

26<sup>th</sup> Annual Meeting of the Reference Laboratories  
for Avian Influenza and Newcastle Disease of  
European Union Member States

23 – 24 September 2020

# EFSA activities on Avian influenza

Francesca Baldinelli

Trusted science for safe food

## AI Monitoring

Quarterly reports updating on the AI situation in and outside the EU

## AI Surveillance

Annual report on the surveillance activities carried out by Member States

## Activities related to wild birds

EFSA procurements on abundance, distribution, migratory flyways of wild bird species

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- Quarterly reports up and outside the EU

- Joint  **SCIENTIFIC REPORT** European Food Safety Authority

- 11 reports published

- Next report covering the period 16 May-15 August 2020 will be published by end of September



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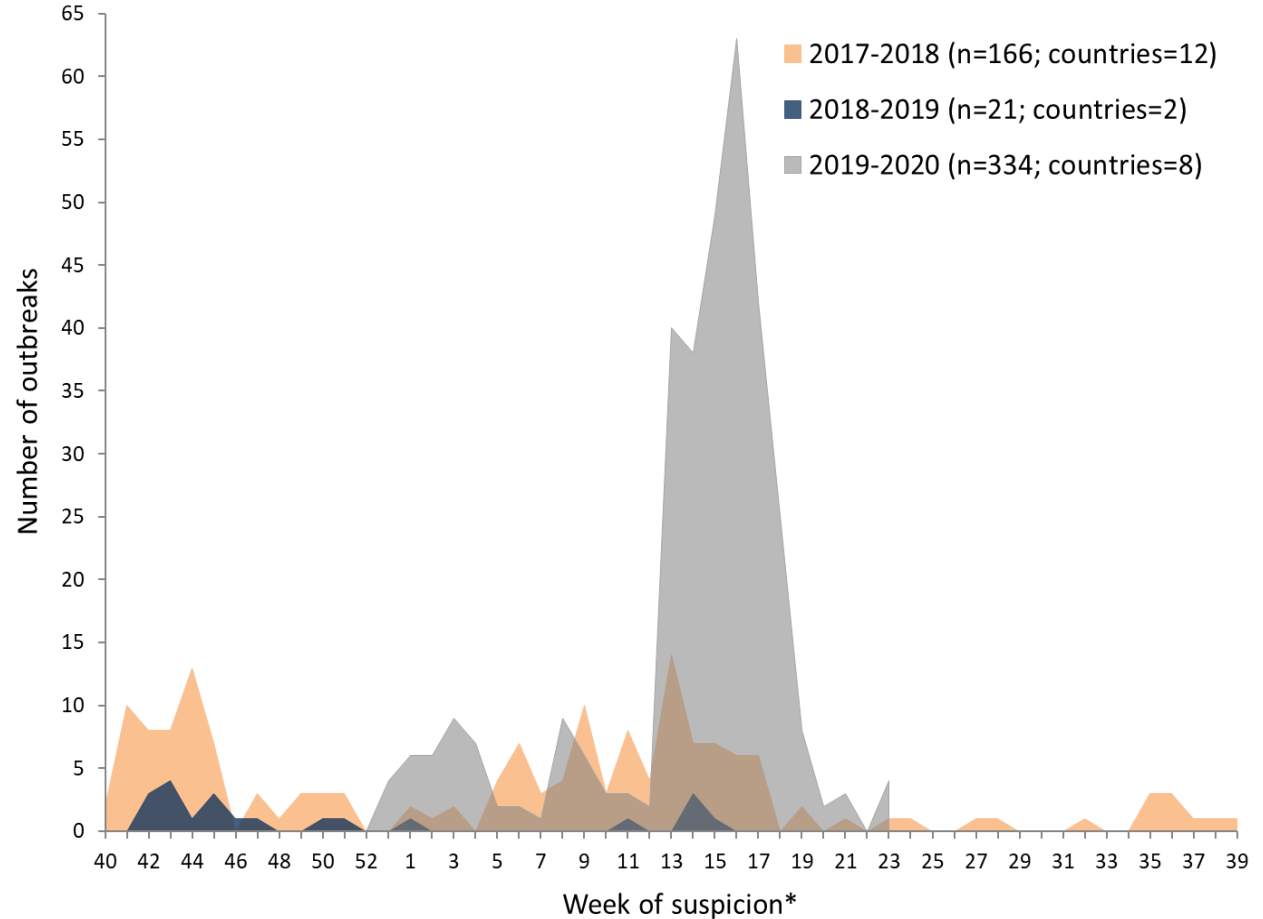
## **Avian influenza overview February – May 2020**

