

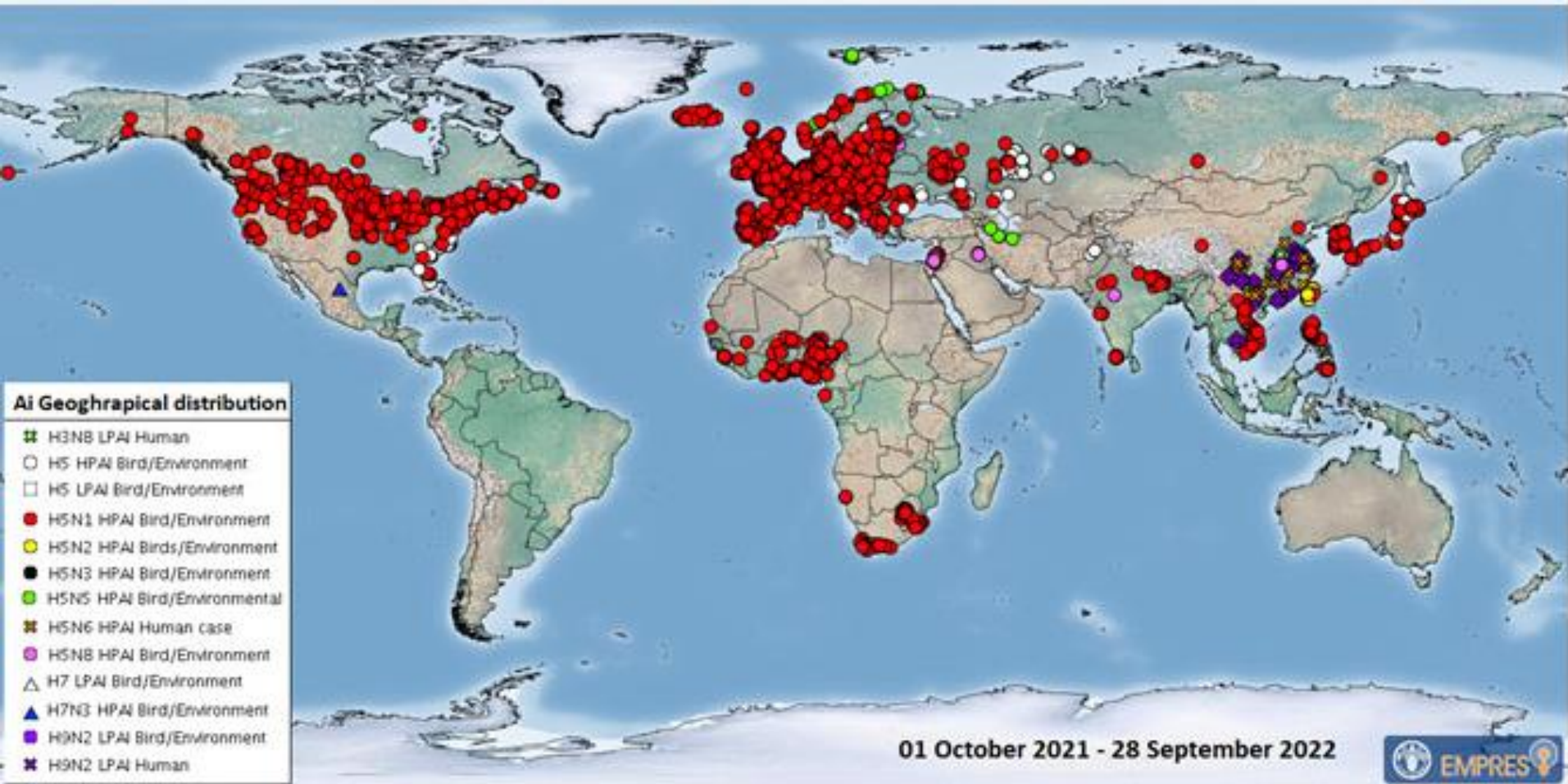
# AI-NDV SUBCOMMITTEE REPORT

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David L. Suarez D.V.M., Ph.D.

