

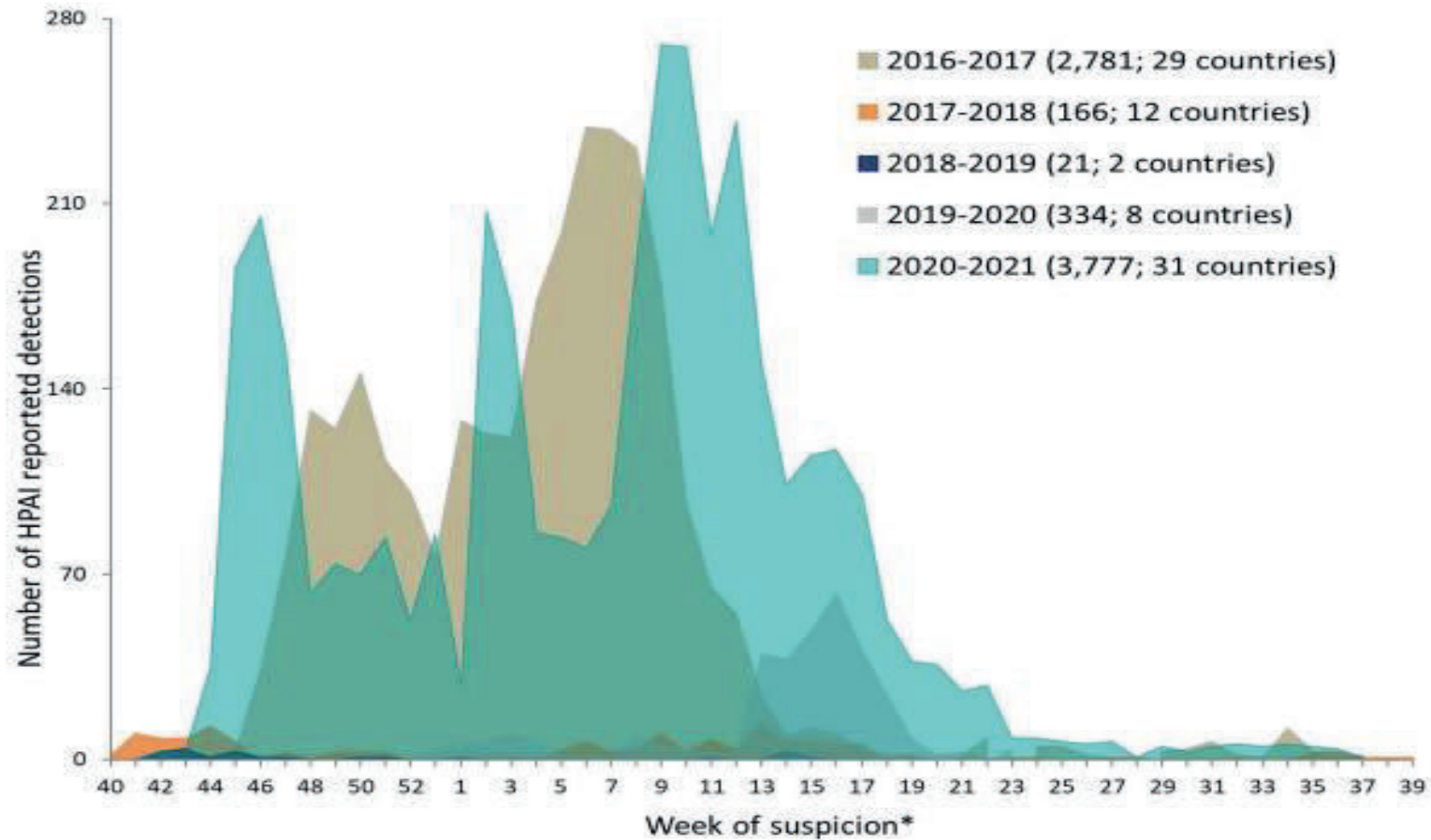


Highly Pathogenic Avian influenza in EU update of the situation

