



State
Veterinary
Administration

Highly Pathogenic Avian Influenza in Czechia (Update 2)

PAFF meeting, 23 April 2021

Highly Pathogenic Avian Influenza in Czechia

Occurrence of HPAI in 2021

➤ POULTRY

35 HPAI H5N8 outbreaks in 9 regions

13 commercial holdings

- 1 holding with laying hens
- 12 holdings with duck breeders

22 backyard holdings

- Hradec-Králové Region (11 outbreaks)
- Central Bohemian Region (9 outbreaks)
- South Bohemian Region (5 outbreaks)
- Plzeň Region (3 outbreaks)
- Pardubice Region (2 outbreaks)
- Moravian-Silesian Region (2 outbreaks)
- Vysočina Region (1 outbreak)
- Ústí nad Labem Region (1 outbreak)
- Zlín Region (1 outbreak)

➤ CAPTIVE BIRDS

1 HPAI H5N8 outbreak in 1 region

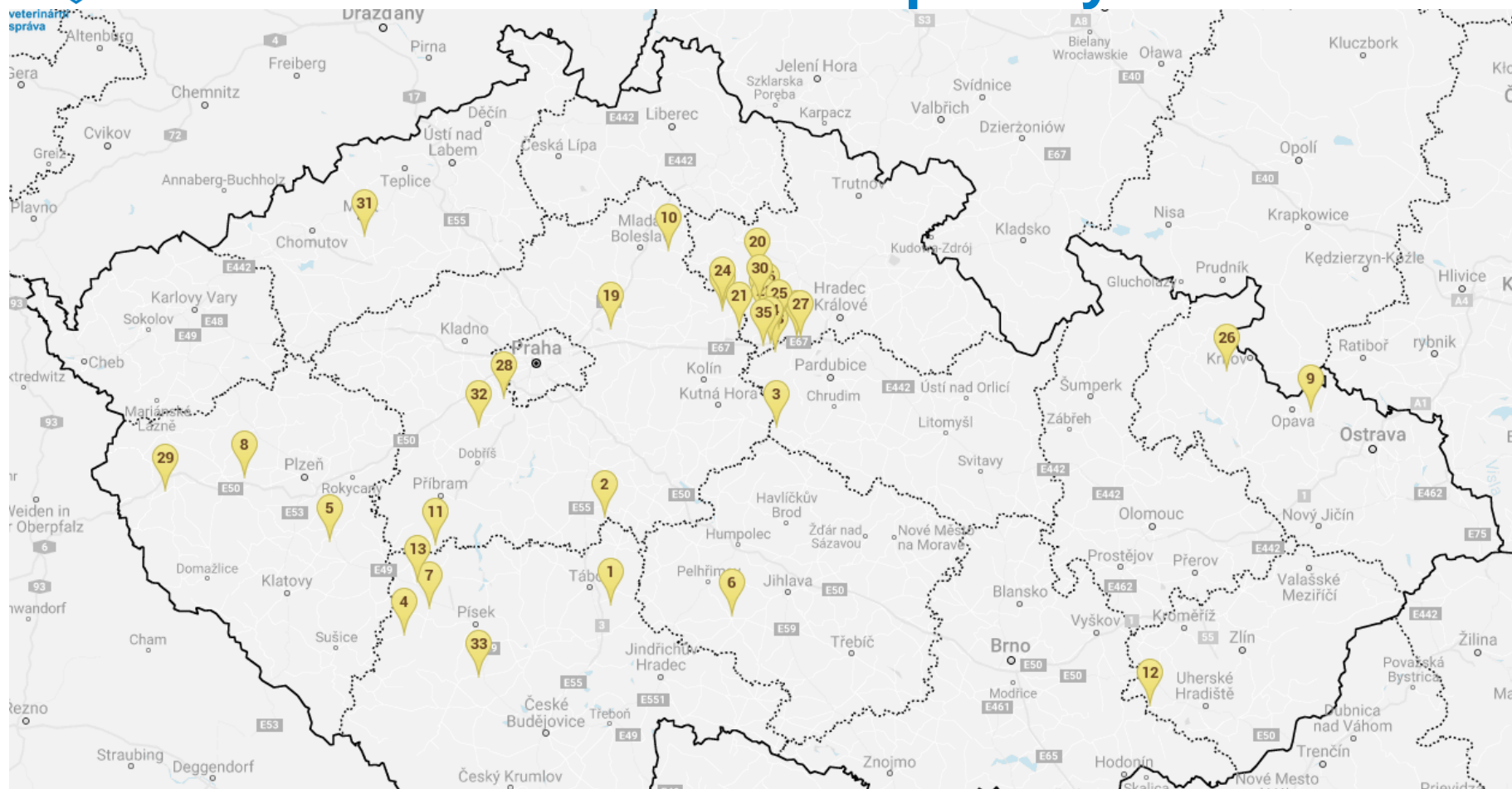
- Ústí nad Labem Region (1 outbreak)

