



HIGHLY PATHOGENIC AVIAN INFLUENZA

State of play (EU and globally)

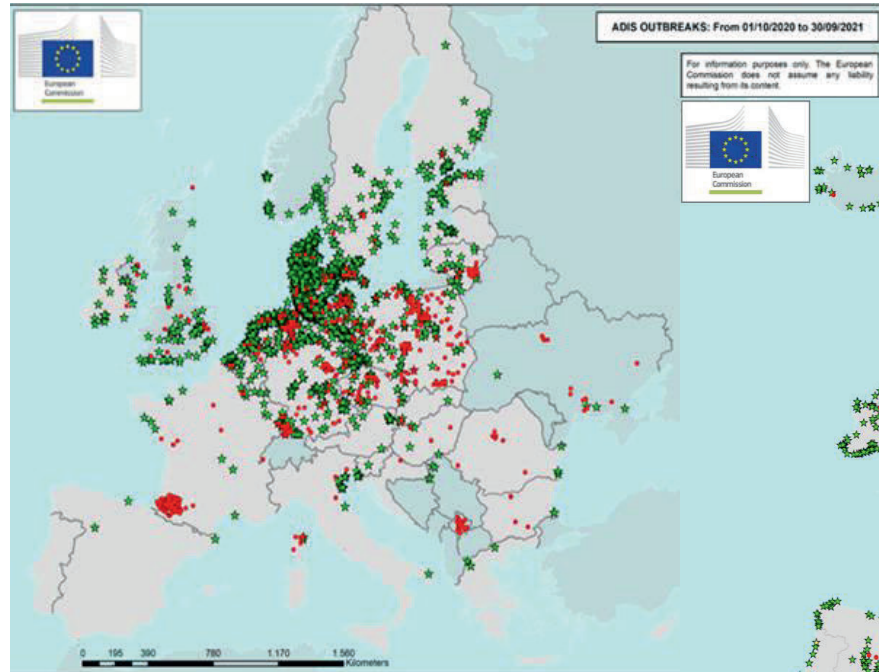
AHAC 2 June 2023

European Commission,
DG Health and Food Safety
Unit G2 – Animal Health

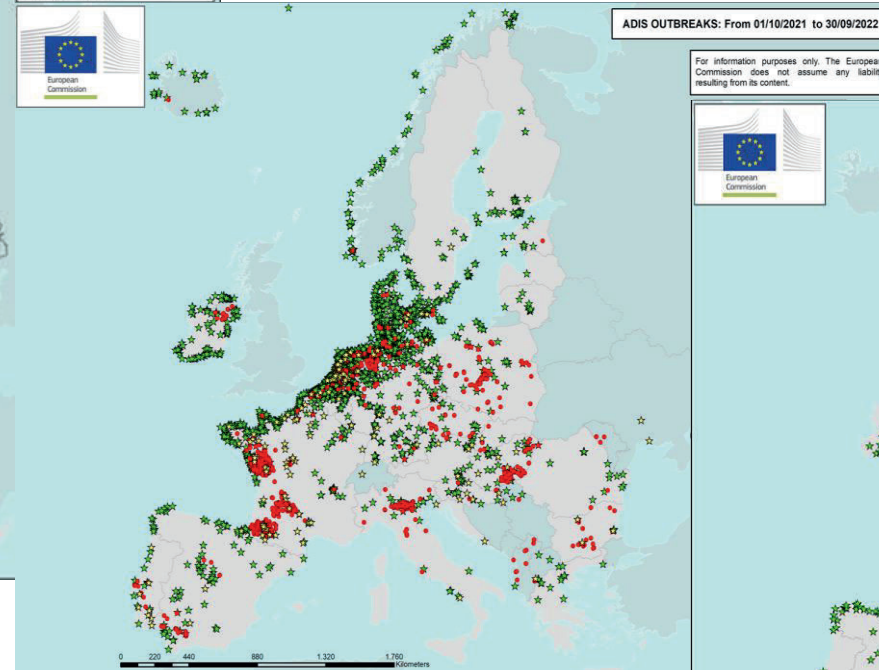
HPAI in the EU

HPAI in Europe in birds in 2020 - 2023

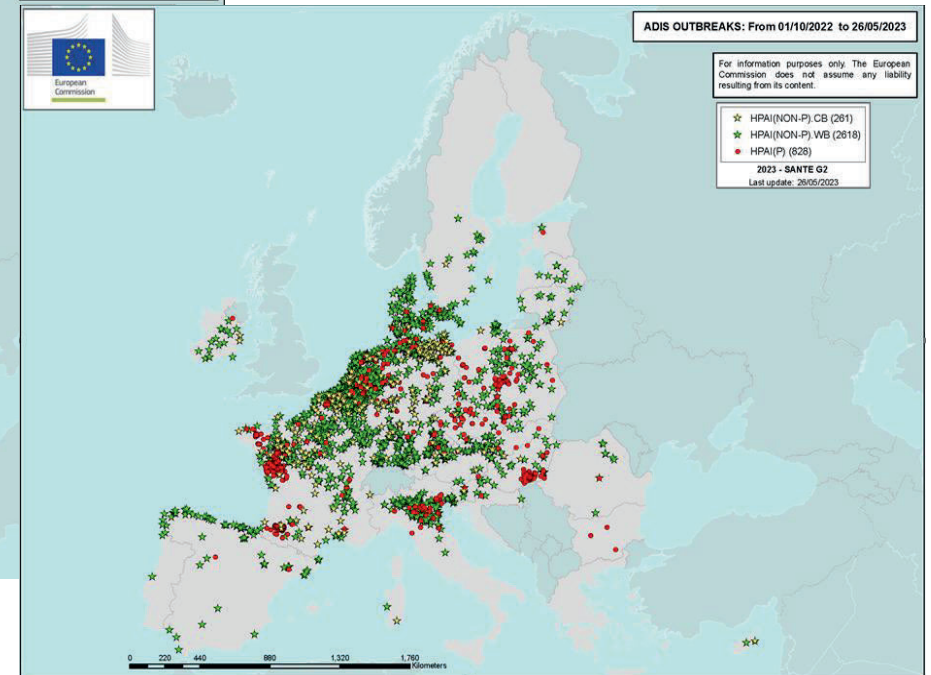
Oct 2020 – Sept 2021



Oct 2021 – Sept 2022



Oct 2022 – 25 May 2023



Virus spread with wild birds in all parts of Europe

Recurrent clusters in poultry in certain areas with high density of certain poultry production

Number of HPAI detections 2020-2023

Distribution of total number of HPAI virus detections reported in Europe by week of suspicion and

- affected poultry categories (up)
- affected wild bird categories (down)

Poultry:

- High peaks of outbreaks in the past
- Currently reduced number of outbreaks
- Main affected specie: ducks