European Food Safety Authority,  
European Centre for Disease Prevention and Control and  
European Union Reference Laboratory for Avian Influenza

Cornelia Adlhoch, Alice Fusaro, Thijs Kuiken, Éric Niqueux, Christoph Staubach, Calogero Terregino, Irene Muñoz Guajardo and Francesca Baldinelli

# HPAI in Europe in birds

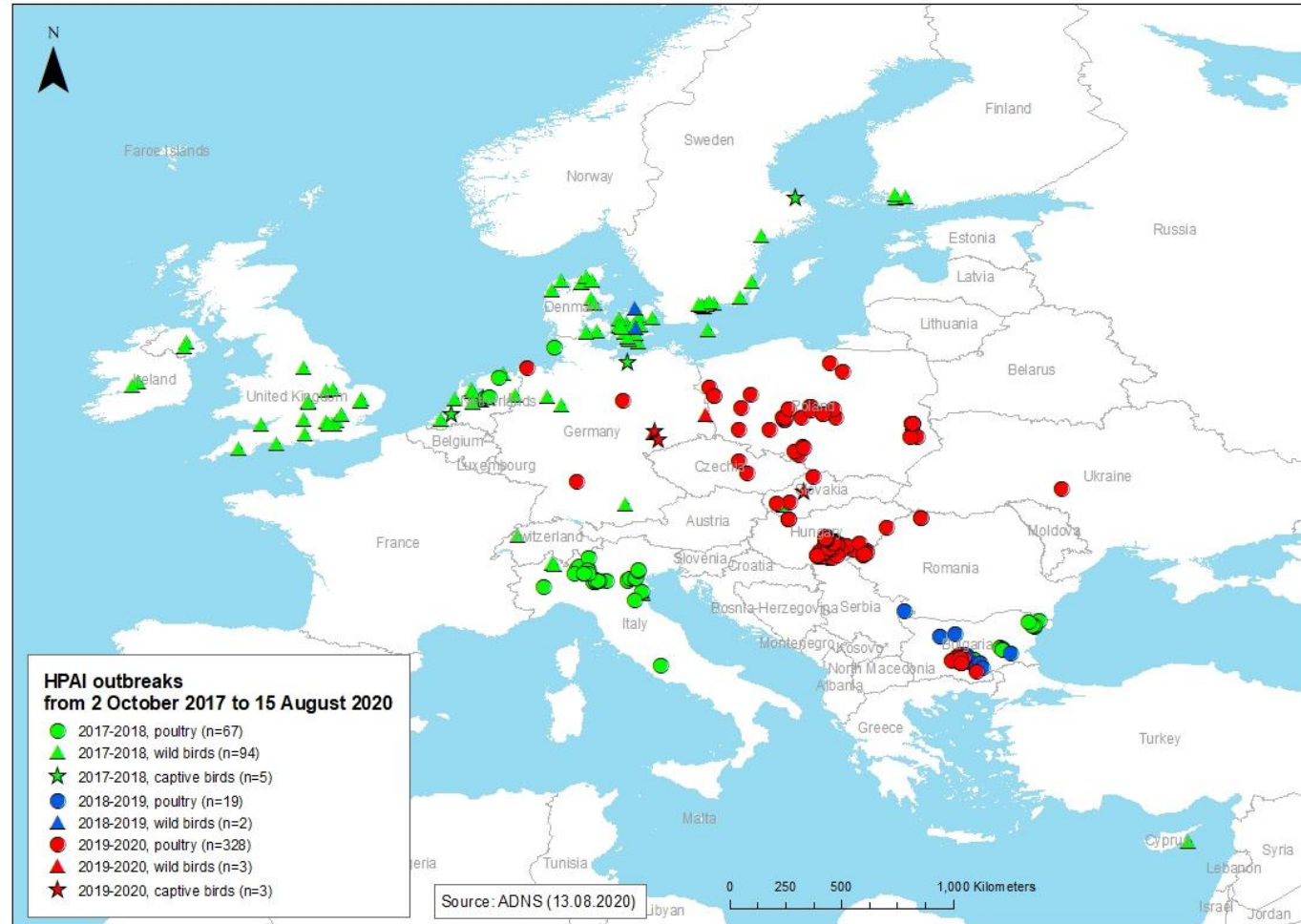
Distribution of number of HPAI outbreaks detected in Europe by week of suspicion (n=521)



