18/2024 – confirmed on 14 February 2024, *Vysočina Region*, 15 birds (laying hens)
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- All poultry keepers and municipalities in radius 10 km around outbreak were informed immediately.
  - All these outbreaks involve backyard holdings with not more than 50 susceptible animals and with products intended for private use only
  - All captive birds in outbreaks were culled
  - Carcasses and products were safely disposed of in a rendering plant
  - Preliminary cleaning and disinfection were carried out immediately

# Situation in captive birds

- Protection and surveillance zones (3 and 10 km) were not established
- Final cleaning and disinfection are carried out in the outbreak site and then starts a monitoring period of 21 days

Source of infection: wild birds suspected (outdoor keeping, direct/indirect contact with wild birds can not be excluded)

# Situation in wild birds

## 5 cases HPAI H5N1 in wild birds, 12 PCR tests performed:

- **No. HPAI3-1/2024** – confirmed on 25 January 2024, *South Bohemian Region*, finding the carcass of a mallard
- **No. HPAI3-2/2024** – confirmed on 25 January 2024, *South Bohemian Region*, increased mortality of waterfowl - geese approx. 25 pcs, heron, swan, mallard
- **No. HPAI3-3/2024** – confirmed on 2 February 2024, *South Moravian Region*, increased mortality of mute swans (15 pcs)
- **No. HPAI3-4/2024** – confirmed on 9 February 2024, *Hradec Králové Region*, increased mortality of mute swans (20 pcs)
- **No. HPAI3-5/2024** – confirmed on 9 February 2024, *South Bohemian Region*, increased mortality of waterfowl (1x mallard, 2x geese)



**Thank you  
for your attention**