

# Regional Animal Health Situation (2021 and 2022)

## 25<sup>th</sup> Conference of the WOAHA Regional Commission for Africa

---

Dr Jenny Hutchison

Head, World Animal Health Information and Analysis Department

21 February 2023



World  
Organisation  
for Animal  
Health  
Founded as OIE

Organisation  
mondiale  
de la santé  
animale  
Fondée en tant qu'OIE

Organización  
Mundial  
de Sanidad  
Animal  
Fundada como OIE

## Outline

1. Acknowledgements
2. WAHIS update
3. Animal health situation in Africa
  - High pathogenicity avian influenza
  - Selected zoonotic vector-borne diseases
    - Crimean-Congo haemorrhagic fever
    - Rift Valley fever
    - West Nile fever
  - African swine fever
  - Peste des petits ruminants
  - Aquatic animal diseases
4. Key message

## Acknowledgements and thanks

### To those who:

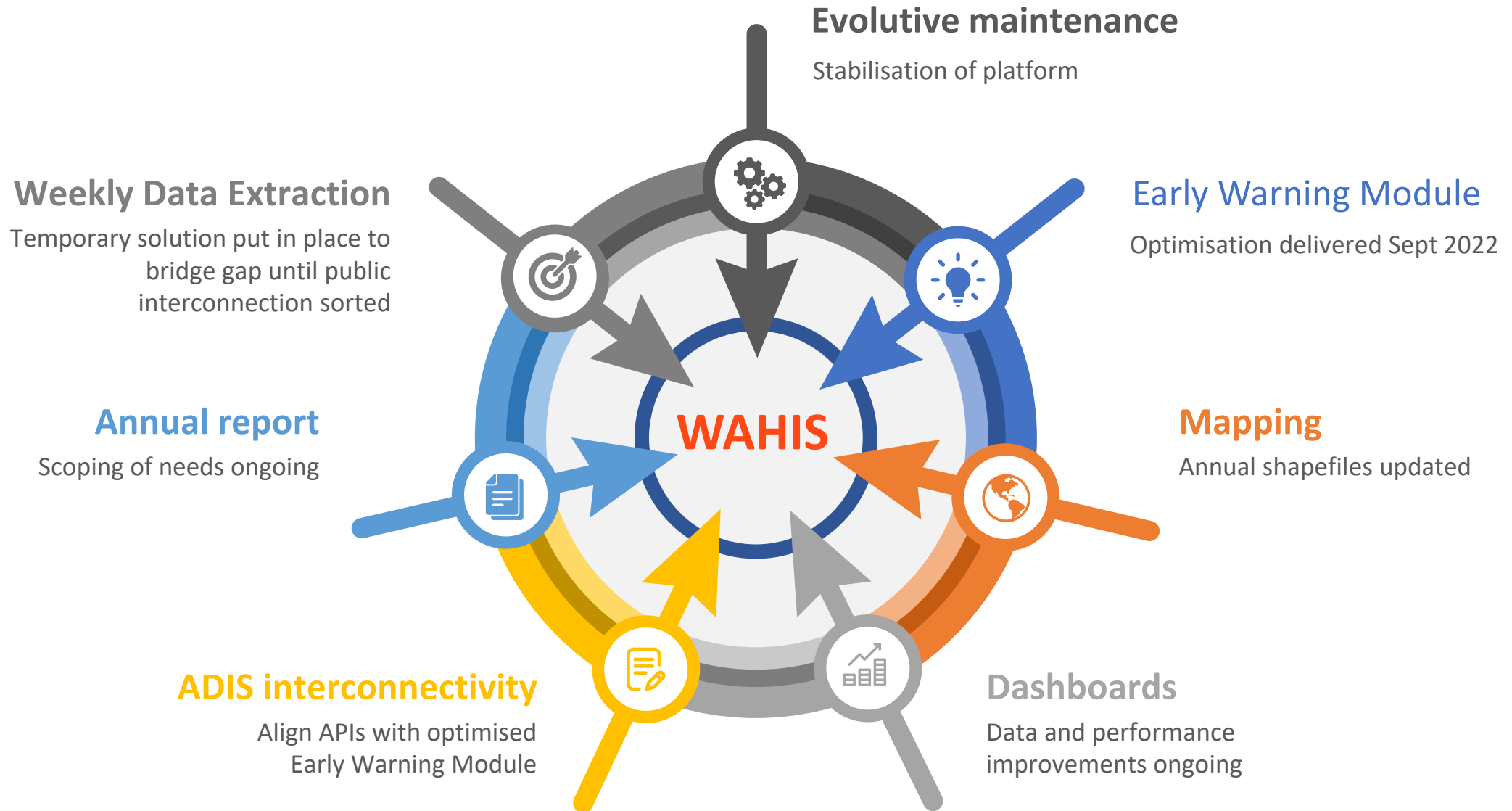
- report
  - Members (Delegates and Focal Points)
- make reporting possible
  - WAHIAD team
    - active search
    - early warning
    - monitoring
    - WAHIS project
    - training
  - Regional and Sub-Regional Representatives
- analyse, summarise, interpret
  - Data Integration Department (DID) team (Head: Dr Laure Weber-Vintzel)
    - Drs Lina Awada and Paolo Tizzani
  - WAHIAD team