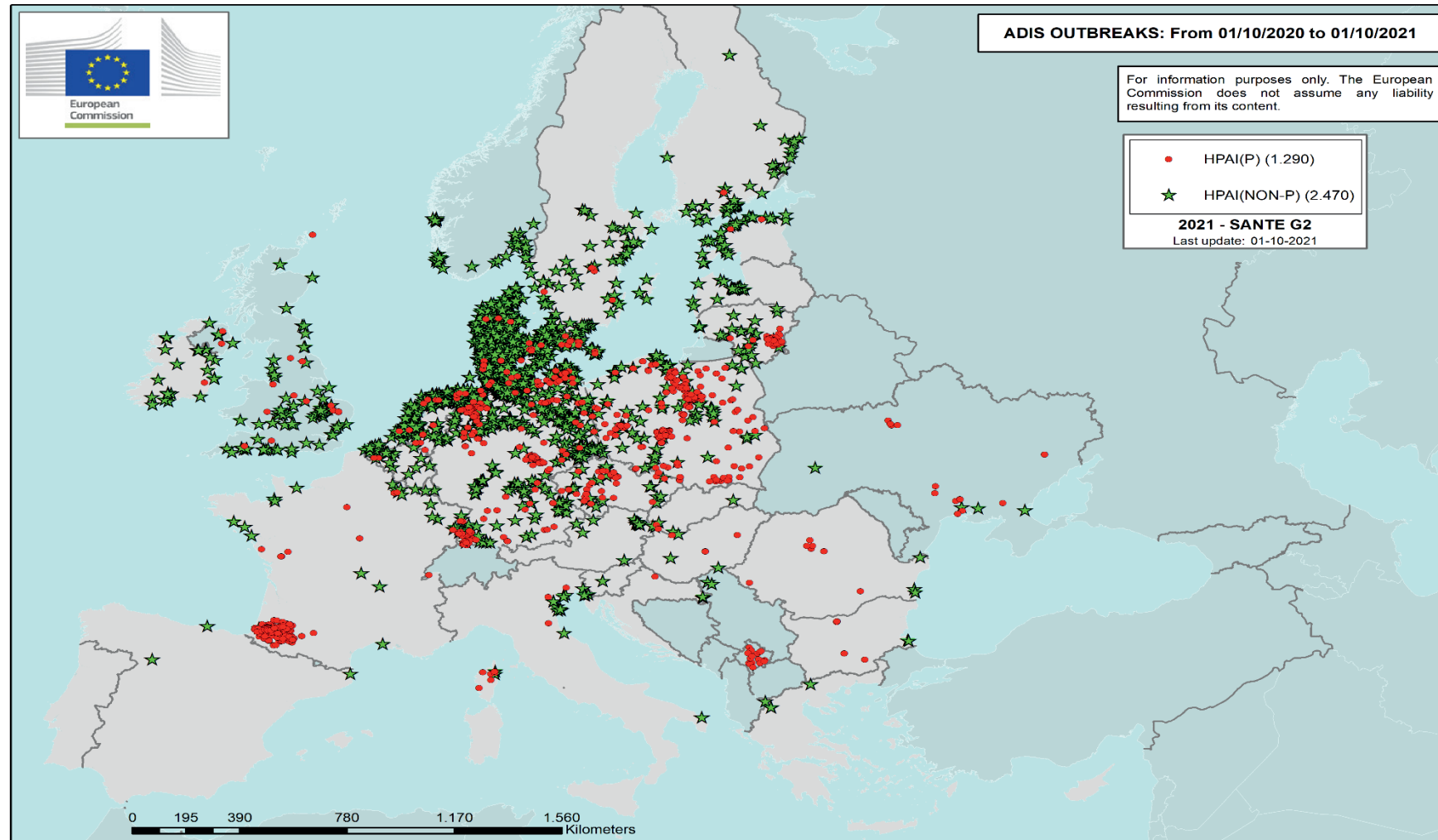
AHAC meeting
12 October 2021

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