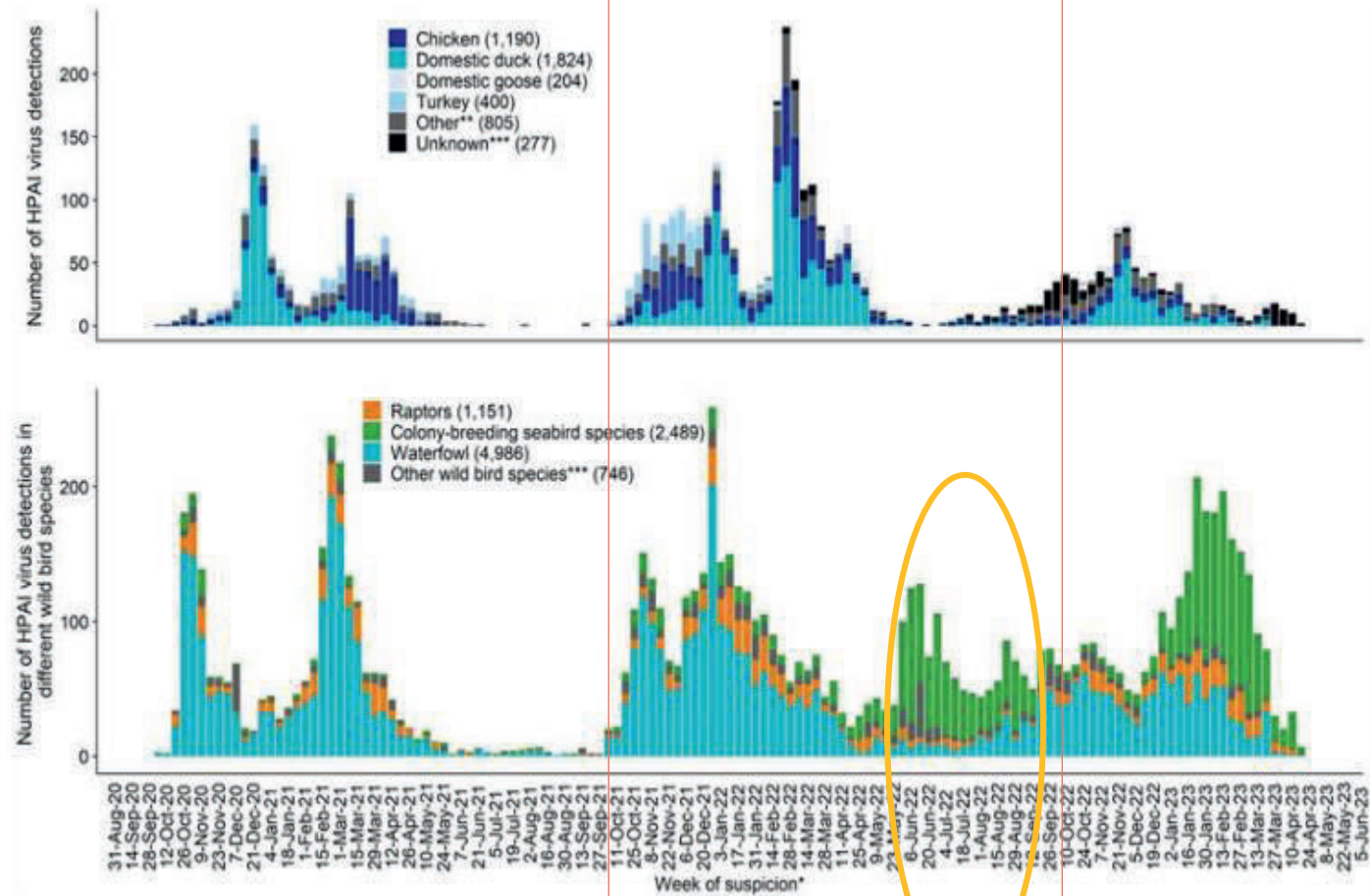
Wild birds:

- Seasonality in the past, related with autumn and spring migration
- Main affected species: waterfowl
- Worrying trend since spring 2022:
 - Persistence of HPAI virus in wild birds during summer
 - new species highly affected playing a role in spreading, i.e. seabirds breeding in colonies

2020-2021 epidemic season

2021-2022 epidemic season

2022-2023 epidemic season



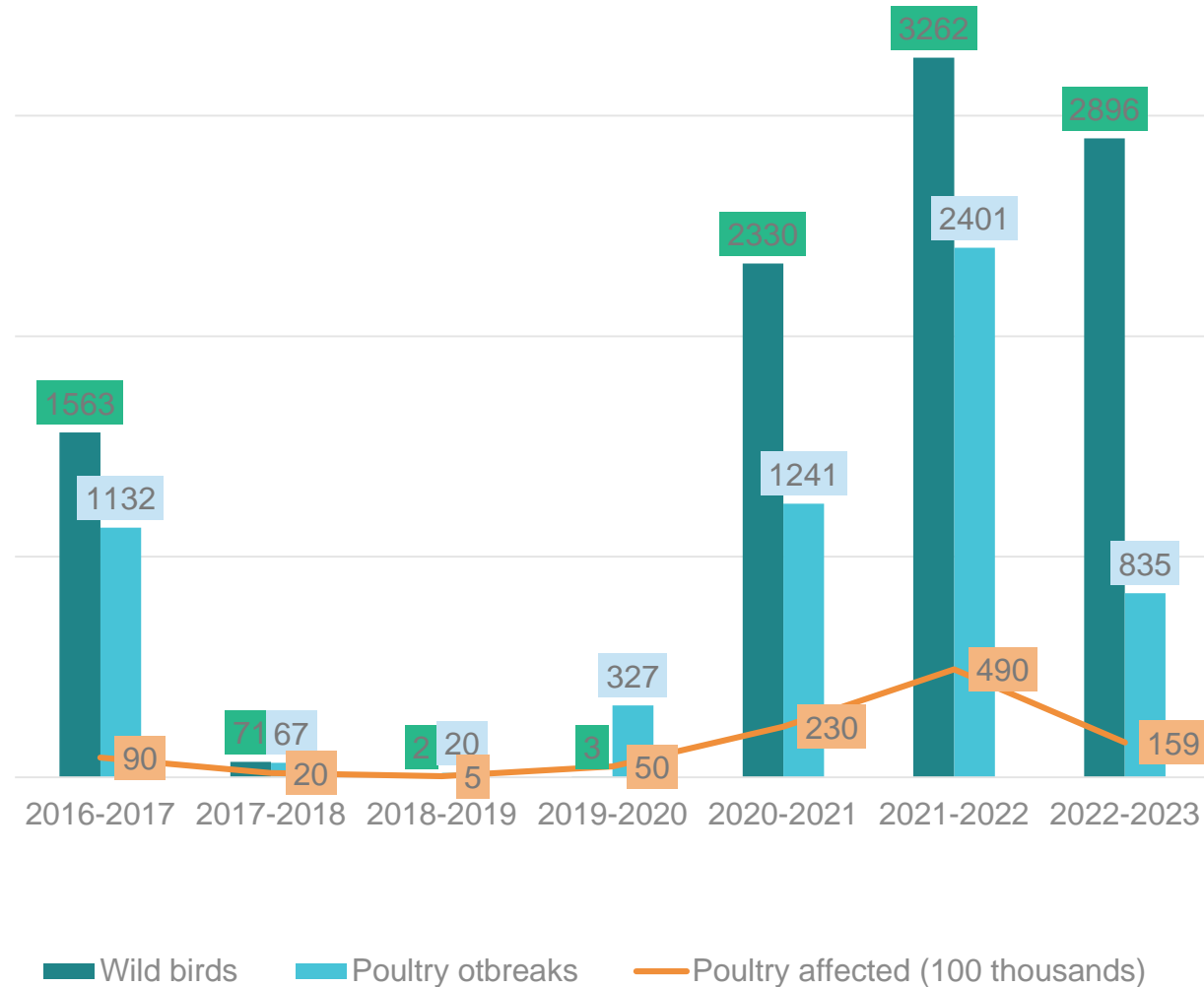
Source EFSA

Summary of HPAI epidemic seasons in figures

2022-2023 the most severe HPAI epidemic season ever experienced by EU with the highest number of outbreaks in wild birds and poultry