Report is based on European Food Safety Authority ([Avian influenza overview May – September 2022 | EFSA \(europa.eu\)](#)), OIE, FAO, ProMed, published manuscripts and personal research

# FAO Reports Avian Influenza Last 12 months

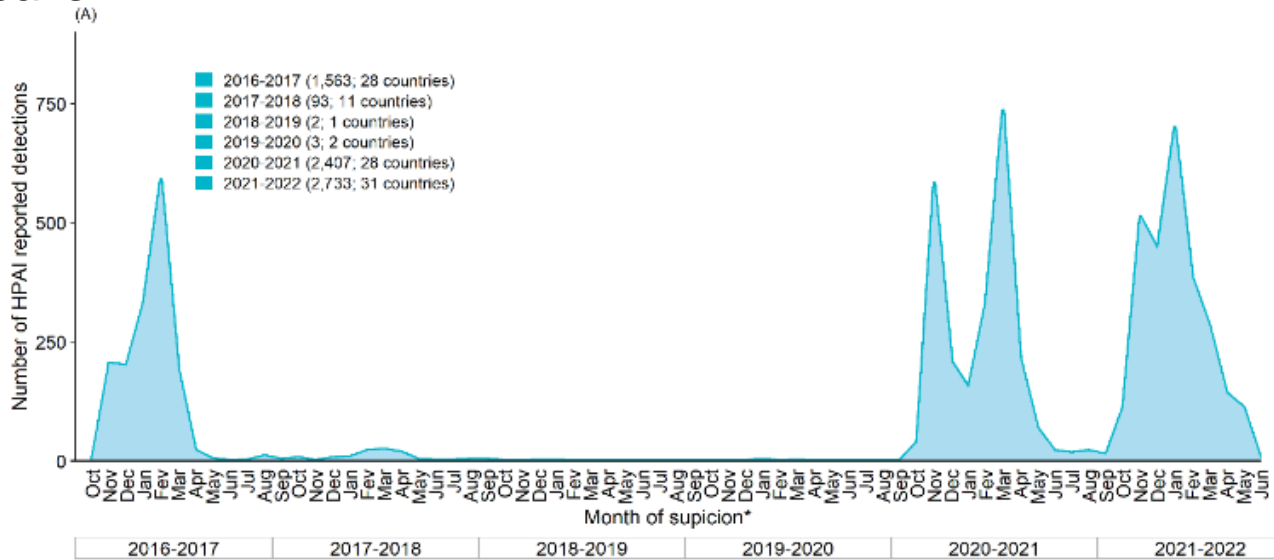


