

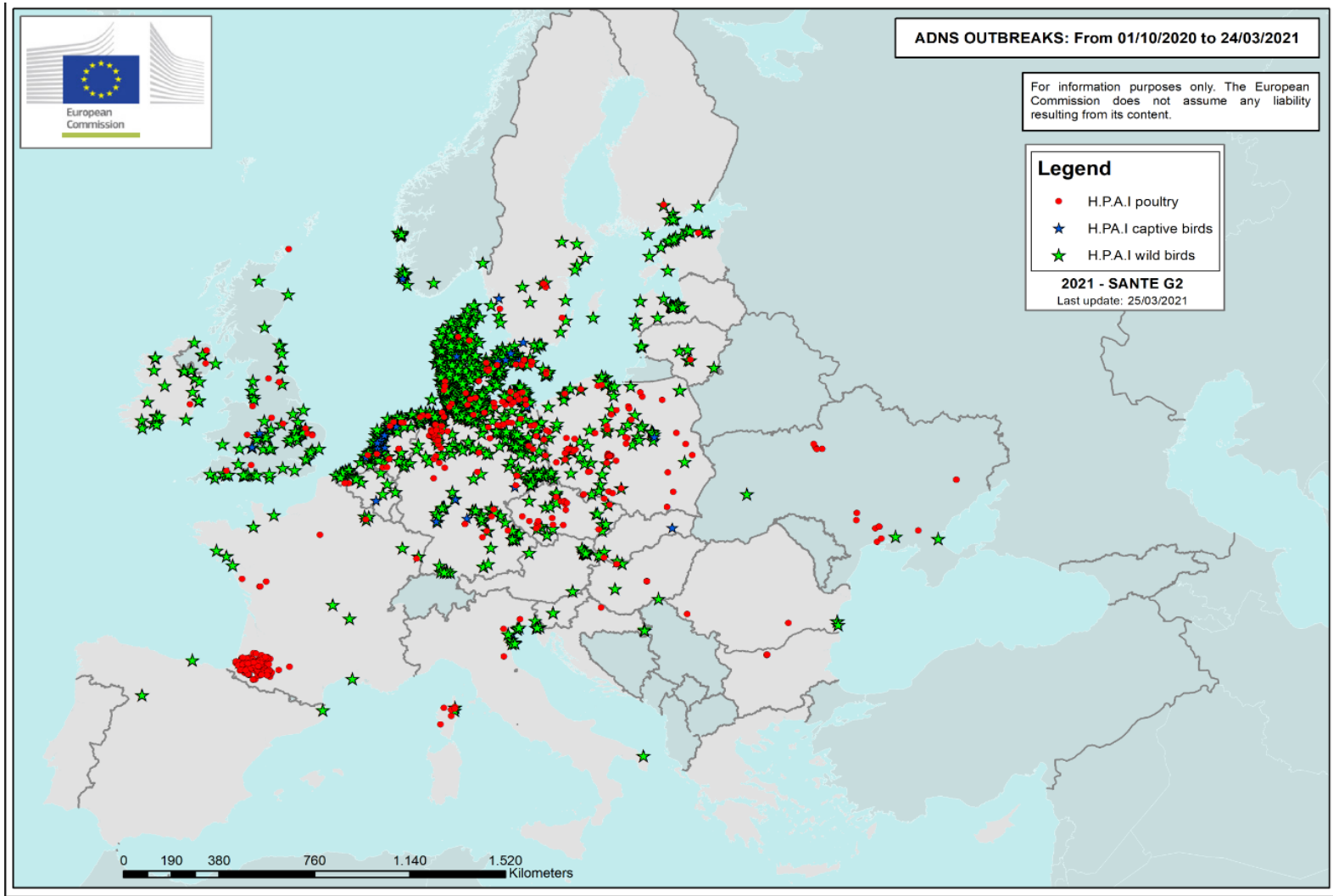


Update on avian influenza in the EU

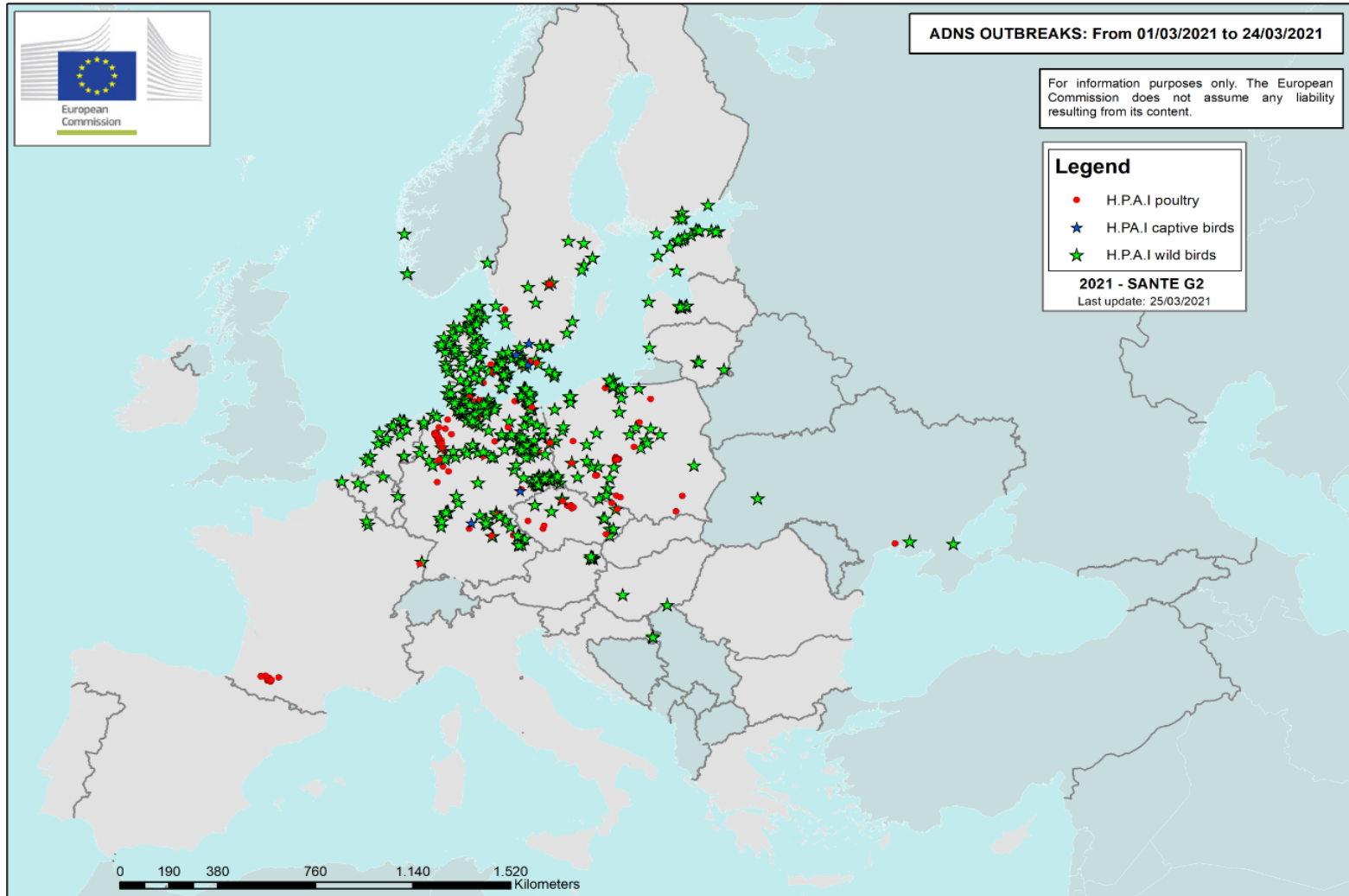