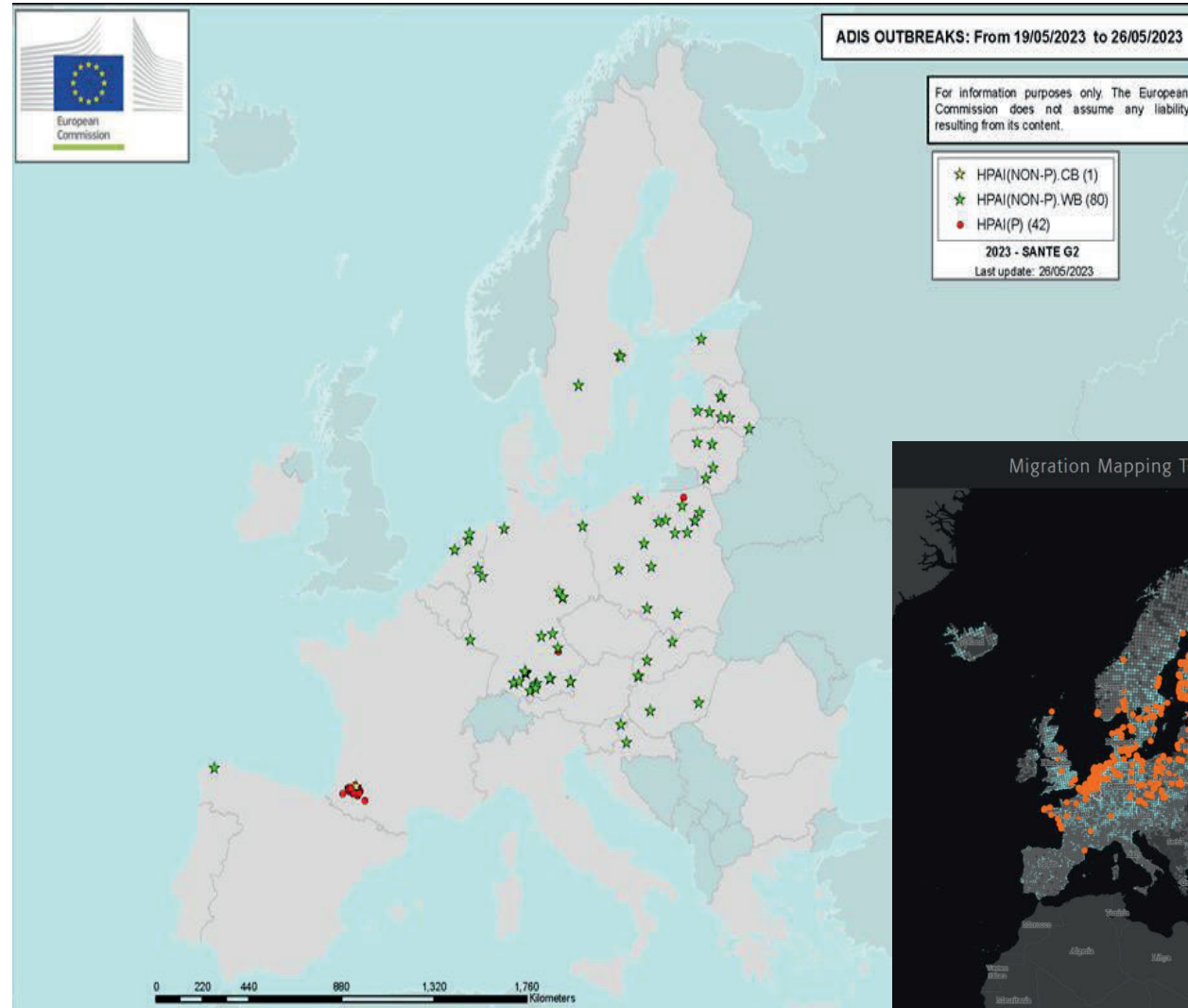
Current epidemic season:

- still high number of outbreaks in wild birds
- less outbreaks in poultry (improved biosecurity and preventive measures e.g. reduced density in high risk areas)

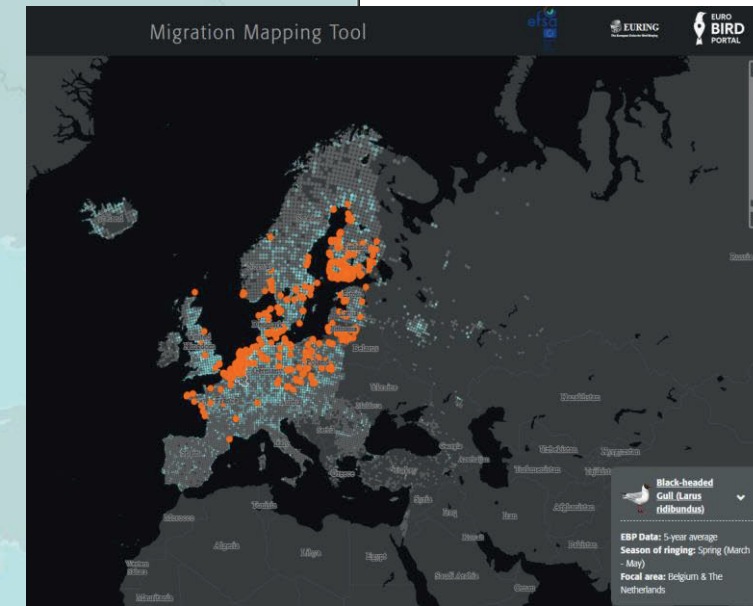


HPAI detections in EU in last week

- **80% of wild birds** detected with HPAI are of **gull species**
- **70% of the gulls** detected with HPAI are **black-headed gulls**
- Gulls **move towards** Scandinavia and NE Europe
- **Calm situation in poultry**, except South-West France



Expected movements/presence of black-headed gulls in June - July
<https://euring.org/research/migration-mapping>



Main actions of the Commission (SANTE)