# Goose Guangdong Lineage H5

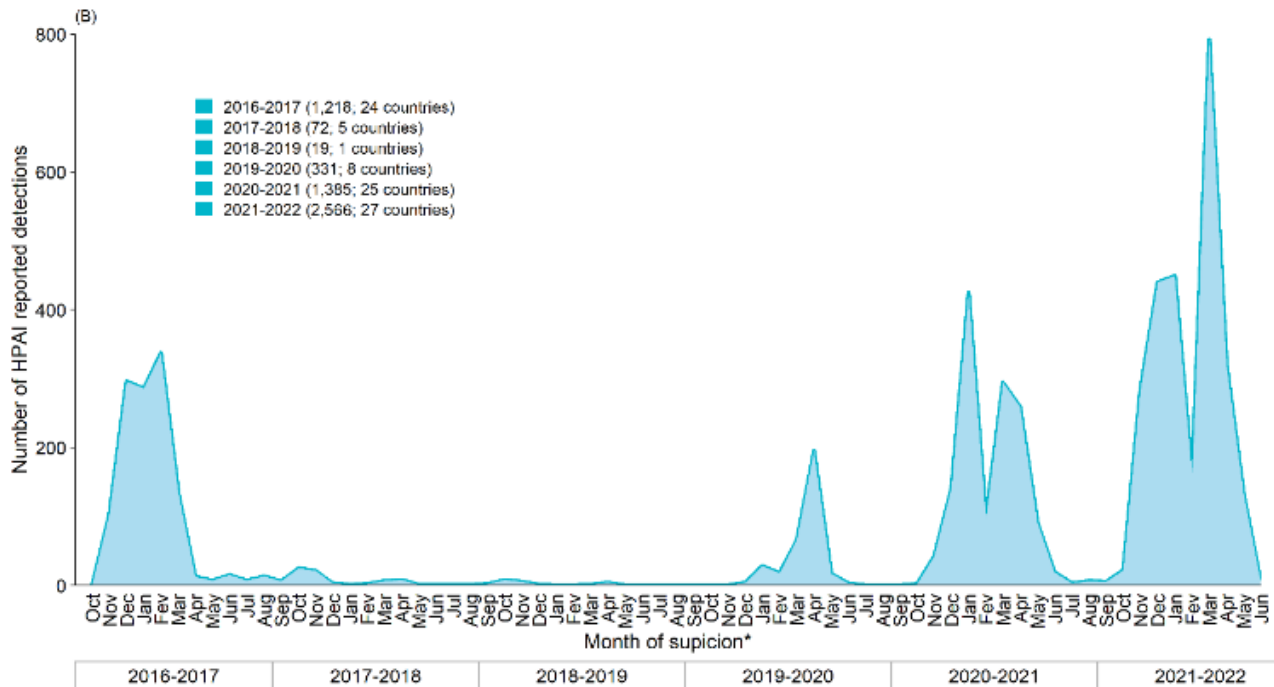
- Outbreaks in Europe, Africa, and Asia
- Poultry and wild bird concerns
- Continues as Zoonotic threat

# European Outbreaks

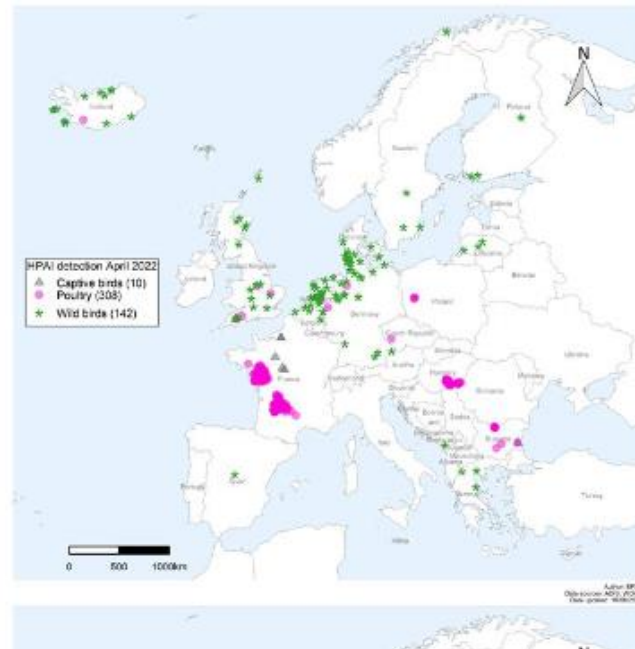
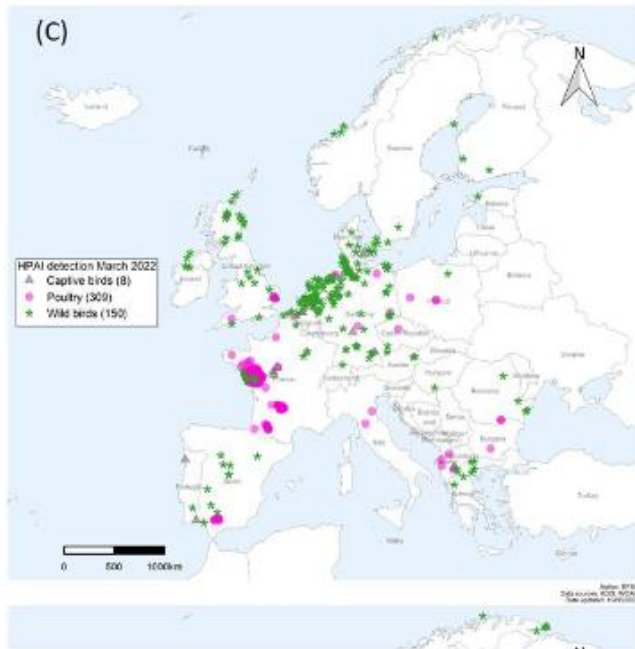
Wild Birds