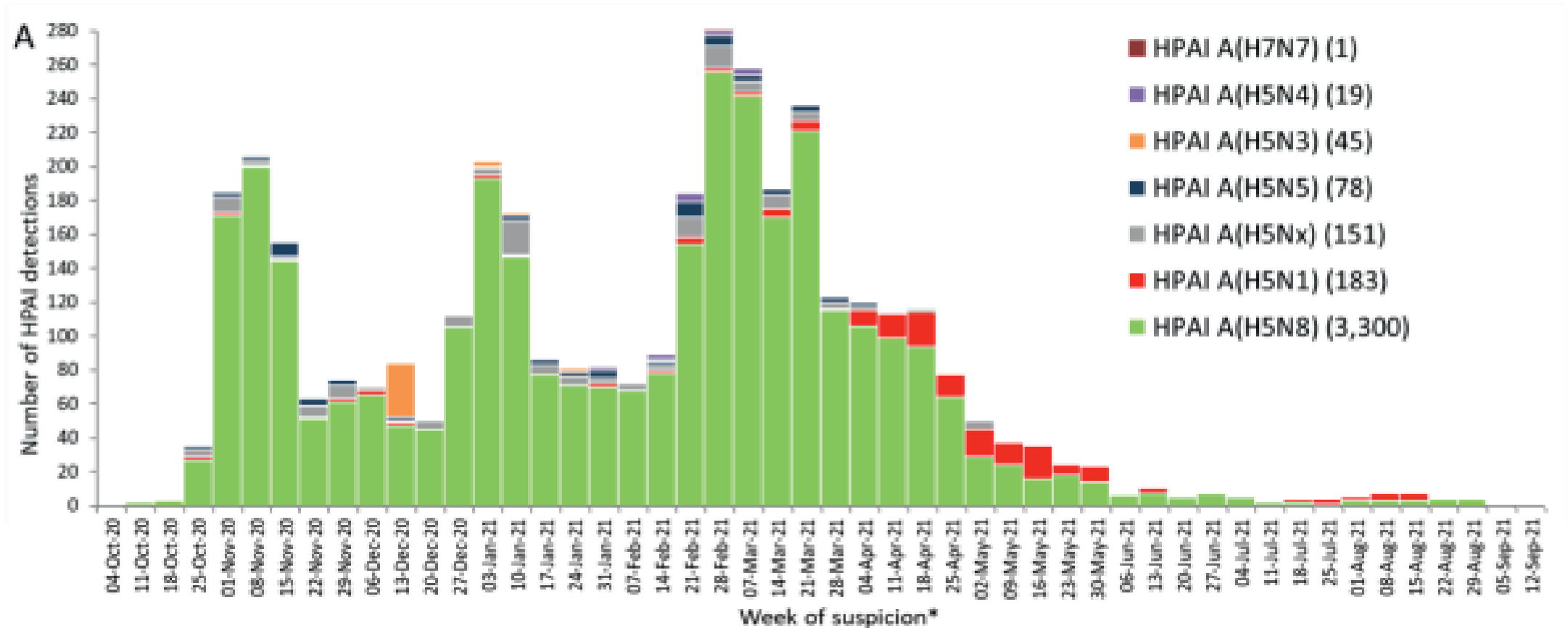
Distribution of total number of HPAI detections in Europe per epidemic season