➤ WILD BIRDS

19 HPAI H5N8, H5N5 cases in 8 regions

- South Bohemian Region (5 cases)
- Central Bohemian Region (4 cases)
- Zlín Region (3 cases)
- Olomouc Region (3 cases)
- Liberec Region (1 case)
- Capital city Prague (1 case)
- Ústí nad Labem Region (1 case)
- Moravian-Silesian Region (1 case)

HPAI outbreaks in poultry in 2021



| | | | | | | | | |
|----|---------------------|--------------------------|----|-----------------|-------------------------|----|-----------------|--------------------------|
| 1 | Dlouhá Lhota | South Bohemian Region | 13 | Blatná | South Bohemian Region | 26 | Loučky u Zátoru | Moravian-Silesian Region |
| 2 | Podolí u Jankova | Central Bohemian Region | 14 | Dobřenice | Hradec Králové Region | 27 | Dobřenice | Hradec Králové Region |
| 3 | Ronov nad Doubravou | Pardubice Region | 15 | Zábědov | Hradec Králové Region | 28 | Třebotov | Central Bohemian Region |
| 4 | Katovice | South Bohemian Region | 16 | Chudonice | Hradec Králové Region | 29 | Vysočany u Boru | Plzeň Region |
| 5 | Bzí | Plzeň Region | 17 | Vinice | Central Bohemian Region | 30 | Starý Bydžov | Hradec Králové Region |
| 6 | Horní Cerekev | Vysočina Region | 18 | Vápno | Pardubice Region | 31 | Polerady | Ústí nad Labem Region |
| 7 | Rojice | South Bohemian Region | 19 | Čelákovice | Central Bohemian Region | 32 | Hodyně | Central Bohemian Region |
| 8 | Hněvnice | Plzeň Region | 20 | Vysoké Veselí | Hradec Králové Region | 33 | Vodňany | South Bohemian Region |
| 9 | Velké Hoštice | Moravian-Silesian Region | 21 | Slibovice | Central Bohemian Region | 34 | Klamoš | Hradec Králové Region |
| 10 | Březno | Central Bohemian Region | 22 | Kosičky-Třesice | Hradec Králové Region | 35 | Nové Město | Hradec Králové Region |
| 11 | Počaply | Central Bohemian Region | 23 | Luková | Hradec Králové Region | | | |
| 12 | Osvětimany | Zlín Region | 24 | Záhornice | Central Bohemian Region | | | |
| | | | 25 | Kosičky | Hradec Králové Region | | | |

Measures on affected holdings (outbreaks)

(in accordance with the Council Directive 2005/94/EC)

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 farm
- Disposal of poultry products
- Cleaning and disinfection
- Epidemiological investigation
- Identification of movements of poultry, poultry products, other captive birds, 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)

Measures in 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 Regional Veterinary Administration (RVA)
 - Ban of poultry and other birds exhibitions and markets
 - Ban of the release of birds for restocking
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- Official checks of poultry holdings and sampling according to Diagnostic Manual

Measures in surveillance zones

- Census of commercial poultry holdings *
- Ban of all movement of poultry and poultry products (derogation approved by RVA only)
- Disinfection and biosecurity measures on poultry holdings
- Ban of poultry and other birds exhibitions and markets
- Ban of the release of birds for restocking

Commercial duck breeders holdings - overview

The affected holdings belong to the same company.