Poultry

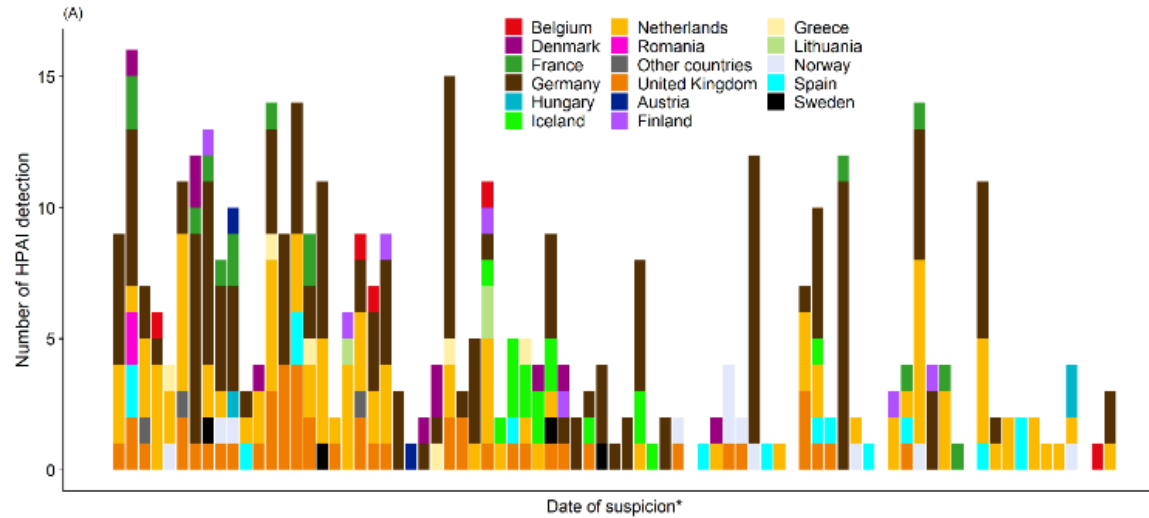


# European Outbreaks March-June 2022

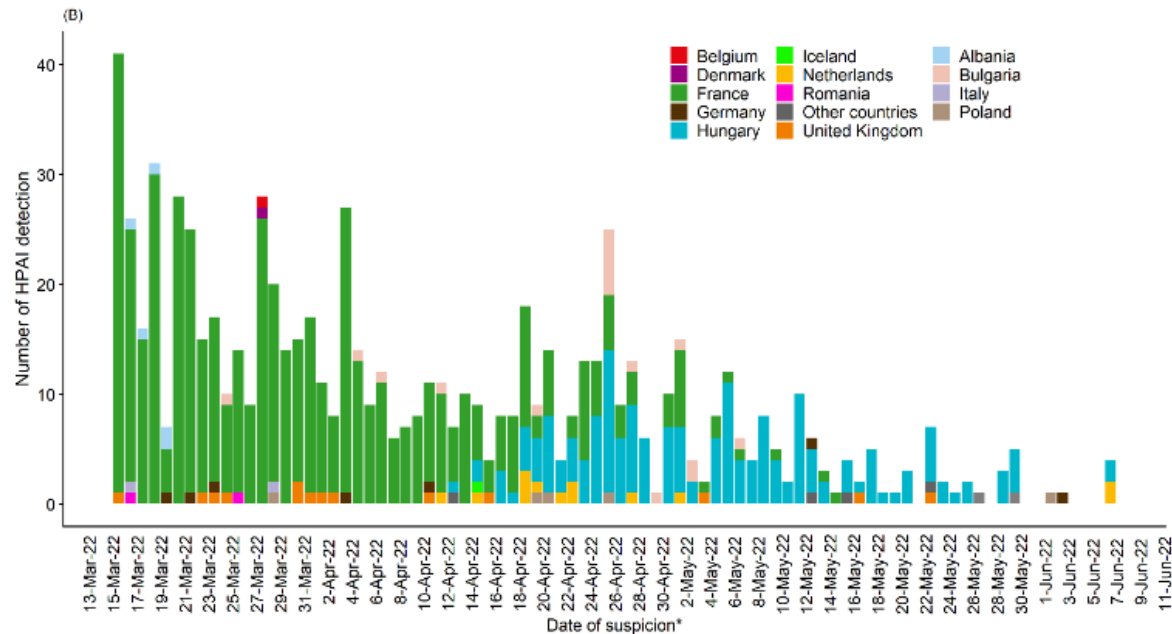


# Outbreaks March 15 –June 22, 2022

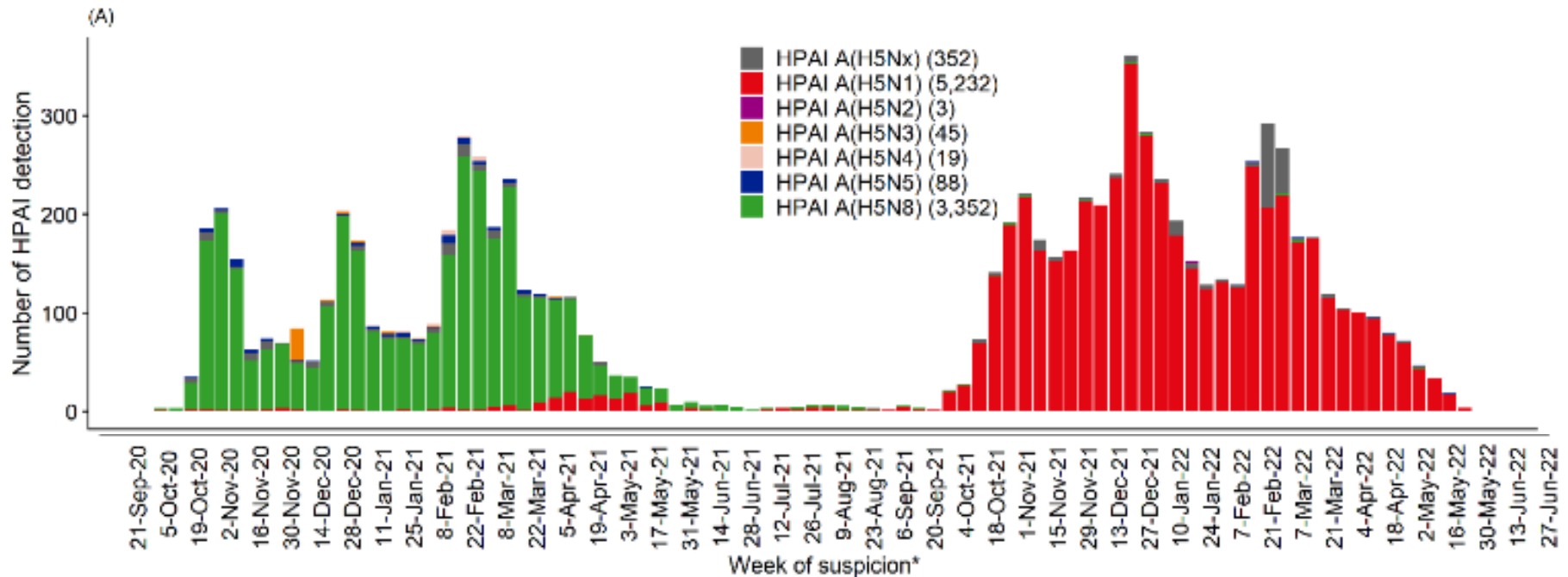
Wild Birds



Poultry

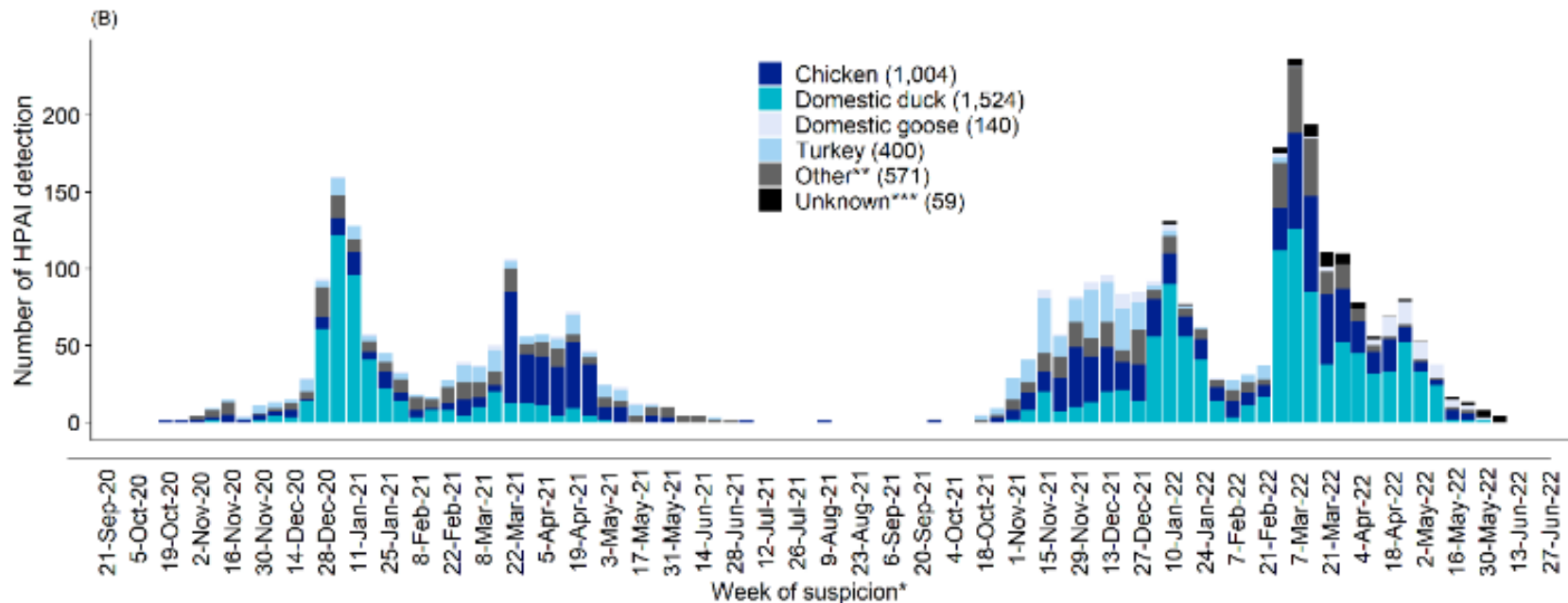


# European Outbreaks by Subtype (2 years)



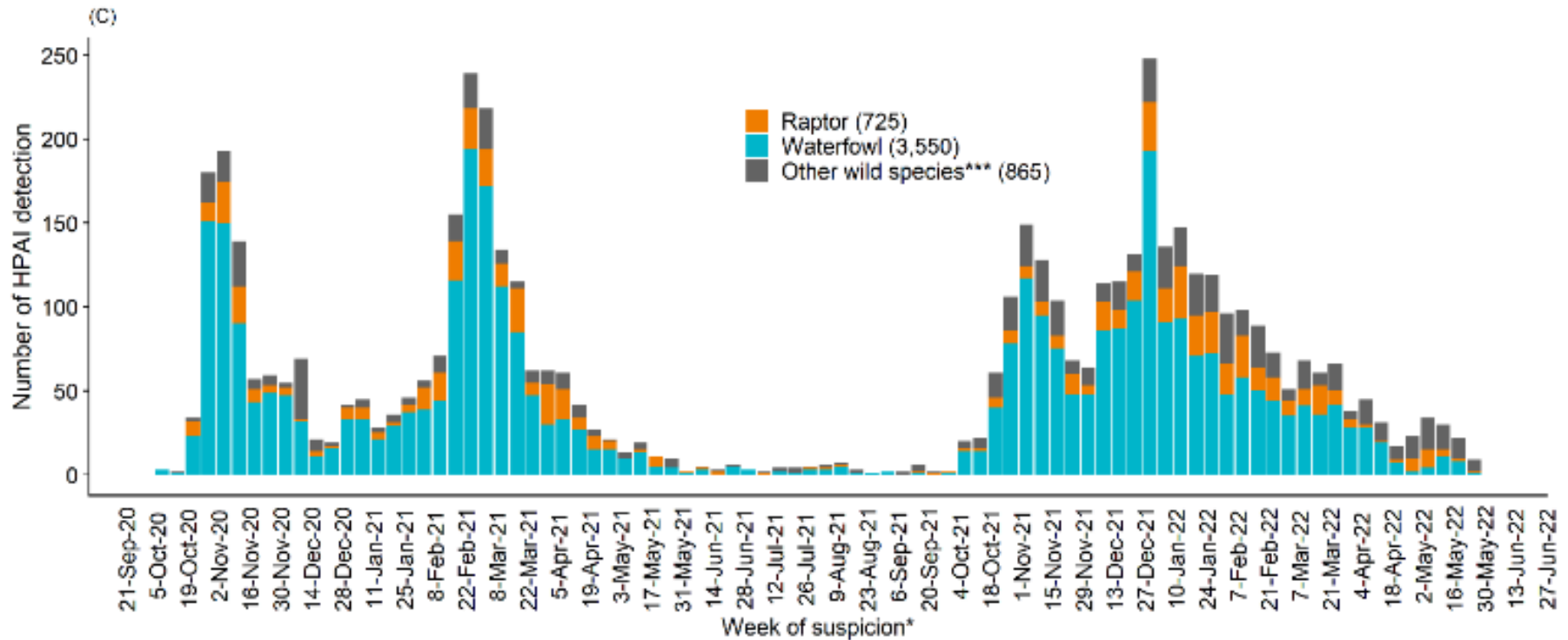