# WAHIS Update

Business Programme Lead – Dr Peter Melens

Business Project Manager – Natalja Lambergeon

# WAHIS Achievements in 2022



# What is planned for WAHIS in 2023?

## WAHIS maintenance and evolution

### Early Warning module

Deliver outstanding priorities  
Q1 2023

02

### Annual report

Delivery Q4 2023

04

### Dashboards

Optimisation and performance  
delivered Q1

06

01

### ADIS interconnection

Expected Q2 – Q3 2023

03

### Six-Monthly Report

Optimisation expected Q3 2023

05

### Public Interface

Rebranding and optimisation  
Q1 2023

07

### Codification

Integrate codification principles  
by Q3 2023

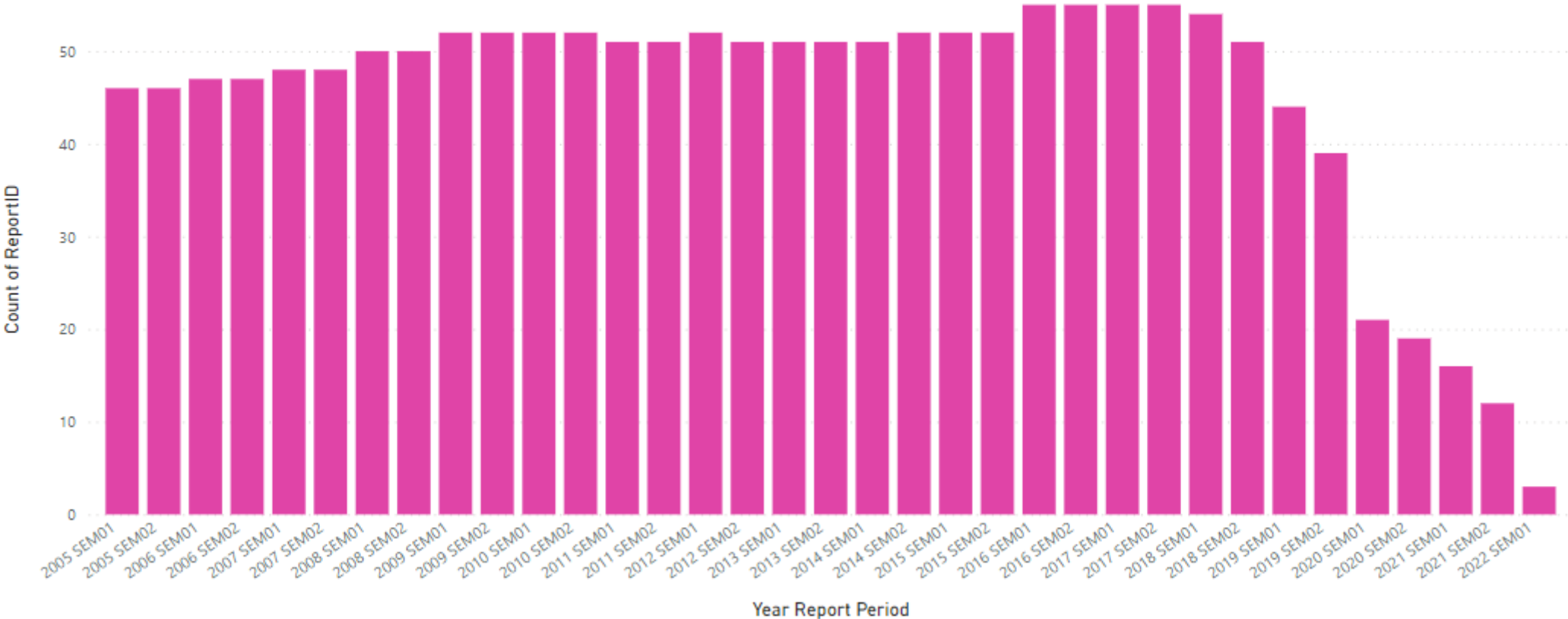


# Animal health situation in Africa

# Terrestrial Six-Monthly Reporting in Africa as of 13 February 2023

Count of ReportID by Year, Report Period and Report Status

Report Status ● Validated



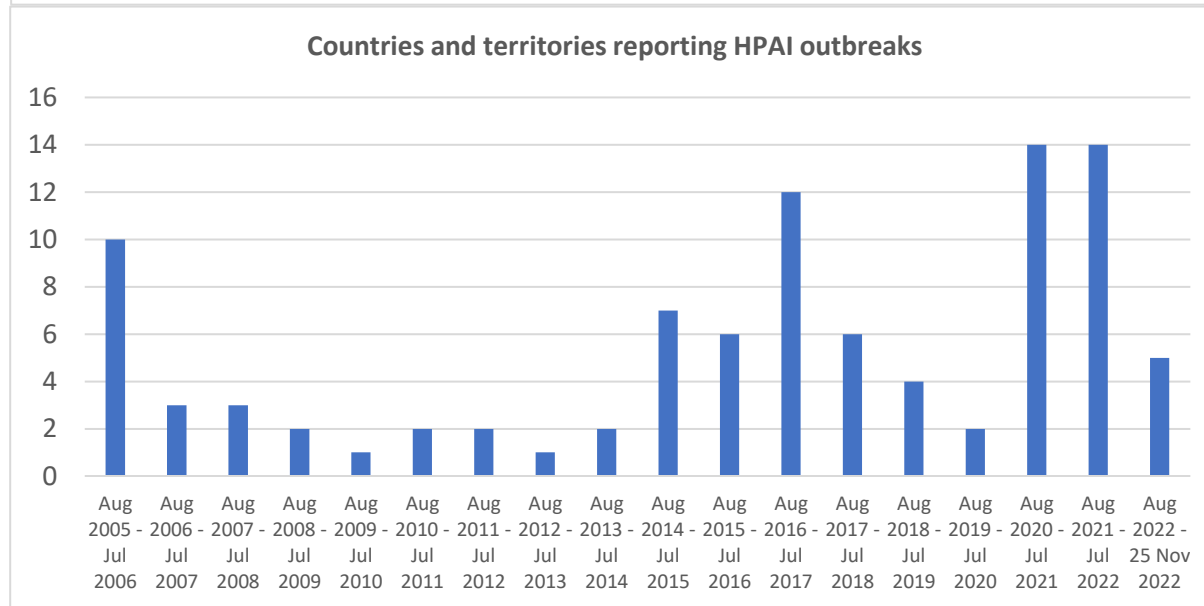
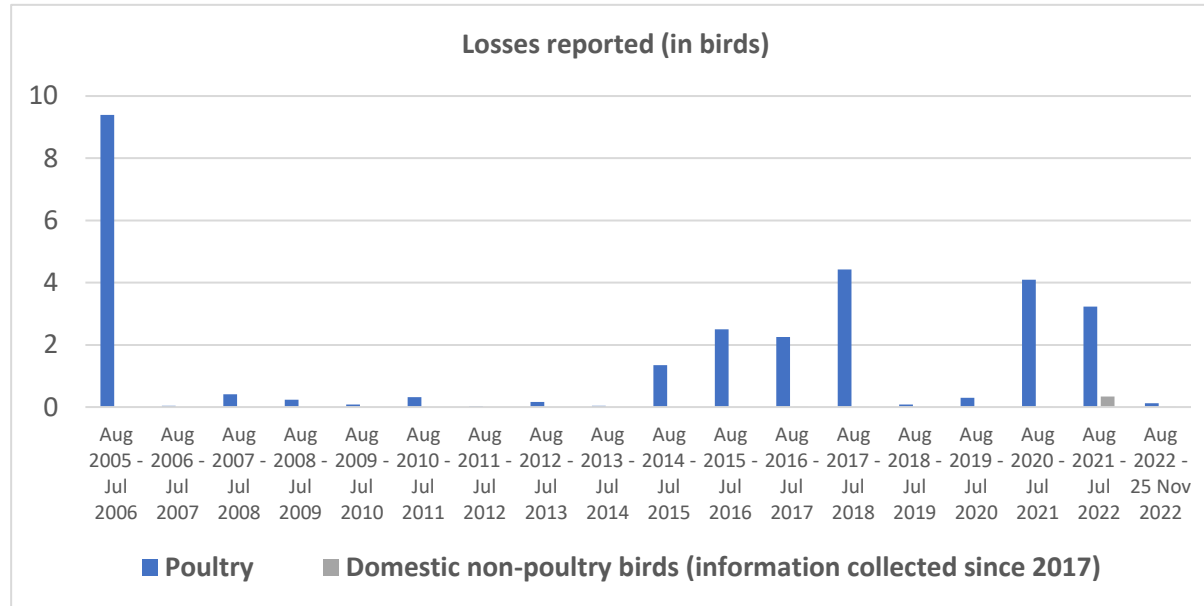