The company owns 25 duck holdings and 1 hatchery in 3 region in the Czech Republic:

□ Hradec Králové Region

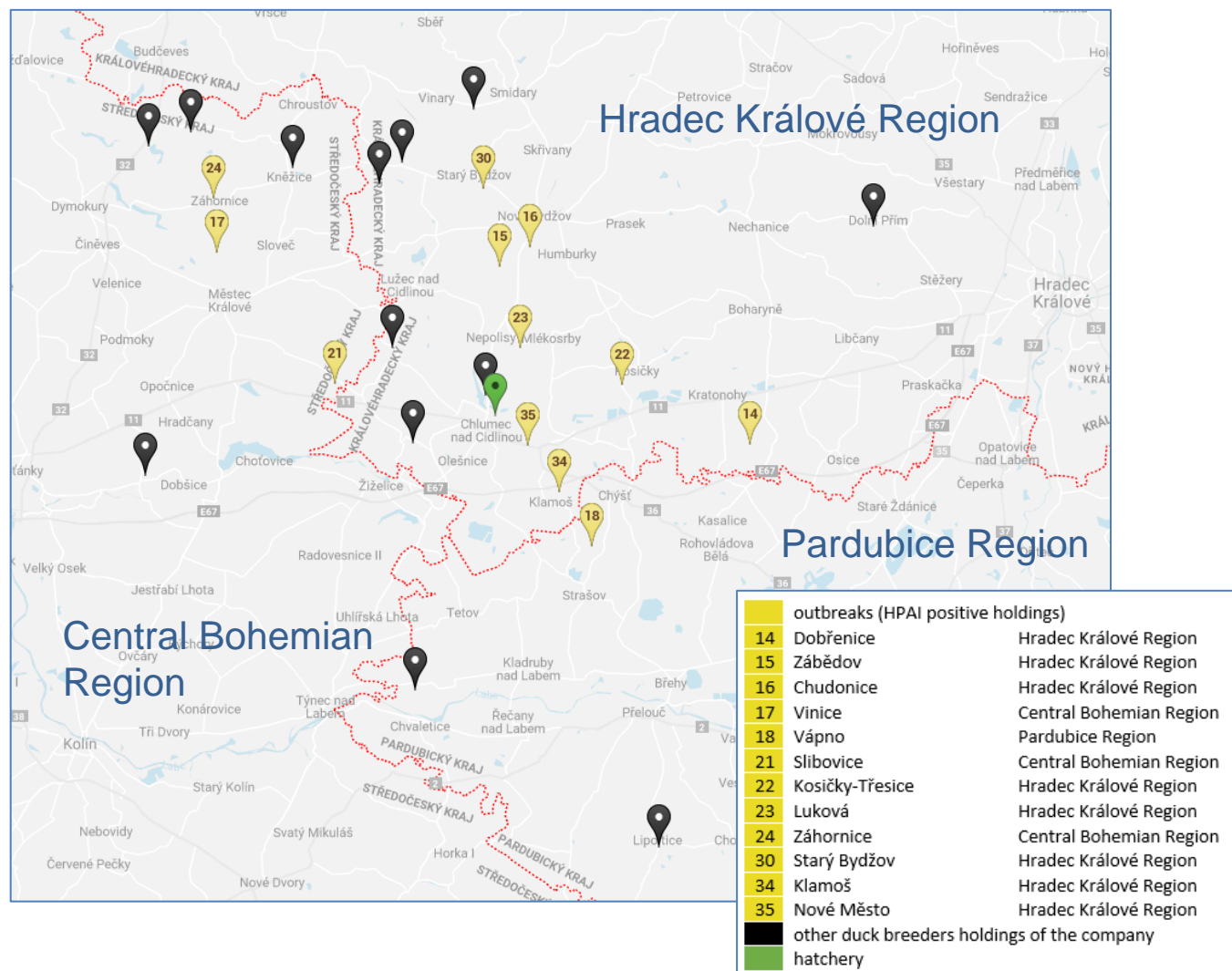
- hatchery
- 15 duck holdings

□ Central Bohemian Region

- 7 duck holdings

□ Pardubice Region

- 3 duck holdings



Commercial duck breeders holdings - outbreaks

| ADNS reference No. | Date of confirmation of AI of subtype H5N8 | Date of confirmation of HPAI | Number of ducks | Affected holding | Region/district |
|--------------------|--|------------------------------|-----------------|------------------|--------------------------------------|
| 2021/14 | 19. 3. 2021 | 22. 3. 2021 | 28 892 | Dobřenice | Hradec Králové Region/Hradec Králové |
| 2021/15 | 19. 3. 2021 | 22. 3. 2021 | 14 486 | Zábědov | Hradec Králové Region/Hradec Králové |
| 2021/16 | 19. 3. 2021 | 23. 3. 2021 | 8 750 | Chodonice | Hradec Králové Region/Hradec Králové |
| 2021/17 | 19. 3. 2021 | 23. 3. 2021 | 2 966 | Vinice | Central Bohemian Region/Nymburk |
| 2021/18 | 19. 3. 2021 | 23. 3. 2021 | 3 346 | Vápno | Pardubice Region/Pardubice |
| 2021/21 | 26. 3. 2021 | 16. 4. 2021 | 7 300 | Slibovice | Central Bohemian Region/Nymburk |
| 2021/22 | 26. 3. 2021 | 30. 3. 2021 | 1 850 | Kosičky-Třesice | Hradec Králové Region/Hradec Králové |
| 2021/23 | 26. 3. 2021 | 30. 3. 2021 | 3 360 | Luková | Hradec Králové Region/Hradec Králové |
| 2021/24 | 29. 3. 2021 | 16. 4. 2021 | 7 760 | Záhornice | Central Bohemian Region/Nymburk |
| 2021/30 | 7. 4. 2021 | 9. 4. 2021 | 9 408 | Starý Bydžov | Hradec Králové Region/Hradec Králové |
| 2021/34 | 18. 4. 2021 | not completed | 5 600 | Klamoš | Hradec Králové Region/Hradec Králové |
| 2021/35 | 18. 4. 2021 | not completed | 8 000 | Nové Město | Hradec Králové Region/Hradec Králové |

Commercial duck breeders holdings – additional measures on remaining holdings

- Ban of the movement of ducks and hatching eggs
- Disinfection
- Sampling for PCR testing on all holdings **once a week** according to Diagnostic Manual
- Official checks on the clinical condition of ducks **once a week**