# European Outbreaks by Domestic Species

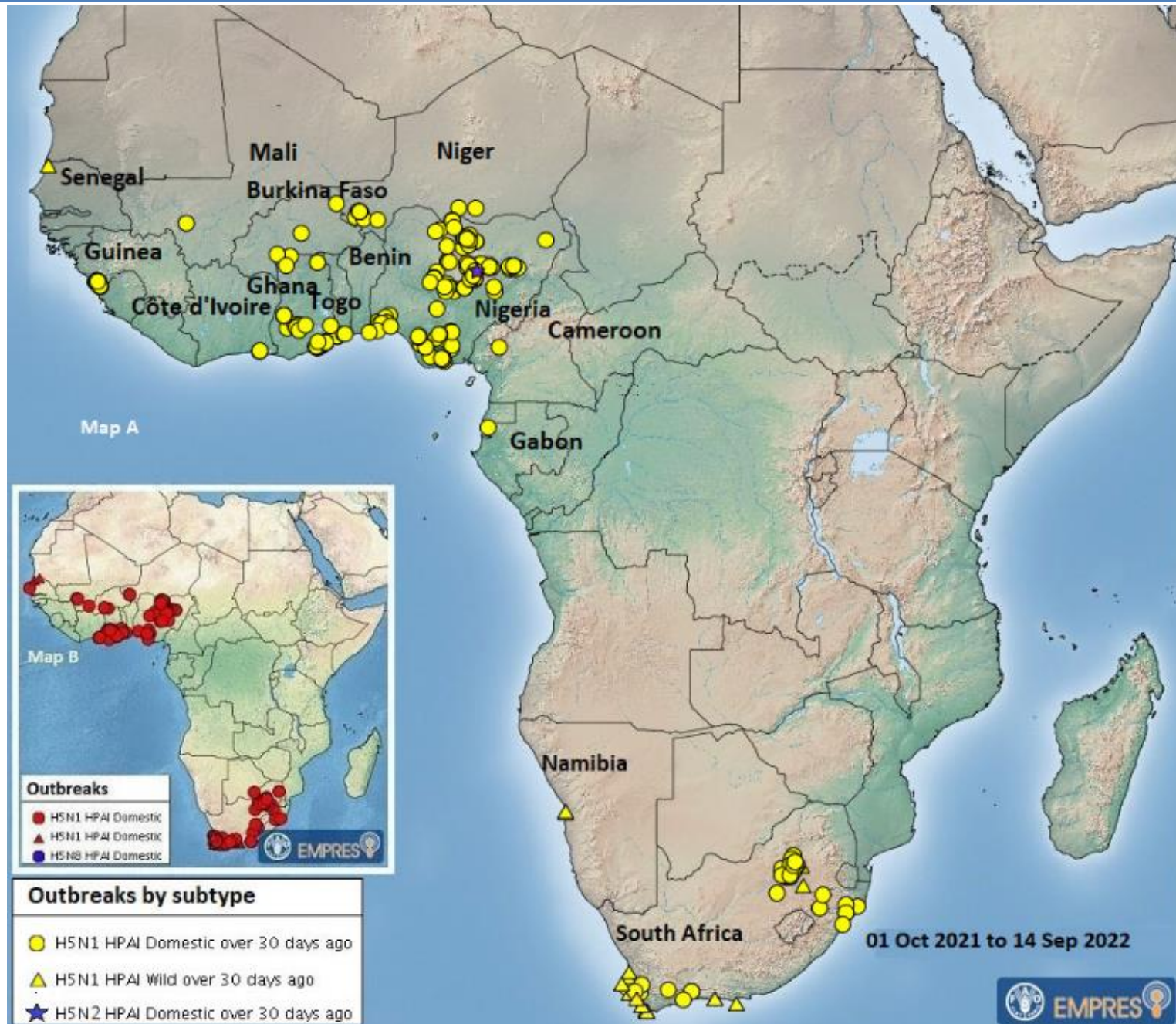




# Wild bird European Detections



Outbreak  
Summary Africa  
Oct 2021-Sep  
2022



# Africa 2020-21 H5 HPAI

- Highly pathogenic avian influenza virus (H5N1, H5N2, since Oct 2021).
- 15 Confirmed countries-most is H5N1
- Nigeria reported a H5N2 HPAI
- Numerous poultry outbreaks in South Africa, Nigeria, Ghana, and Guinea
- Multiple wild bird detections.
