



State  
Veterinary  
Administration

# Highly Pathogenic Avian Influenza in Czechia

(Update situation and measures in place)

PAFF meeting, 15 December 2021

# Current situation

Since the last SCoPAFF (on 16 November 2021) 4 new HPAI outbreaks in poultry and 4 new HPAI cases in wild birds have been confirmed in the Czech Republic

## ➤ POULTRY

**4 HPAI H5N1 outbreaks** in 3 regions – backyards and commercial holdings

- *South Bohemian Region* (2 outbreaks – commercial holdings)
- *South Moravian Region* (1 outbreak)
- *Plzeň Region* (1 outbreak)

**In total of 43 HPAI outbreaks H5N8 and H5N1 in poultry were confirmed in 2021**  
(up to 10 December 2021).


## ➤ WILD BIRDS

**4 HPAI H5N1 cases** in 4 regions

- *Hradec Králové Region* – 1 mute swan (*Cygnus olor*)
- *Zlín Region* – 5 mute swans (*Cygnus olor*)
- *Olomouc Region* – 1 mute swan (*Cygnus olor*)
- *Liberec Region* – 4 grey herons (*Ardea cinerea*), 4 great egrets (*Ardea alba*)

**In total of 33 HPAI cases H5N8, H5N5 and H5N1 in wild birds were confirmed in 2021**  
(up to 10 December 2021).



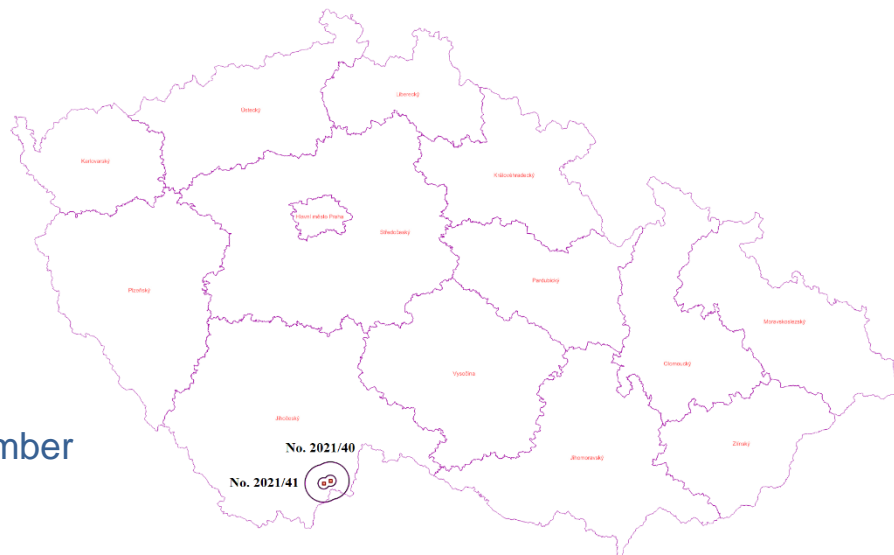
-  Highly pathogenic avian influenza (poultry)
-  Highly pathogenic influenza A viruses (Inf. with)(non-poultry including wild birds)