<p>Regionalization</p> <p>Commission Implementing Decision for EU regionalization:</p> <p>-95 amendments since Jan. 2020</p>	<p>Legislative</p> <p>Development of specific rules for vaccination against HPAI</p> <p>Amendment of rules for:</p> <ul style="list-style-type: none"> • prevention and control • surveillance • entry into the Union 	<p>Monitor</p> <p>SANTE audits:</p> <p>Hungary – July 2020 Poland – Oct 2021 Italy - Mar 2022 Germany - May 2022 France - Sep 2022 Sweden – Nov 2022</p> <p>Support EUVET:</p> <p>France – April 2022</p> <p>Co-finance</p> <ul style="list-style-type: none"> -Emergency measures -Surveillance <p>Training</p> <p>BTSF</p>	<p>Scientific advice</p> <p>EFSA/ECDC/EURL:</p> <p>Quarterly overview reports (epidemiological situation)</p> <p>EFSA mandate for Scientific opinion on vaccination against HPAI:</p>
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Conclusions

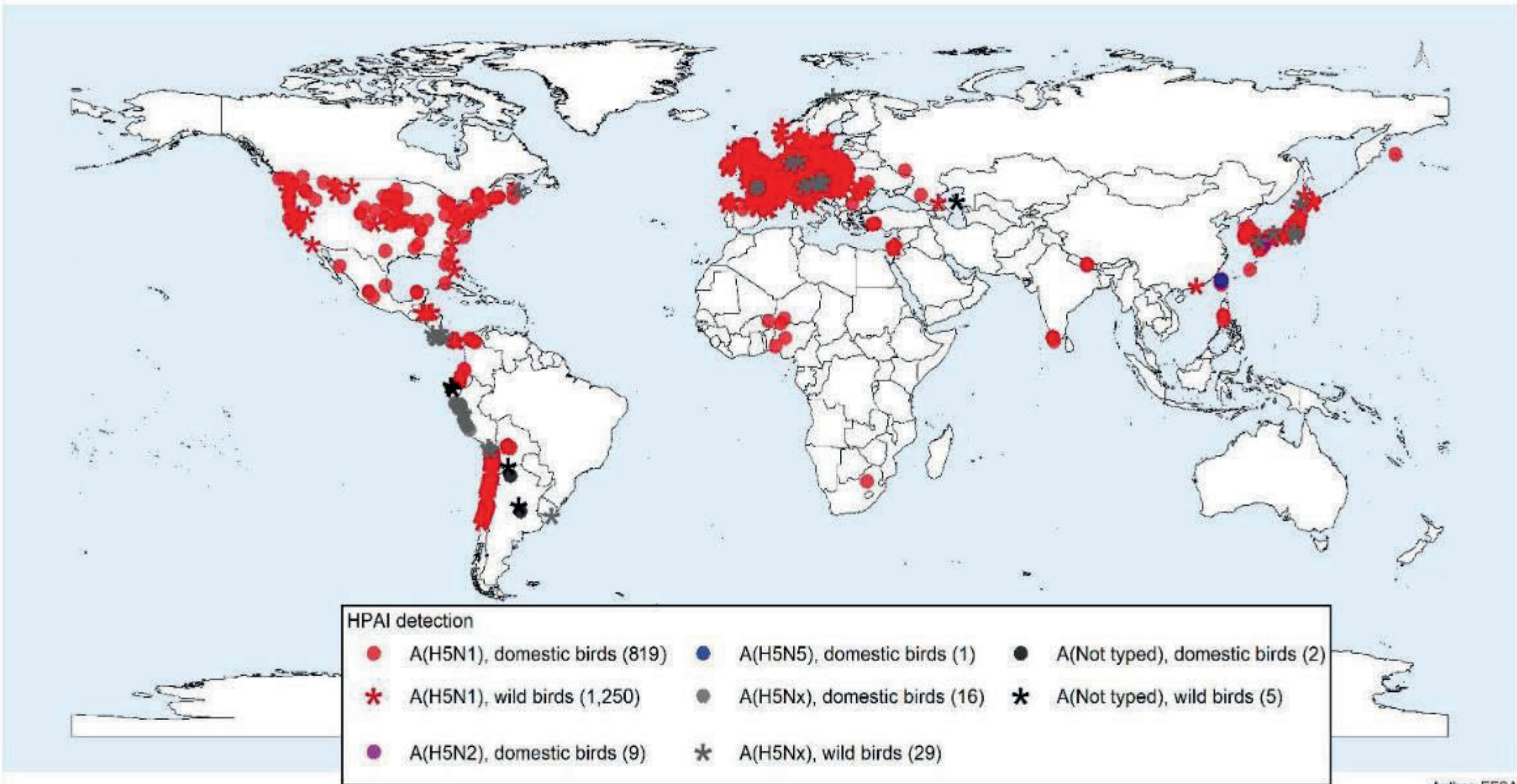
- **HPAI increased risk** for poultry in the EU since 2020
- **Recurrent clusters** in areas with high density of certain **poultry** sectors
- **In wild birds, changes** in the dynamic of HPAI (cyclicality/seasonality) and affected species

BIOSECURITY remains the **cornerstone as preventive measure** to protect poultry from infection