Geographical distribution of HPAI in epidemic season 2020/2021

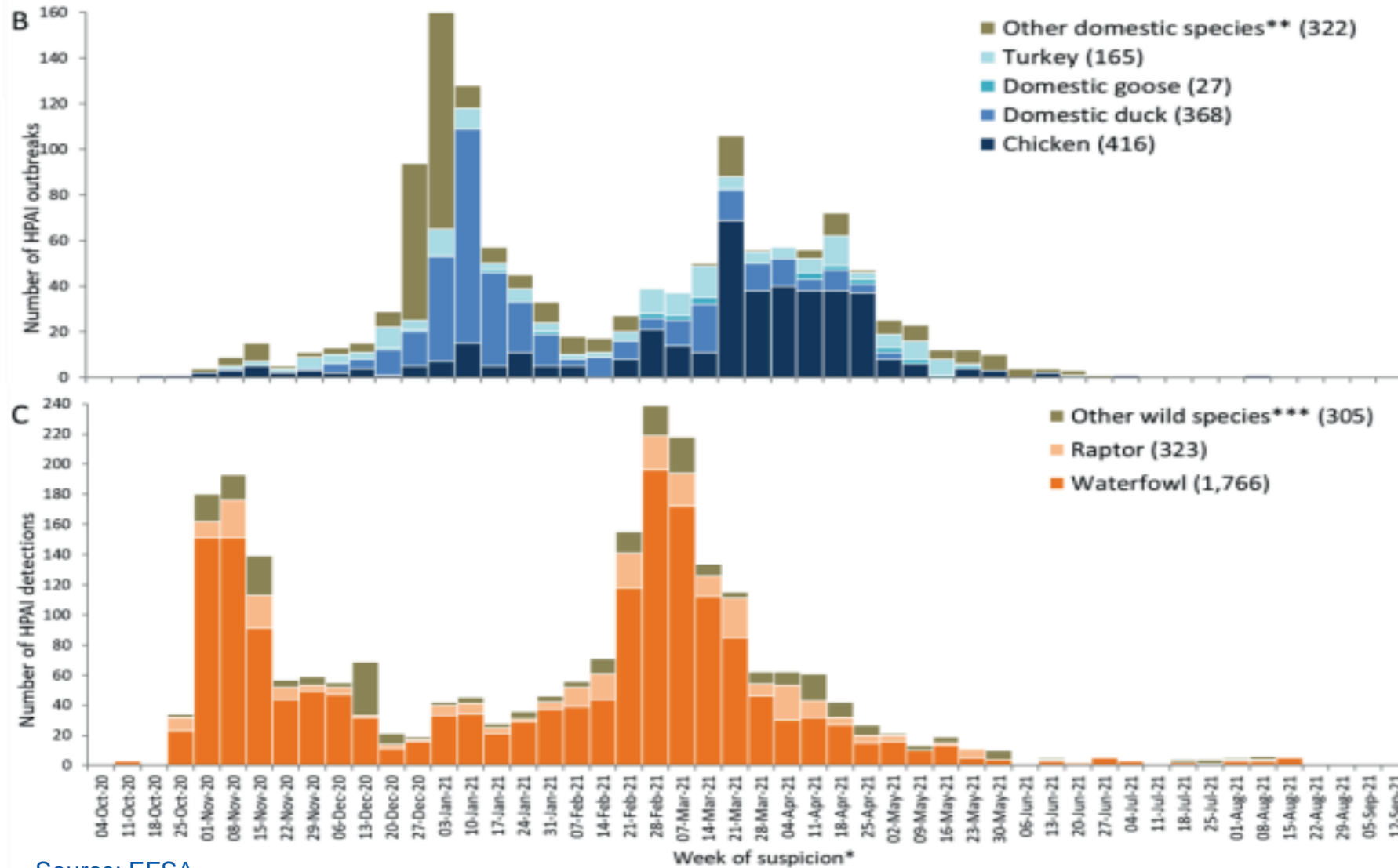


Distribution of HPAI virus detections by week of suspicion and virus subtype