# HPAI in Europe



Geographical distribution of HPAI outbreaks by epidemic seasons (n=521)



## Geographical distribution of AI outbreaks

16 May – 15 Aug 2020 (n=8)



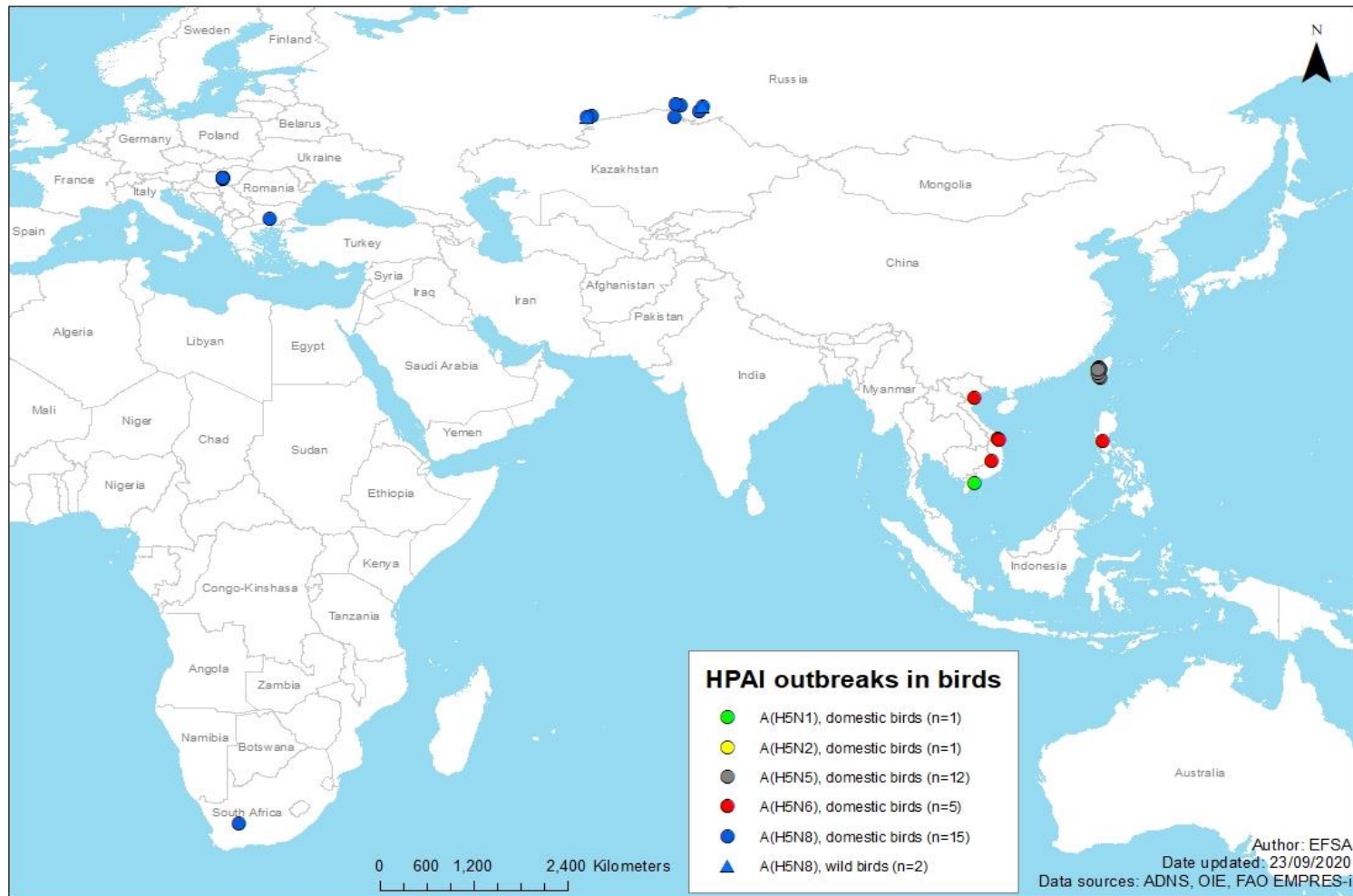




# AI worldwide

Geographical distribution of HPAI outbreaks by virus subtype and affected sub-population