Other preventive/control measures (e.g. vaccination) are explored by certain MS

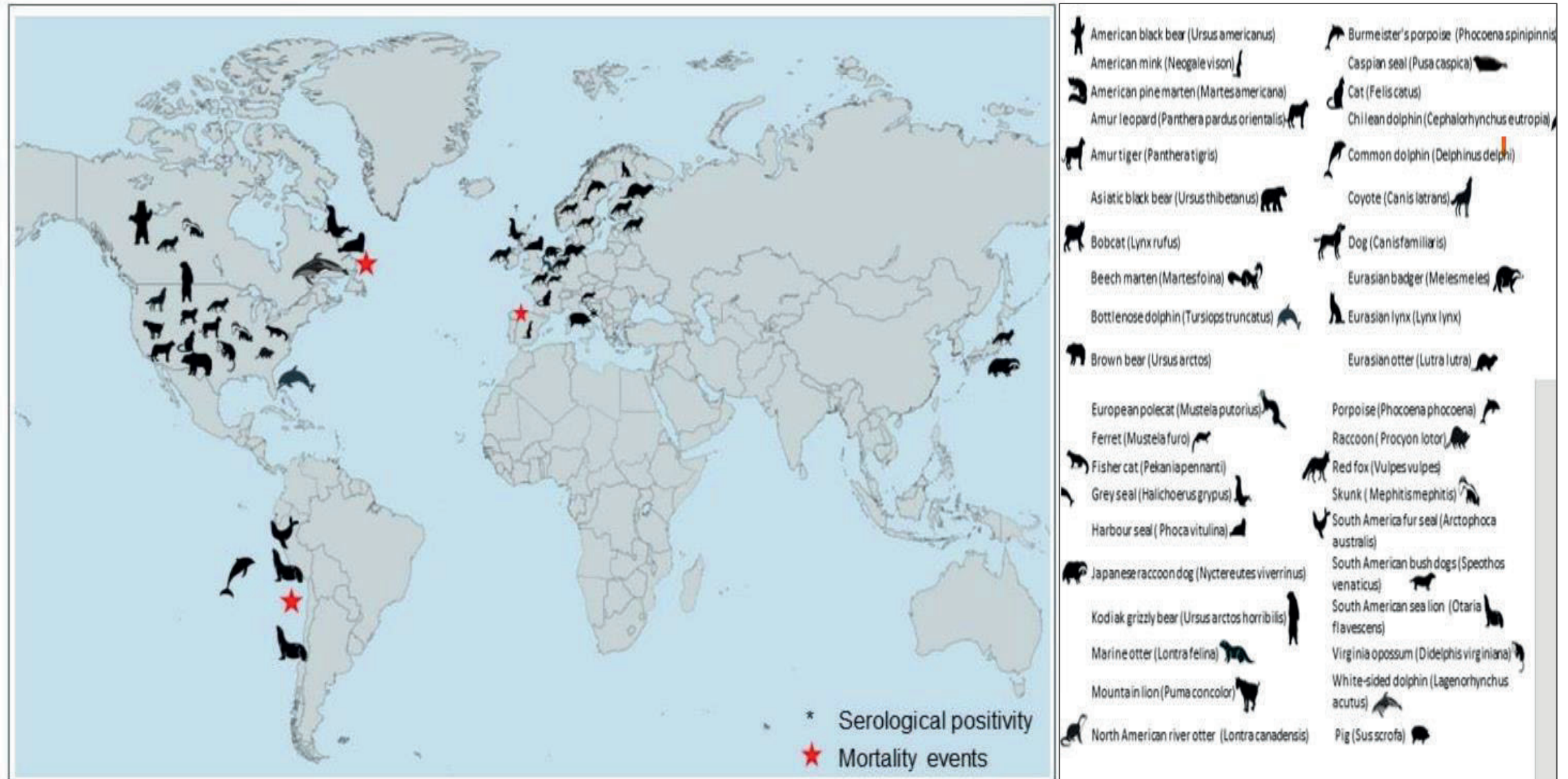
HPAI globally

State of play and HPAI regionalisation Third Countries (latest amendment of Regulation (EU) 2021/404)



Author: EFSA
 Data sources: ADIS, WOAH
 Date updated: 01/03/2023

HPAI detections in animals of mammalian species



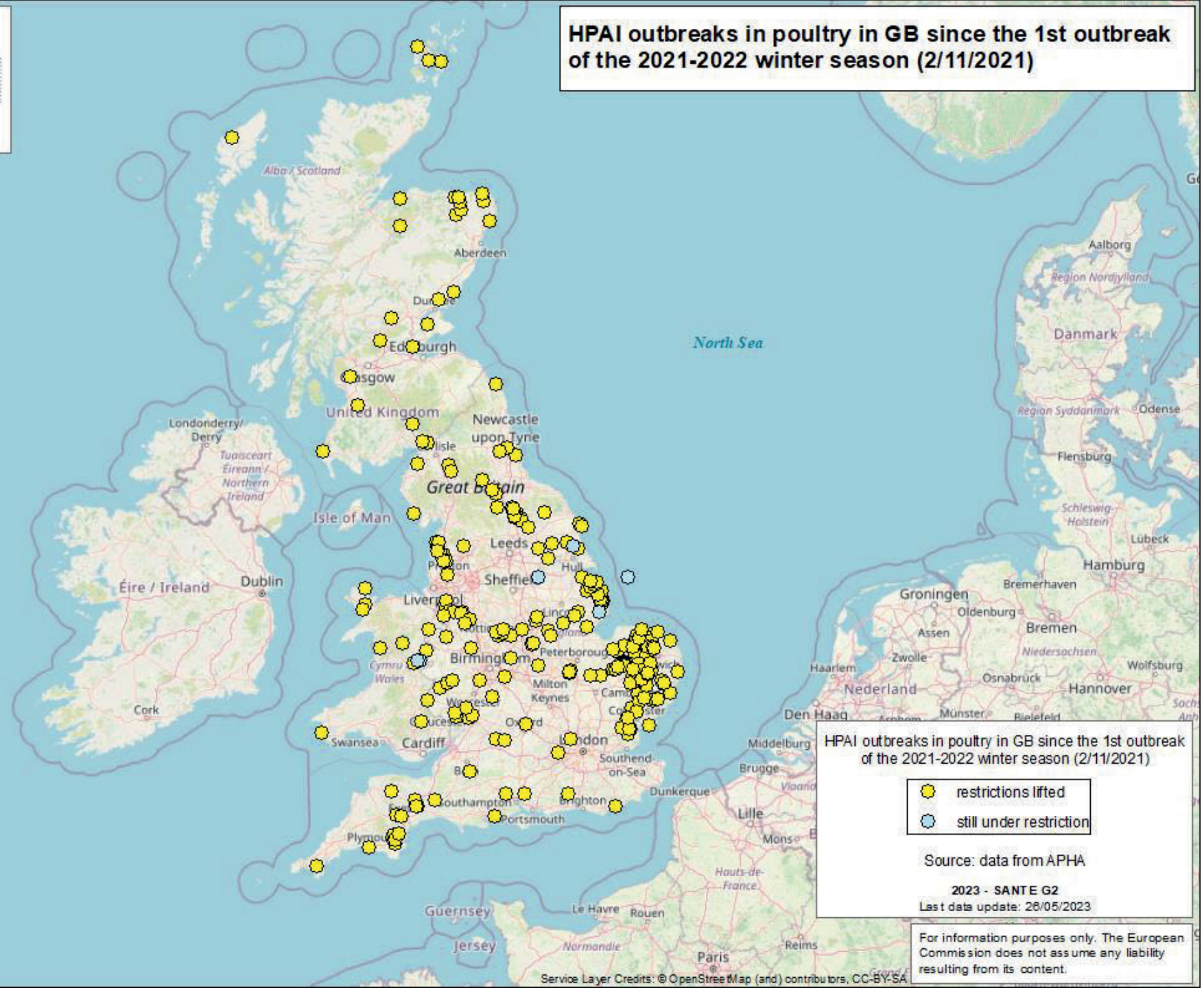
HPAI in EU's main trading partners

UK, USA, Canada, Chile

mutual recognition of regionalization



HPAI outbreaks in poultry in GB since the 1st outbreak of the 2021-2022 winter season (2/11/2021)



HPAI outbreaks in poultry in GB since the 1st outbreak of the 2021-2022 winter season (2/11/2021)