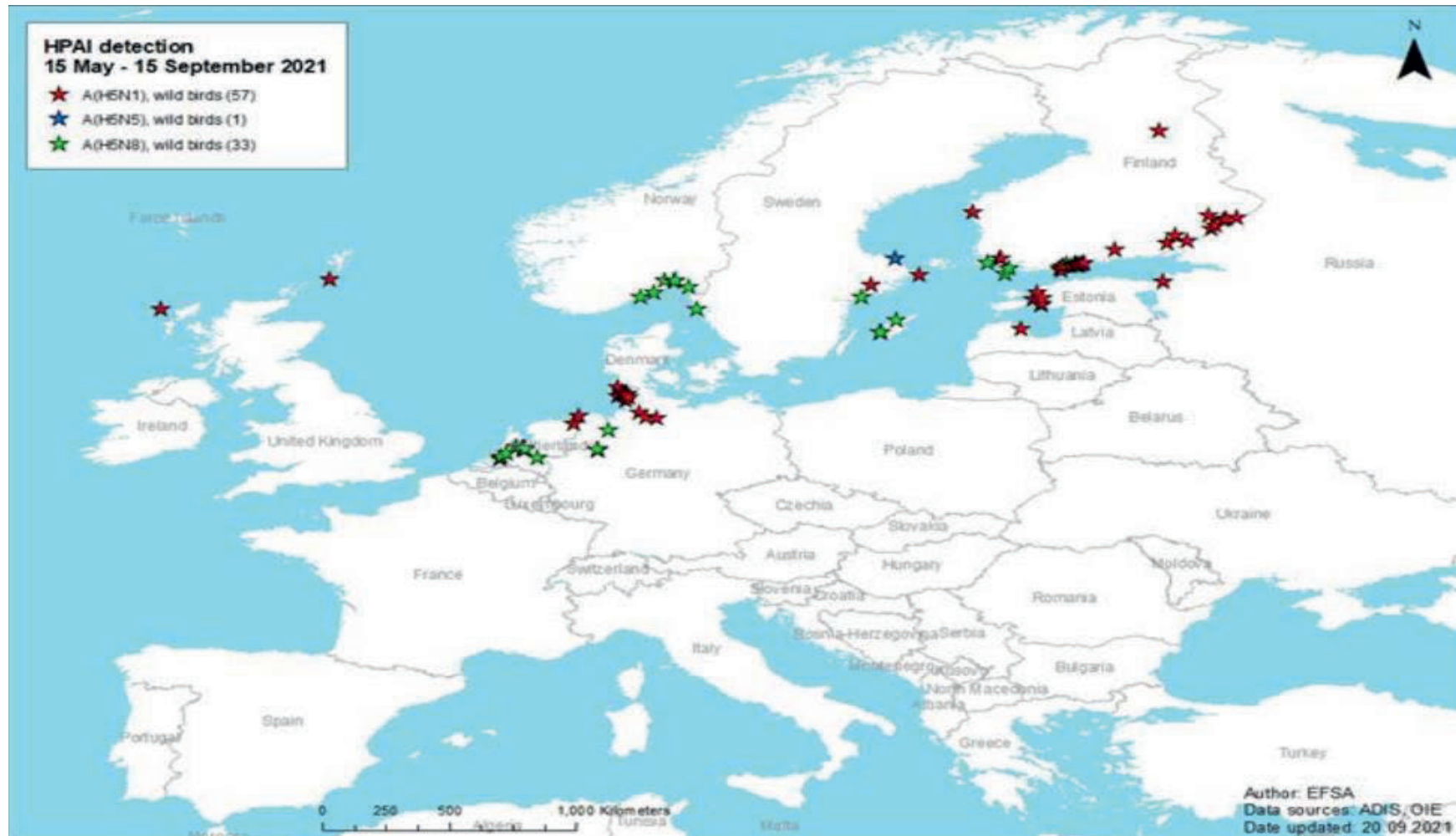
Source: EFSA

Distribution of HPAI detections by categories of poultry and wild birds /week of suspicion