# Situation in poultry

## COMMERCIAL HOLDINGS

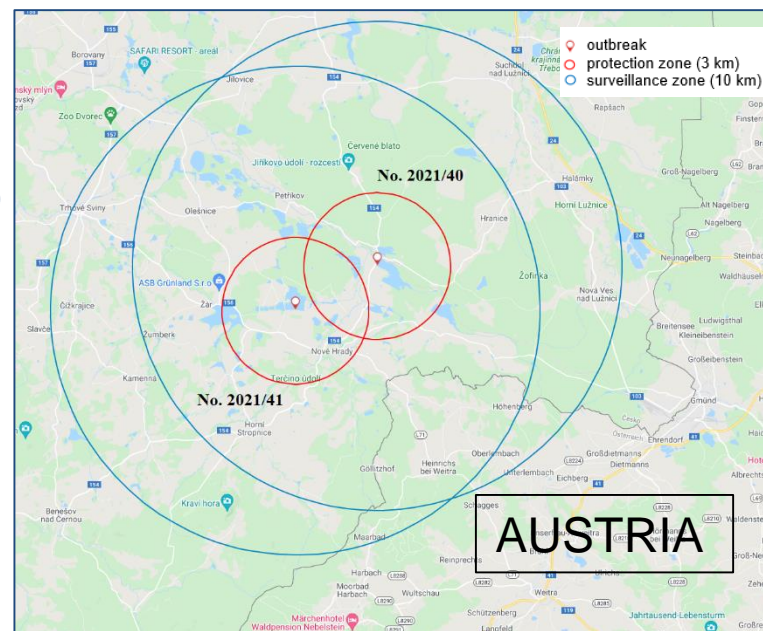
### Outbreak No. 2021/40 - South Bohemian Region

- free range breeding geese (809 geese)
- clinical sings and high mortality (69 geese)
- laying hens and breeding ducks were also kept in the holding (without clinical sings or a high mortality)
- AI H5N1 confirmed on 18 November 2021
- HPAI confirmed on 19 November 2021
- Culling of animals (a total of 1 156 birds) on 22 November 2021



### Outbreak No. 2021/41 - South Bohemian Region

- free range breeding geese (1 665 geese)
- **a high genetic value of birds**
- samples were taken due to the epidemiological investigation in the restricted zone of the previous HPAI outbreak (2021/40)
- **without** clinical sings or a high mortality
- AI H5N1 confirmed on 20 November 2021
- HPAI confirmed on 23 November 2021
- Culling of animals (a total of 1 665 birds) on 23 and 27 November 2021



No animals or products have been moved from the outbreaks to other EU Member States in the relevant 21 days bevor the outbreaks

The surveillence zone extended beyond the territory of the Czech Republic to Austria