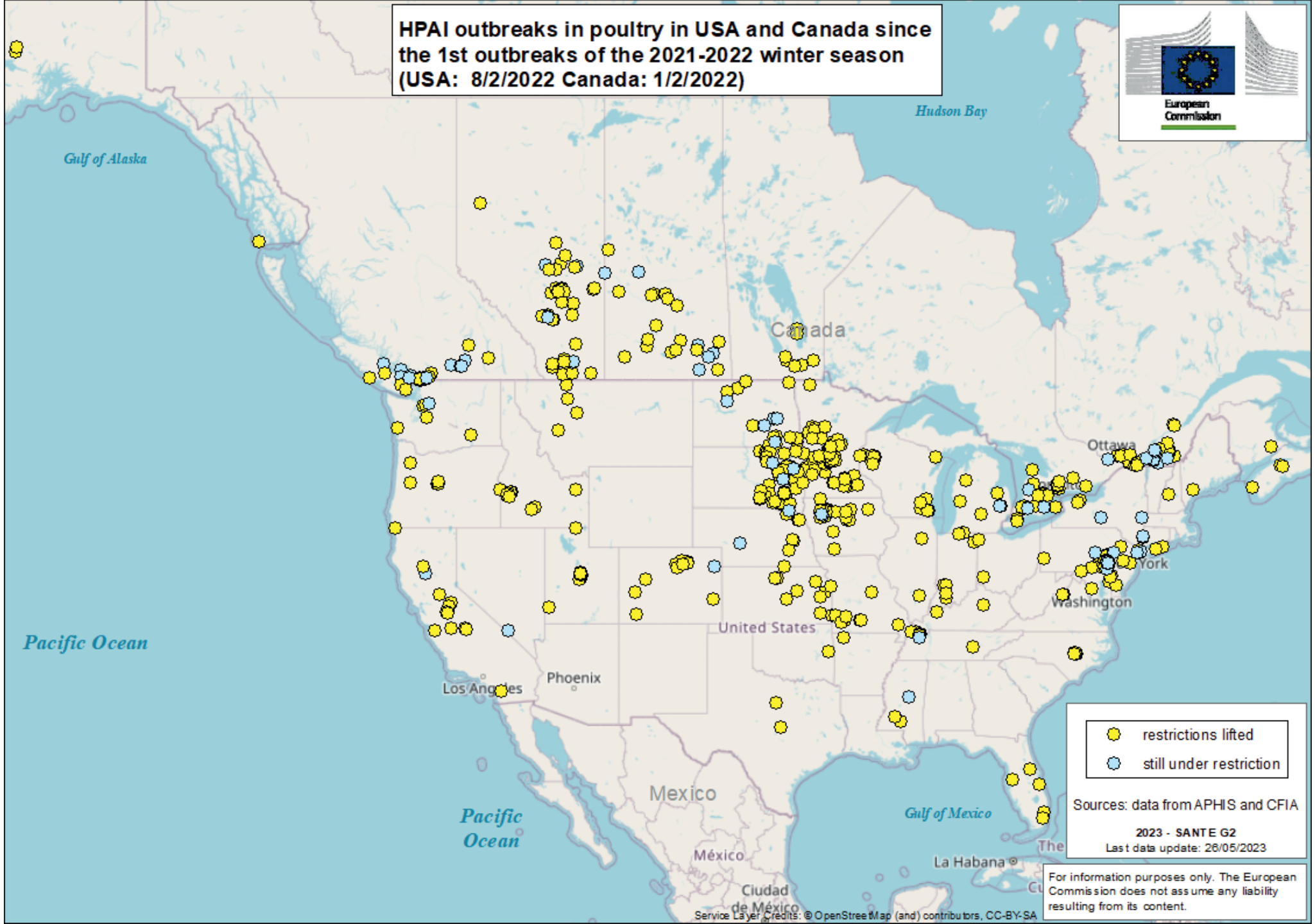
- restrictions lifted
- still under restriction

Source: data from APHA

2023 - SANTE G2
Last data update: 26/05/2023

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H5N1 outbreaks in poultry in USA and Canada since the 1st outbreaks of the 2021-2022 winter season (USA: 8/2/2022 Canada: 1/2/2022)



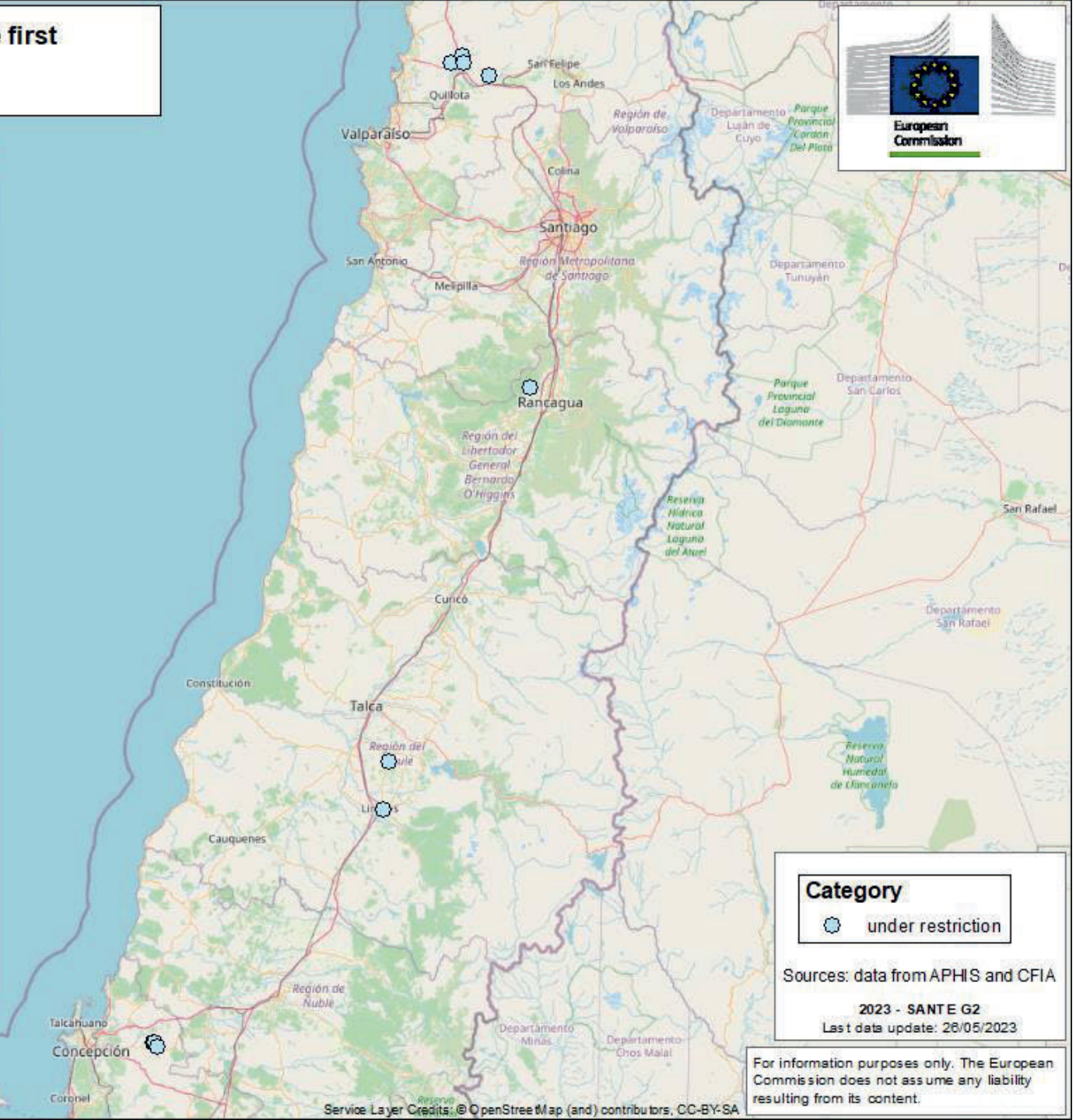
- restrictions lifted
- still under restriction