**AHAC meeting
26 March 2021**

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

Geographical distribution of HPAI in the current epidemic



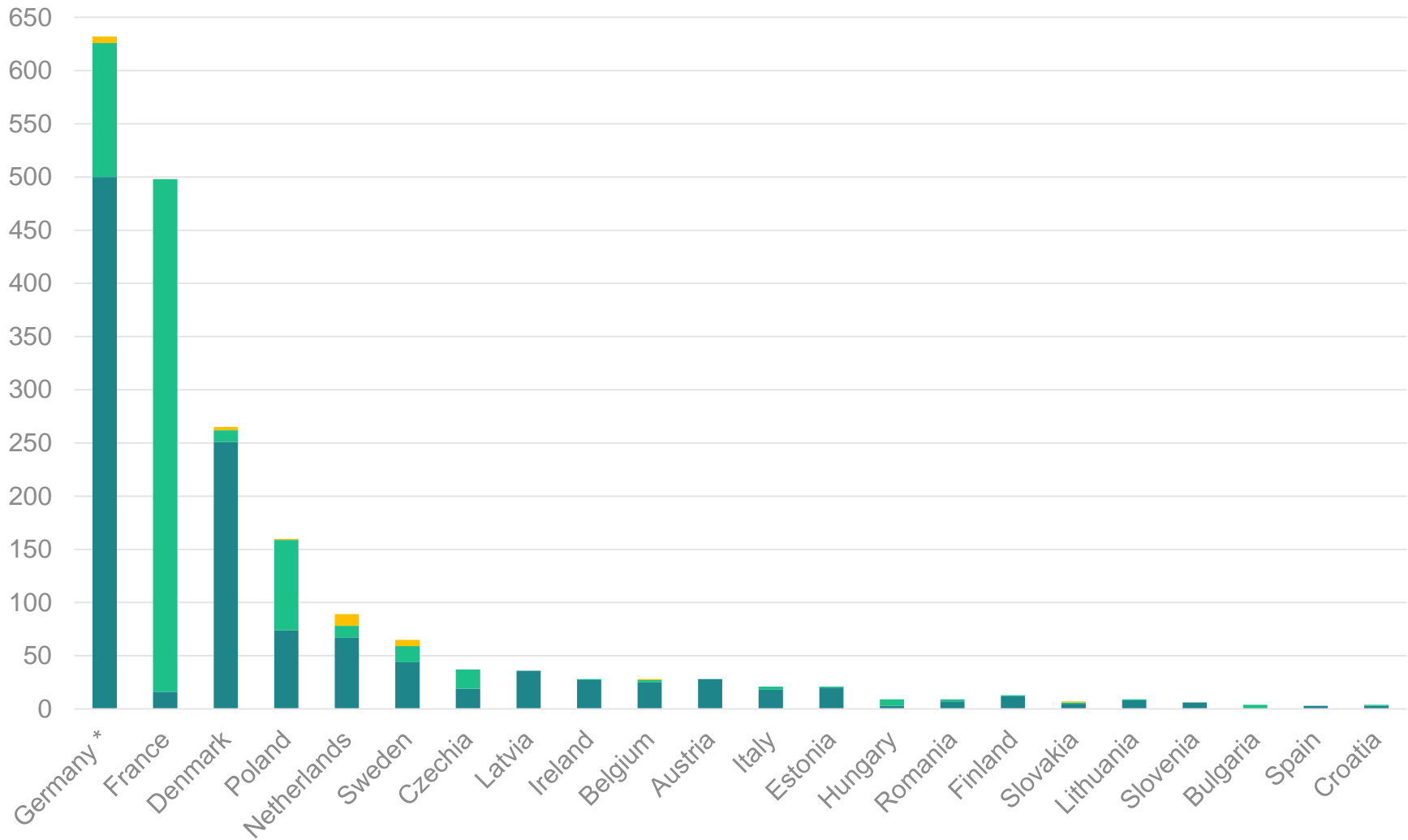
Geographical distribution of HPAI in March 2021