- Both wild bird introductions with local poultry spread are likely
- Egypt assumed endemic with both H5N1, H5N8, and H9N2

# Asia-H5 HPAI

- China, Vietnam, Taiwan, Indonesia, Pakistan, Iraq, Nepal, India, Iraq, Afghanistan, Philippines, Saudi Arabia, Iran, Iraq, Bangladesh, Japan, South Korea have reported outbreaks
- H5N1, H5N2, H5N3 and H5N8 found in poultry
- Wild bird detections common
  - Large die-off of Barnacle geese in Scotland (20% of flyway population)
  - Common cranes in Israel (estimated 8,000 deaths)

# Zoonotic Avian Influenza Infections

- H5N1-1 case USA (suspect)
- H5N6-14 China (81 cases since 2014)
- H9N2-6 cases in 2022. 78 cases since 2015 with 2 deaths (76 cases in China)
- H10N3-1 additional case-2 total (China)
- H3N8-2 cases in 2022
- H7N9-no new cases since 2019

# H7N3 HPAI outbreaks-Mexico

- Report of H7N23 HPAI in Coahuila and Durango
- A least 4 farms affected
- >90% mortality observed on index farm
- Vaccines are available, but currently unclear if affected farms used vaccination





# H5N2 Mexico

- No OIE reports of LP H5N2
- Published Update on H5N2 from Mexico
- FTA card surveillance show 2 distinct lineages continue to circulate