Sources: data from APHIS and CFIA
2023 - SANTE G2
Last data update: 26/05/2023

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HPAI outbreaks in poultry in Chile since first outbreak on 12 March 2023



Category

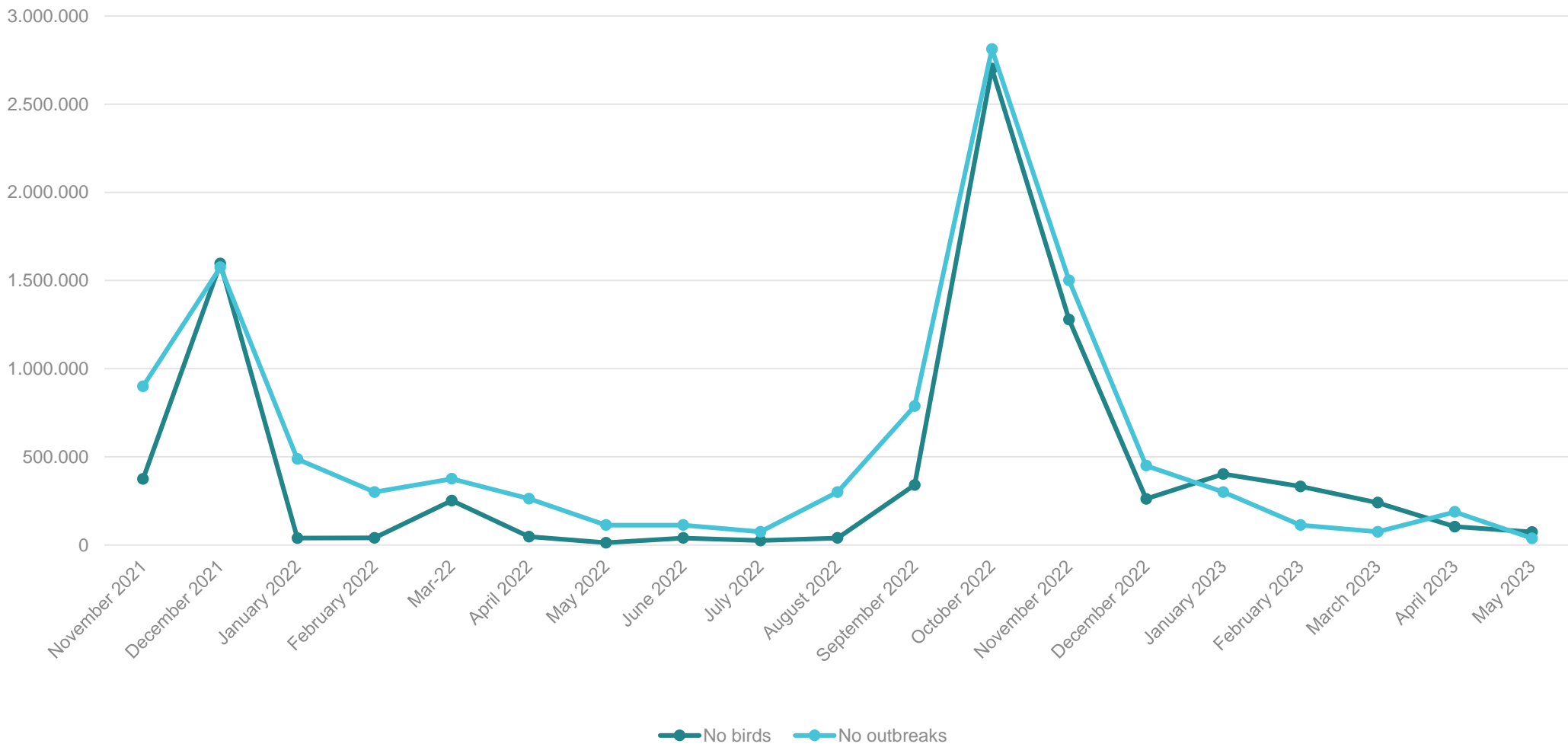
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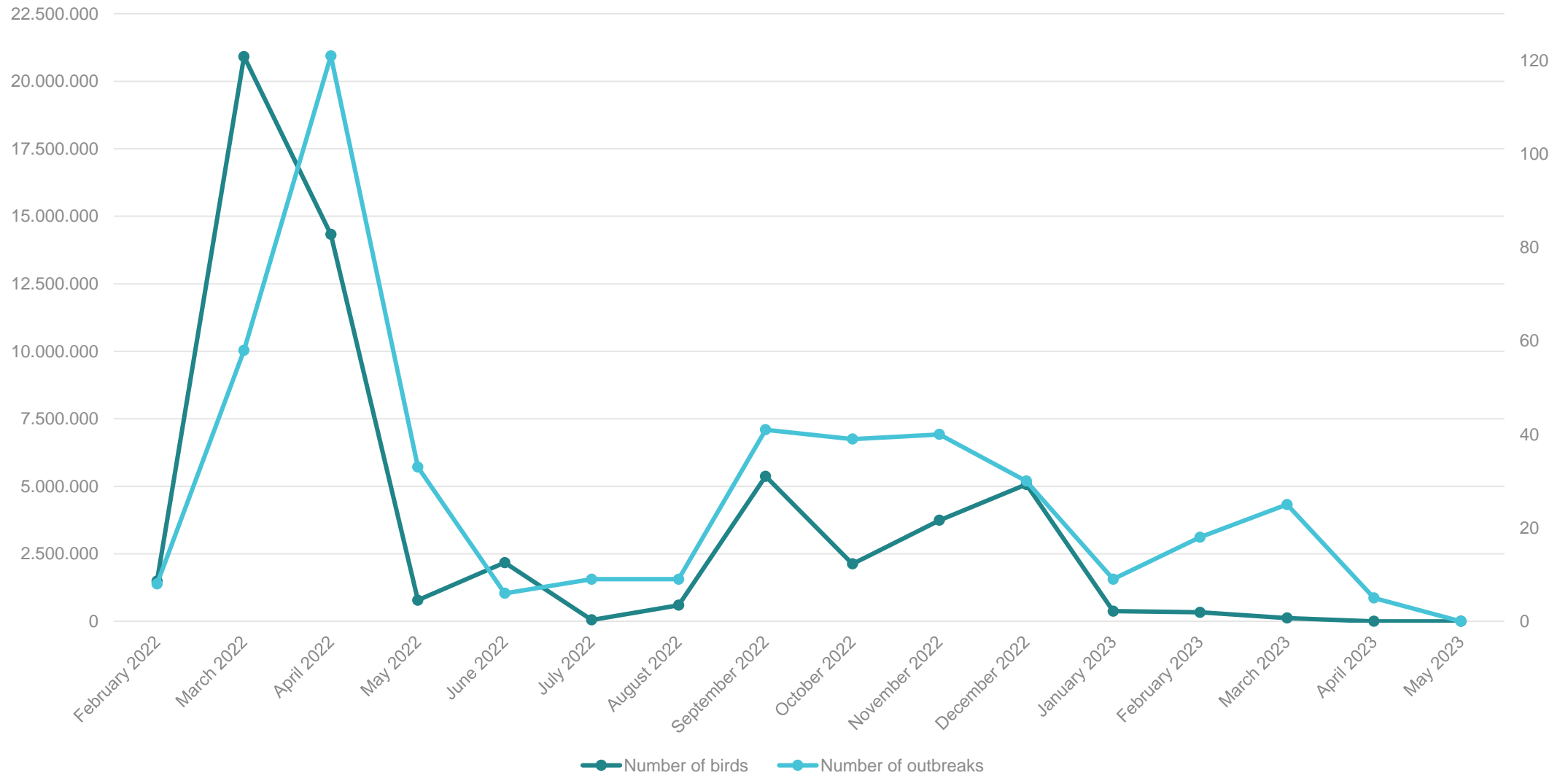
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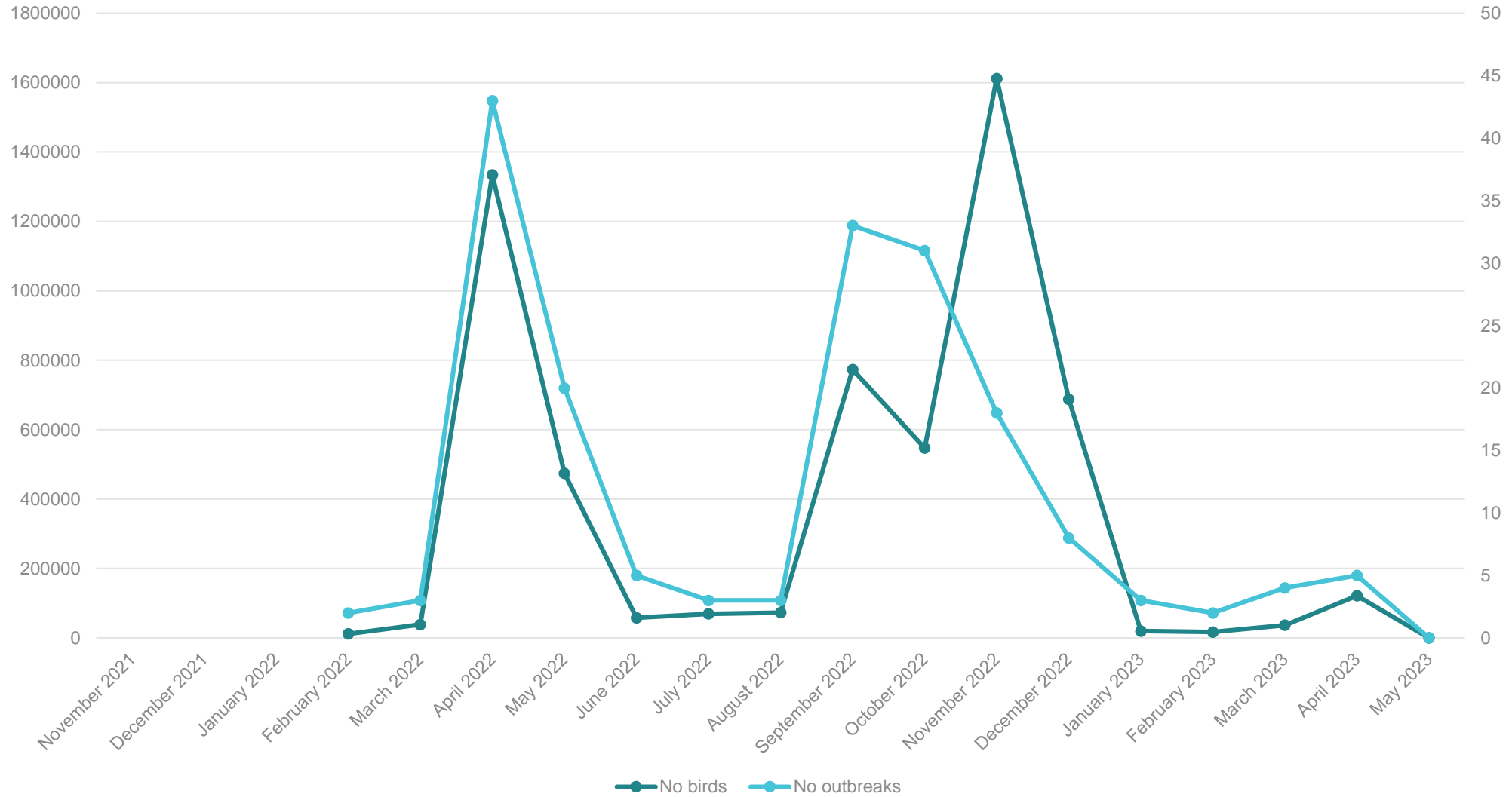
HPAI outbreaks in the UK