	Member State	Wild birds	Poultry	Captive birds	Total
1	Austria	28			28
2	Belgium	25	2	1	28
3	Bulgaria		4		4
4	Croatia	3	1		4
5	Czechia	19	18		37
6	Denmark	251	11	3	265
7	Estonia	20	1		21
8	Finland	12	1		13
9	France	16	482		498
10	Germany	956	126	6	1088
11	Hungary	3	6		9
12	Italy	18	3		21
13	Ireland	27	1		28
14	Latvia	36			36
15	Lithuania	8	1		9
16	Netherlands	67	11	11	89
17	Poland	74	85	1	160
18	Romania	7	2		9
19	Slovakia	5	1	1	7
20	Slovenia	6			6
21	Spain	3			3
22	Sweden	44	15	6	65
	TOTAL	1628	771	29	2428

HPAI ADNS
 notifications
 in EU
 during the period
 1.10.2020 – 24.03.2021

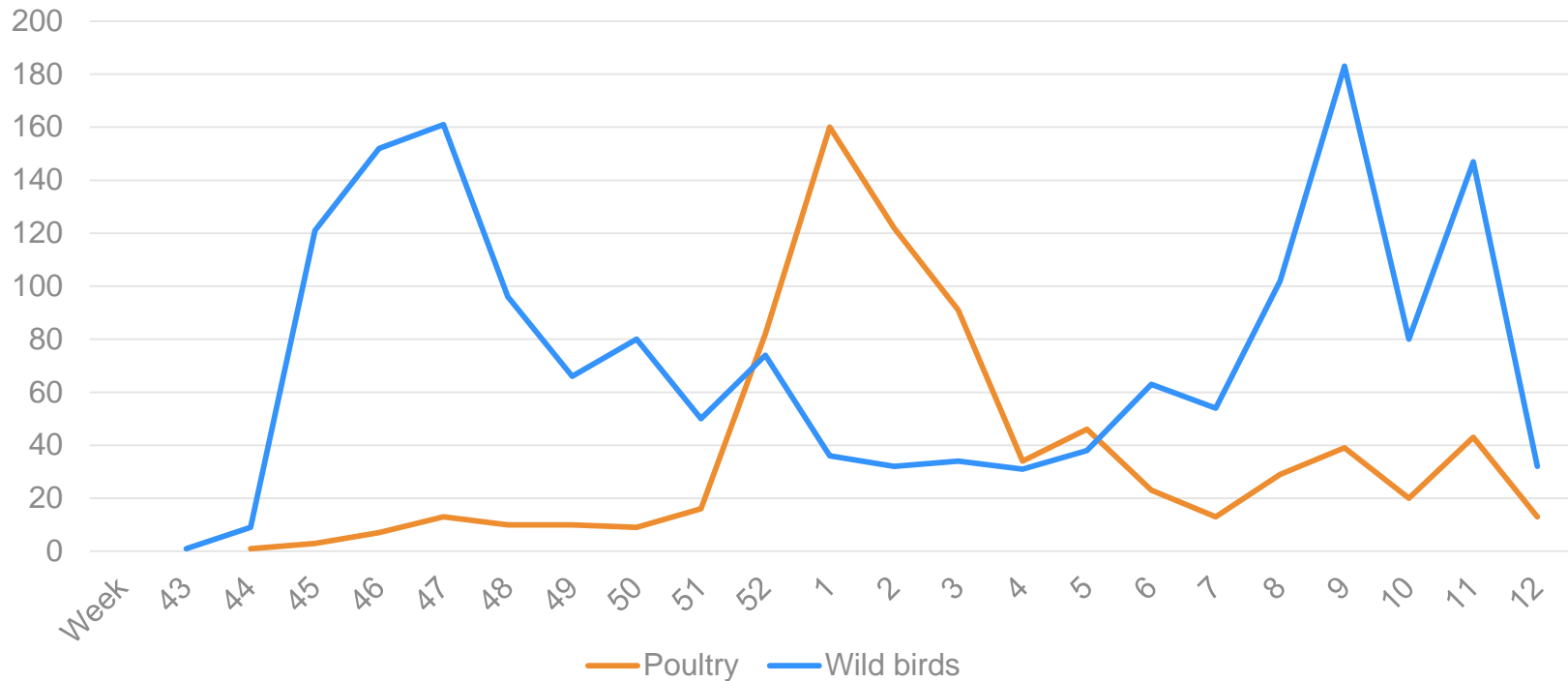
Number of HPAI ADNS notifications by Member States as from 1/10/2020 to 24/3/2021