16 May – 15 Aug 2020  
(n=36)





Outside the reporting period for this report and as of 22 September 2020,

## In Russia:

- 37 HPAI A(H5) outbreaks in poultry in Omskaya, Kurganskaya, Chelyabinskaya, Tyumenskaya and Saratovskaya Oblast
- HPAI A(H5N8) in 4 mute swans, 4 anitids and 1 tufted duck found dead in Tyumenskaya, Omskaya and Kurganskaya Oblast

In **Kazakhstan** HPAI A(H5) was detected in:

- 7 poultry backyards
- 86 corvids and 2 wild waterbirds

- **A(H5N1)** – No new cases. Since 2003 861 cases were reported, including 454 deaths
- **A(H5N6)** – No new cases. Since 2014 25 cases were reported, including 15 deaths, all occurred in China
- **A(H7N9)** - No new cases. Total number of cases is 1 568, including 615 deaths, occurred from 2013
- **A(H9N2)** - **One new case.** Total number of cases is 67, including one death, reported since 1998

- The **risk of zoonotic transmission** of AI viruses to the general public in Europe remains **very low**
- The high number of **secondary outbreaks** recorded at duck and goose establishments, since December 2019, indicates that these categories of poultry need to be better regulated to **increase biosecurity** at farm and during the transport to prevent uncontrolled spread of infection
- The presence of HPAI A(H5) outbreaks in Russia and Kazakhstan in wild and domestic birds should lead Member States to take appropriate measures to **promptly detect suspected cases** of HPAI virus and to increase biosecurity measures

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- EFSA started collecting data on AI surveillance from January 2019, **first submission in July 2019**
- One-to-one **training sessions** were organised with all MSs data reporting officers to use the tool produced by EFSA to report surveillance data
- MSs can **visualise, accept and validate** their data after submission to EFSA using MicroStrategy
- Main changes in the data collected: poultry data submitted at **NUTS 3** and **monthly** level (vs. NUTS 2 and 6 monthly)

- Data collected by MSs from surveillance activities that were carried out during 2019 were submitted to EFSA, and EFSA is producing the 2019 annual report
- First **draft of the report was shared with MSs** on the 18<sup>th</sup> of September
- Report mirrors the report produced in 2018 with new tables, figures to show **poultry data on a monthly basis and at NUTS 3 level**
- New figures with data on **wild bird abundance and distribution** presented in the report

- Draft report will be presented at the **AI Workshop** (tele-conference) on the **30<sup>th</sup> of September**
- The results from a **survey** carried out by EFSA on the experiences from MSs when using the newly developed **tool for submitting data to EFSA** will be presented
- Main issues encountered when submitting data to EFSA will be presented and solutions will be discussed
- Presentation on SIGMA and AI data collection



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## EFSA procurements:

- EuroBird Portal (EBP)- data on **abundance and distribution of the target wild bird species** is submitted on an annual basis to EFSA from 2019 onwards
- EBP + EURING- update of an existing tool (EU funded) to interpolate **migratory routes of the wild bird target species** (citizen data + ringing data). This tool builds up on the African-Eurasian Bird Migration Atlas that is being developed and compiled by the European Union of Bird Ringing (EURING)

## Member State representatives for avian influenza

### Working group members

- ADLHOCH Cornelia (ECDC)
- AZNAR Inmaculada (EFSA)
- BALDINELLI Francesca (EFSA)
- BICOUT Dominique (Université Joseph Fourier, Grenoble)
- FUSARO Alice (EURL)
- KUIKEN Thijs (Erasmus MC)
- NIQUEUX Eric (ANSES)
- STAUBACH Christoph (FLI)
- STEGEMAN Arjan (Utrecht University)
- TERREGINO Calogero (EURL)



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