HPAI outbreaks in the US



HPAI outbreaks in Canada



Latest amendment of Regulation 2021/404 (CIR 2023/1058 of 30 June 2023)

This amendment

- Lifts restrictions on 6 zones in Canada, 1 zone in the UK and 25 zones in the US
- Implements restrictions on 5 zones in Canada and 1 zone in the UK

This is the 51st Implementing Regulation amending Commission
Implementing Regulation (EU) 2021/404

HPAI regionalisation in UK, US and CA

UK (GB)

- 1st regionalised outbreak: 2/11/2021
- Zones regionalised: 287
- Zones reopened: 281
- Zones still closed: 6
- Birds affected: 8 million
- Mainly affected areas: Norfolk (3,1 million birds) and Lincolnshire (1,3 million birds)
- Mainly affected type of poultry: laying hens

USA

- 1st regionalised outbreak: 8/2/2022
- Zones regionalised: 452
- Zones reopened: 399
- Zones still closed: 53
- Birds affected: 57,6 million
- Mainly affected areas: Iowa (16 million birds) and Nebraska (6,7 million birds)
- Mainly affected type of poultry: laying hens

Canada

- 1st regionalised outbreak: 1/2/2022
- Zones regionalised: 190
- Zones reopened: 146
- Zones still closed: 44
- Birds affected: 6,4 million
- Mainly affected areas: British Columbia (2,4 million birds) and Alberta (1.4 million birds)
- Mainly affected type of poultry: turkey

HPAI regionalisation in Chile

CL (Chile)

- 1st regionalised outbreak: 12/03/2023
- Zones regionalised: 10
- Zones reopened: 0
- Zones still closed: 10
- Birds affected: 860,000
- Mainly affected areas: Valparaíso and Biobío
- Mainly affected type of poultry: laying hens



Thank you