* Data truncated for wild birds, for better visibility

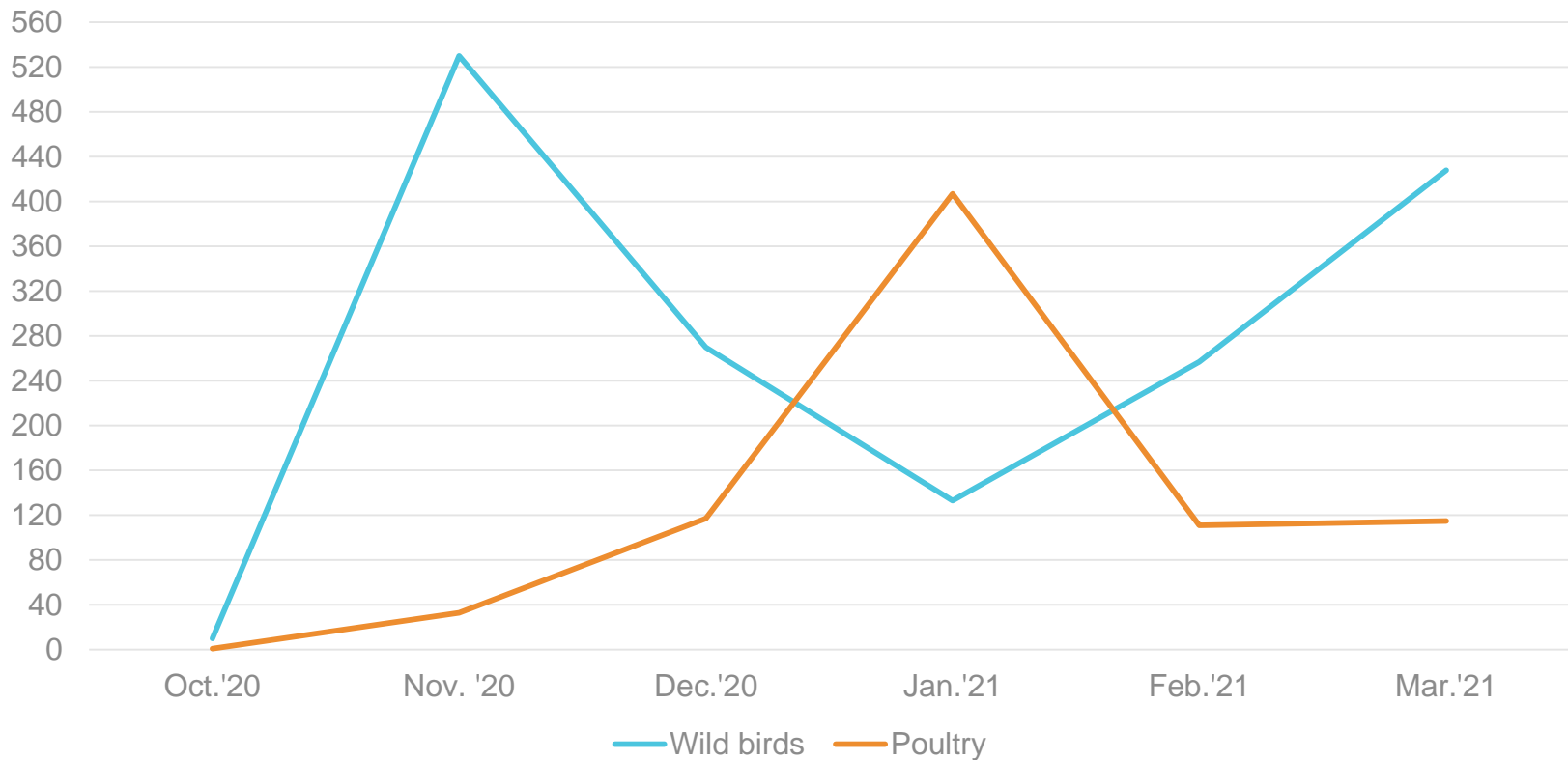
■ Wild birds ■ Poultry ■ Captive birds

Number of HPAI detections/week in 2020/2021 epidemic season