- Identification of all consignments of live ducks (ducklings for breeding and ducks for slaughter) and hatching eggs dispatched to the Member States (MS): Poland, Romania, Germany, Bulgaria, Croatia, Slovakia, Hungary – all MS have already been informed
- Epidemiological investigation

Wild birds - cases description

From January,1 to April,21 in total 19 HPAI cases (in 37 birds) were registered (subtype H5N8,H5N5)

- No. 2021/1 (21. 1. 2021) – 2 mute swans (*Cygnus olor*), South Bohemian Region (district Písek)
- No. 2021/2 (25. 1. 2021) – 1 mute swan (*Cygnus olor*), 5 mallards (*Anas platyrhynchos*), South Bohemian Region (district Písek)
- No. 2021/3 (25. 1. 2021) – 1 mute swan (*Cygnus olor*), South Bohemian Region (district České Budějovice)
- No. 2021/4 (4. 2. 2021) – 1 mute swan (*Cygnus olor*), South Bohemian Region (district Strakonice)
- No. 2021/5 (5. 2. 2021) – 2 mute swans (*Cygnus olor*), South Bohemian Region (district Tábor)
- No. 2021/6 (16. 2. 2021) – 5 mute swans (*Cygnus olor*), Liberec Region (district Liberec)
- No. 2021/7 (22. 2. 2021) – 1 mute swan (*Cygnus olor*), Central Bohemian Region (district Nymburk)
- No. 2021/8 (26. 2. 2021) – 1 mute swan (*Cygnus olor*), Central Bohemian Region (district Praha-východ)
- No. 2021/9 (2. 3. 2021) – 2 mallards (*Anas platyrhynchos*), Zlín Region (district Zlín)
- No. 2021/10 (3. 3. 2021) **H5N5** – 1 mute swan (*Cygnus olor*), Zlín Region (district Kroměříž)
- No. 2021/11 (3. 3. 2021) – 1 mute swan (*Cygnus olor*), Olomouc Region (district Jeseník)
- No. 2021/12 (3. 3. 2021) – 2 mute swans (*Cygnus olor*), Capital Prague
- No. 2021/13, 2021/14 (4. 3. 2021) – 6 mute swans (*Cygnus olor*), Central Bohemian Region (district Mladá Boleslav)
- No. 2021/15 (4. 3. 2021) – 1 mute swan (*Cygnus olor*), Ústí nad Labem Region (district Louny)
- No. 2021/16, 2021/17 (10. 3. 2021) – 3 mute swans (*Cygnus olor*), Olomouc Region (district Olomouc)
- No. 2021/18 (10. 3. 2021) – 1 mute swan (*Cygnus olor*), Zlín Region (district Uherské Hradiště)

New case since the last PAFF meeting

- **No. 2021/19** (12. 3. 2021) – 1 mute swan (*Cygnus olor*), Moravian-Silesian Region (district Opava)

**Thank you
for your attention**