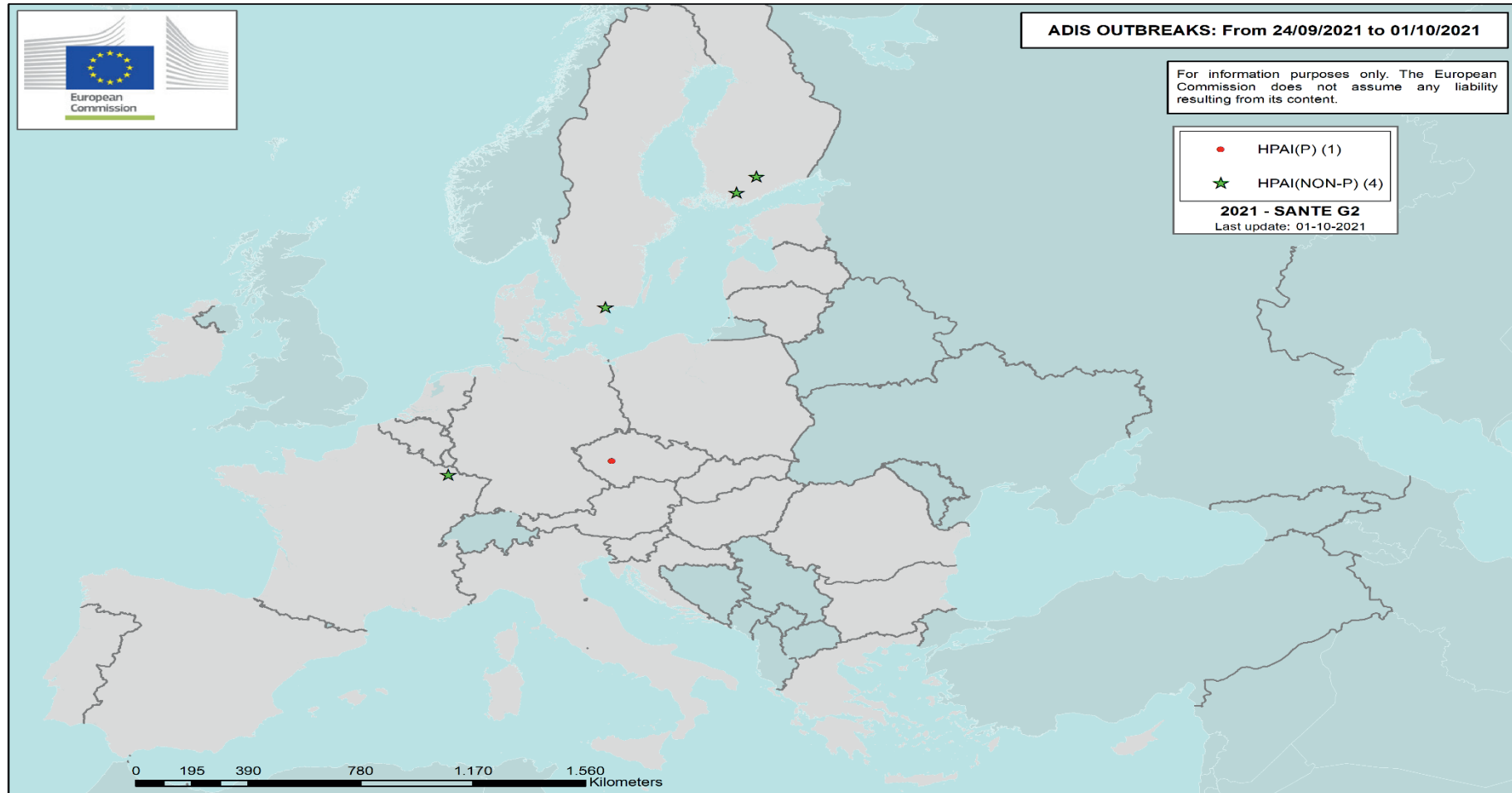


Source: EFSA

Detections of HPAI between 15 May – 15 September 2021



Latest HPAI events in EU



Overview of HPAI in 2020/2021 season

HPAI in wild birds:

- **25 MSs** detected cases in wild birds
- **75 affected species**, most affected: *Mute swan*, *Barnacle goose*, *Greylag goose* (11%)
- the **highest concentration** of infected wild birds in the **North-West part of EU**
- **virus circulation persisted over the summer in wild birds** in Northern part of EU

HPAI in poultry:

- **18 MSs confirmed outbreaks** in poultry
- all among those who detected HPAI in wild birds
- more than **23 million poultry** in affected farms
- **clusters** in several areas with **high density of poultry production**
- **turkeys and ducks** sectors **more susceptible** to get infected **due to particular production practices or housing**