Peak in poultry in weeks 52 – 3, influenced by the cluster in duck/geese farms in S-W of France in the area with intensive production of foie gras

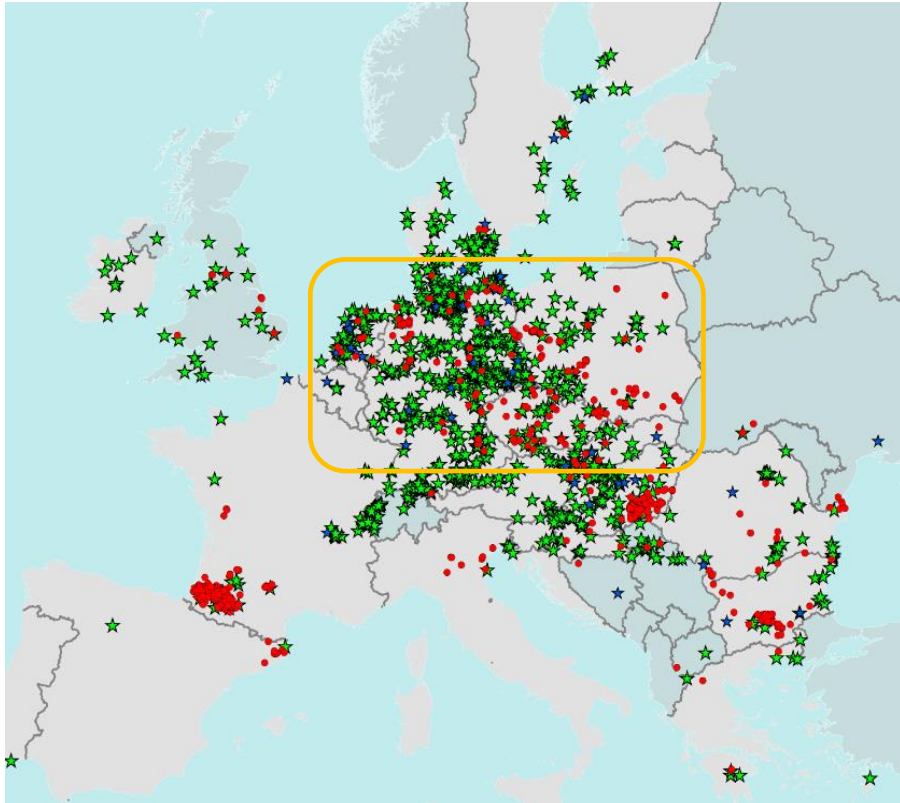
Number of HPAI detections/month in 2020/2021 epidemic season