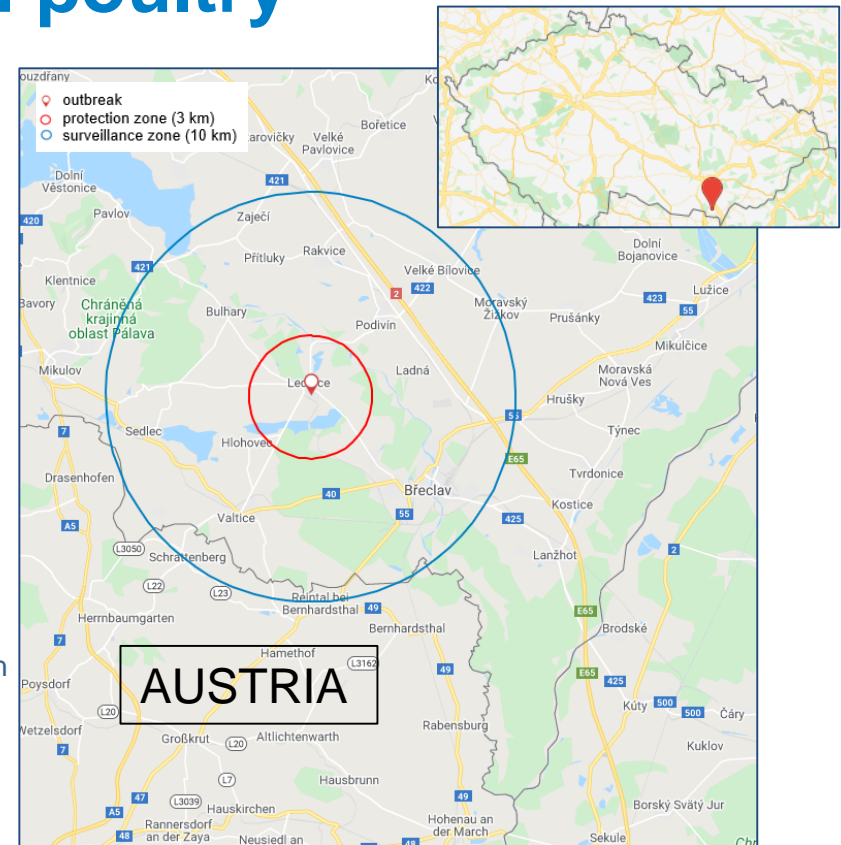
# Situation in poultry

## BACKYARDS

### Outbreak No. 2021/42 - South Moravian Region

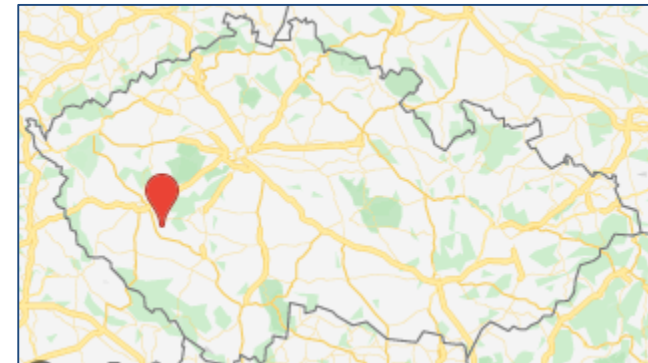
- backyard flock with 132 birds (laying hens, quails, guineafowls)
- with a high mortality of birds
- poultry products were intended for private use only
- AI H5N1 confirmed on 26 November 2021
- HPAI confirmed on 29 November 2021
- Culling of animals (a total of 124 birds) on 27 November 2021

The surveillance zone extended beyond the territory of the Czech Republic to Austria



### Outbreak No. 2021/43 – Plzeň Region

- backyard flock with 124 birds (chickens, ducks)
- with a high mortality of birds
- poultry products were intended for private use only
- AI H5N1 confirmed on 30 November 2021
- HPAI confirmed on 1 December 2021
- Culling of animals (a total of 107 birds) on 1 December 2021



# Measures in the affected holdings (outbreaks)

## Preliminary measures

- Census of susceptible animals
- Biosecurity - to keep birds on their living places
- Ban of all movement of poultry, poultry products, by-products
- Disinfection

## Control measures

- Culling and disposal of all remaining poultry on the affected farms
- Disposal of poultry products
- Cleaning and disinfection
- Identification of movements of poultry, poultry products, persons, mammals, vehicles and other equipment by which the avian influenza virus could have spread (21 days back since the first occurrence of clinical signs)

## Epidemiological investigation:

**Source of infection:** The most probable way of introduction of the virus in the holdings was the direct or indirect contact to infected wild birds.

## Measures in the protection zones

- Census of all poultry holdings \*
- To keep birds in closed facilities
- Ban of all movement of poultry, poultry products, by-products
- Disinfection and biosecurity measures on poultry holdings
- Poultry health monitoring, changes to be reported to the Regional Veterinary Administration (RVA)
- Ban of poultry and other birds exhibitions and markets
- Ban of the release of birds for restocking
- Official checks of poultry holdings and sampling – ongoing

\* online recording questionnaire

## Measures in the surveillance zones

- Census of poultry holdings \*
- Ban of all movement of poultry and poultry products (derogation approved by RVA only)
- Disinfection and biosecurity measures on poultry holdings
- Poultry health monitoring, changes to be reported to the RVA
- Ban of poultry and other birds exhibitions and markets
- Ban of the release of birds for restocking
- Official checks of poultry holdings and sampling – ongoing

\* online recording questionnaire

# Veterinary measures on the whole territory of the Czech Republic

On 23 November 2021 the Czech Republic has issued a “housing order” so that poultry in general has to be kept indoor due to the increasing risk of HPAI.

The compulsory housing order require all poultry to be housed indoors to protect the poultry from contact with wild birds. The housing order applies to the whole country and to all categories of poultry with certain exemptions for animal welfare reasons.

**Thank you  
for your attention**