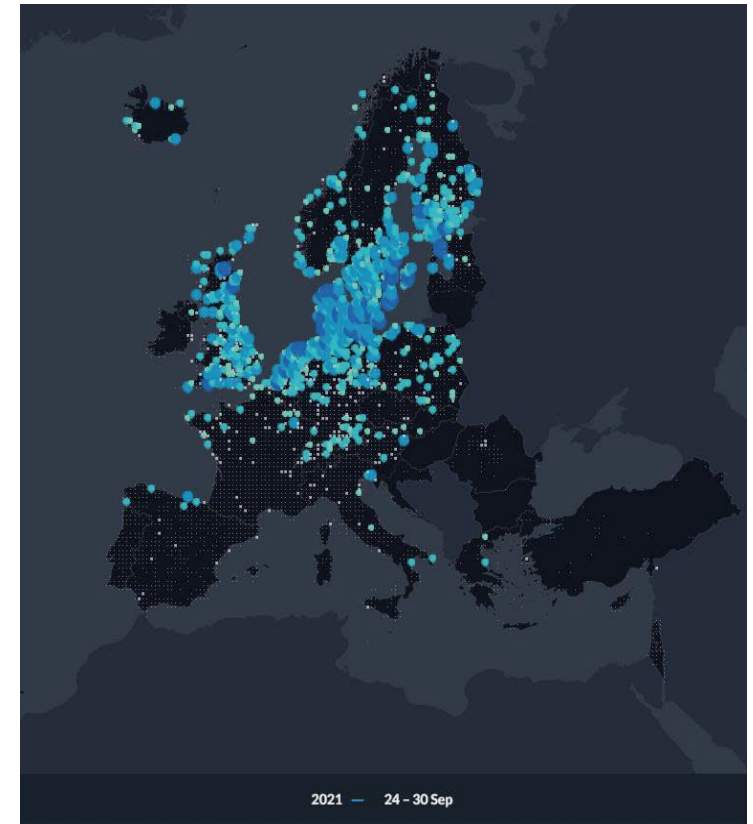
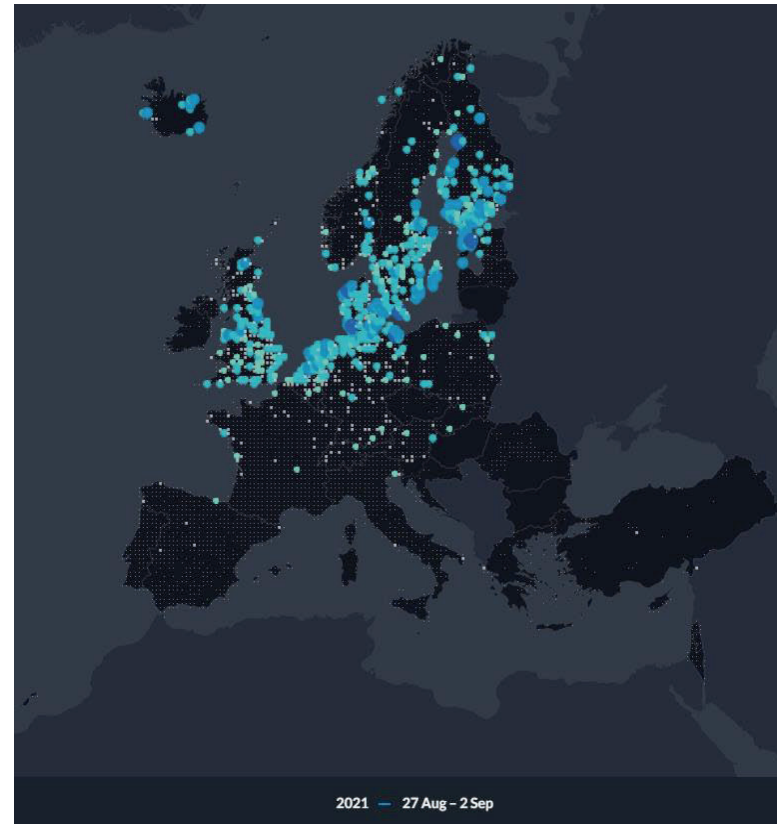
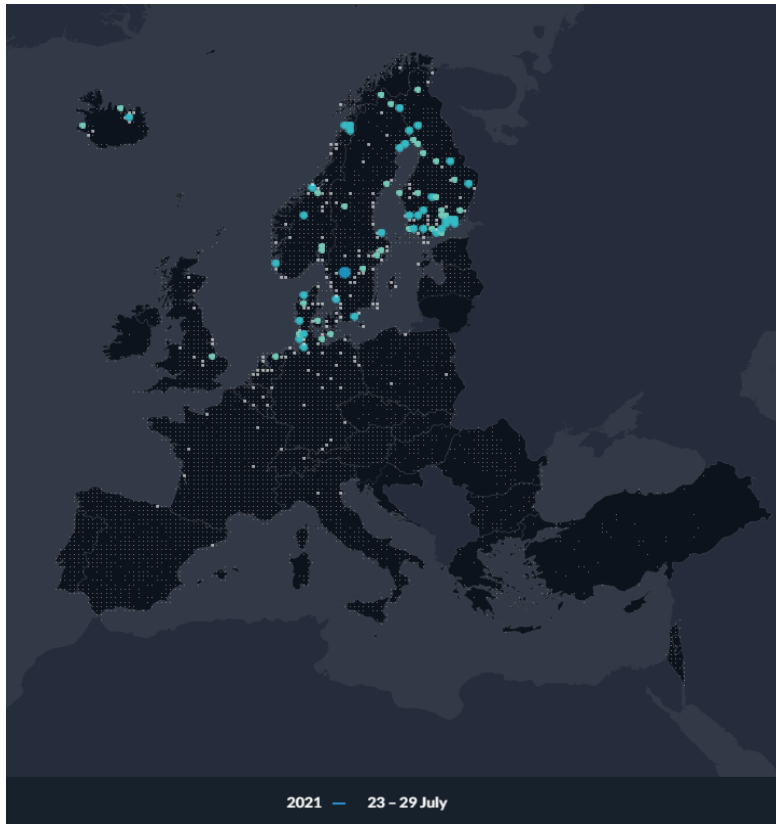
HPAI viruses:

- **six identified serotypes**
- **H5N8**, the predominant serotype (almost 90% of detections), followed by H5N1 and H5N5
- **all in a single group** within **clade 2.3.4.4B**
- **cluster together with HPAI H5 viruses detected in Kazakhstan and Rusia** since summer 2020
- **NO increased risk for public health**

HPAI situation in Eurasia

- Outbreaks confirmed during summer in Russia in areas border with Kazakhstan in wild birds and poultry (H5N1 subtype)
- High number of HPAI detections in Georgia over the summer
- Outbreaks confirmed in October in poultry in oblasts closer to Ukraine
- The autumn migration of wild birds already started

Wigeons count (Euro Bird Portal)



Conclusions

- **2020/2021 HPAI epidemic** season is the largest that has ever occurred in Europe.
- unlike in the previous years, **HPAI virus was detected during the summer months in resident wild bird** populations mainly in northern Europe
- **risk of infection for poultry persisted over the summer months**
- more **efforts** needed to properly **mitigate the risk of certain poultry sectors and in areas** with high concentration of poultry production
- HPAI detected in summer 2021 in same areas of Russia as in summer 2020

The HIGH RISK PERIOD has started

Increase attention to biosecurity measures in farms and related to sector production practices

Updated information on the HPAI situation

https://ec.europa.eu/food/sites/food/files/animals/docs/ad_control-measures_hapai_chrono_2021_map.pdf

https://ec.europa.eu/food/sites/food/files/animals/docs/ad_control-measures_hapai_chrono_2021.pdf

<https://www.izsvenezie.com/reference-laboratories/avian-influenza-newcastle-disease/europe-update/>

Latest EFSA scientific report

<https://www.efsa.europa.eu/sites/default/files/2021-09/9979.pdf>

Thank you



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