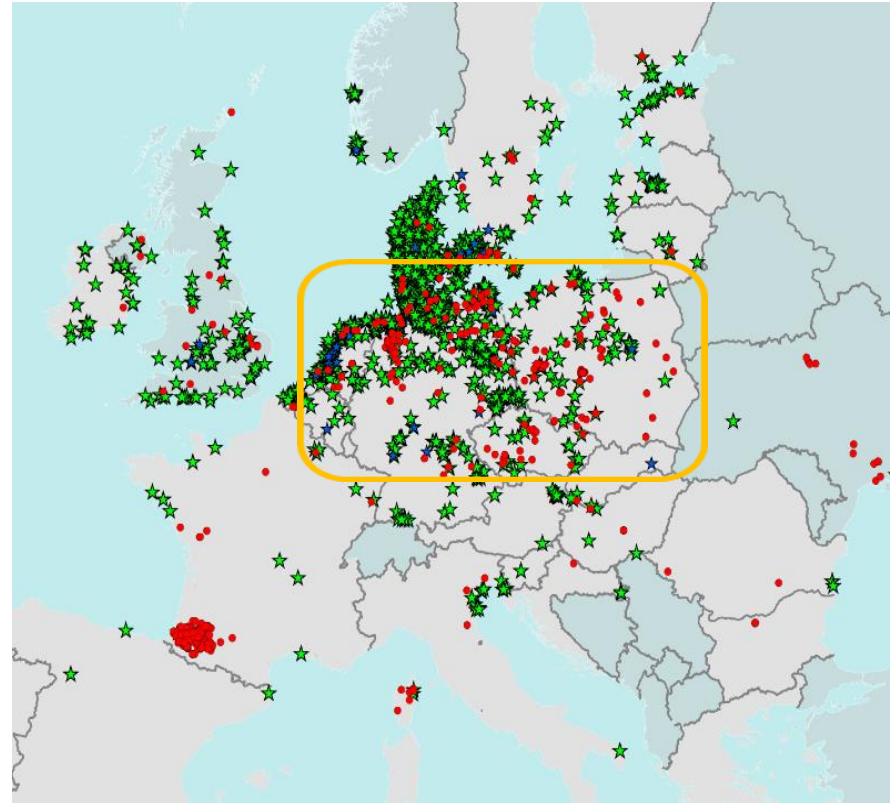
Peak in poultry in January, influenced by the cluster in duck/geese farms in S-W of France in the area with intensive production of foie gras

Comparison of HPAI distribution in 2016/2017 and 2020/2021 epidemic seasons

2016/2017



2020/2021



Comparison of HPAI 2016/2017 vs 2020-2021 epidemics in EU

	Number of countries affected	HPAI virus serotypes	Wild birds cases	Poultry outbreaks	Number of poultry affected in outbreaks
2016/2017*	22	H5N5, H5N6, H5N8	1563	1131	~ 9 mil.
2020/2021**	22	H5N1, H5N3, H5N4, H5N5, H5N8	1628	771	~ 12,5 mil.

*Whole epidemic season (Oct. 2016-Sept.2017)

** Oct. 2020 – Mar. 2021

Conclusions

• HPAI in wild birds:

- **22 MS detected cases** in wild birds
- **65 affected species** (most infected: *Mute swan*, *Barnacle goose*, *Greylag goose*)
- HPAI viruses:
 - five identified serotypes:
 - **H5N1**, **H5N3**, **H5N4**, **H5N5**, and
 - **H5N8** (predominant serotype)
 - **NO increased zoonotic potential** so far

• HPAI in poultry:

- despite early warning from EFSA (September 2020) on the risk coming with the migratory wild birds, we still have a **big epidemic in poultry**
- **18 MS confirmed outbreaks** in poultry
- **~ 12,5 millions poultry affected** in the outbreaks (with more than 3 mil. more than in 2016/2017 epidemic which was so far considered the biggest epidemic EU have experienced)
- outbreaks in poultry farms occur in **same areas** as in previous years (also **similar clusters** in same areas and **even same holdings affected**)
- **duck/geese** and **turkeys farms** form the majority of the infected farms – systemic or structural problems of these sectors or of the individual farms?
- difficulties to control the spread in **areas with high density of poultry farms**

Epidemic not yet close to its end, risk for poultry farms is still high as there is still high virus load in the environment!

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/>

New EFSA scientific report

<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2021.6497>



Thank you



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

Slide xx: [element concerned](#), source: e.g. [Fotolia.com](#); Slide xx: [element concerned](#), source: e.g. [iStock.com](#)