# Infection with high pathogenicity avian influenza viruses



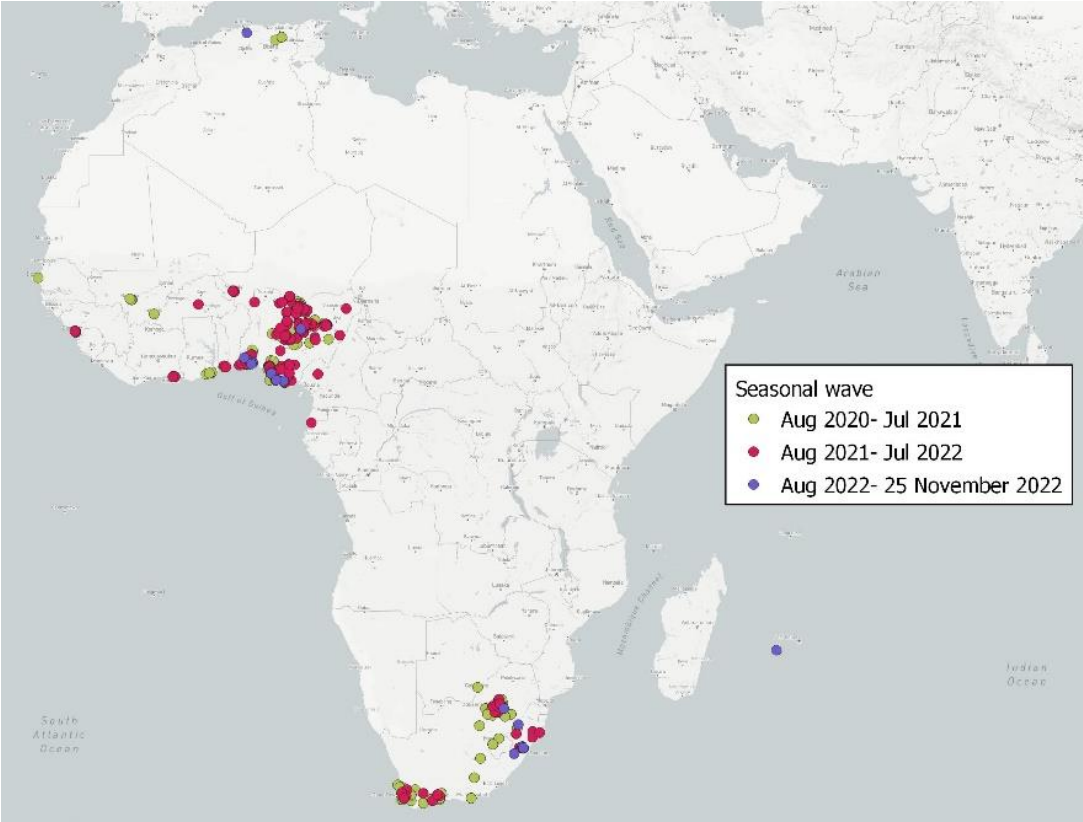
# Impact of high pathogenicity avian influenza outbreaks reported through the early warning system between 1 August 2005 and 25 November 2022

Sum of number of birds killed or disposed of within outbreaks

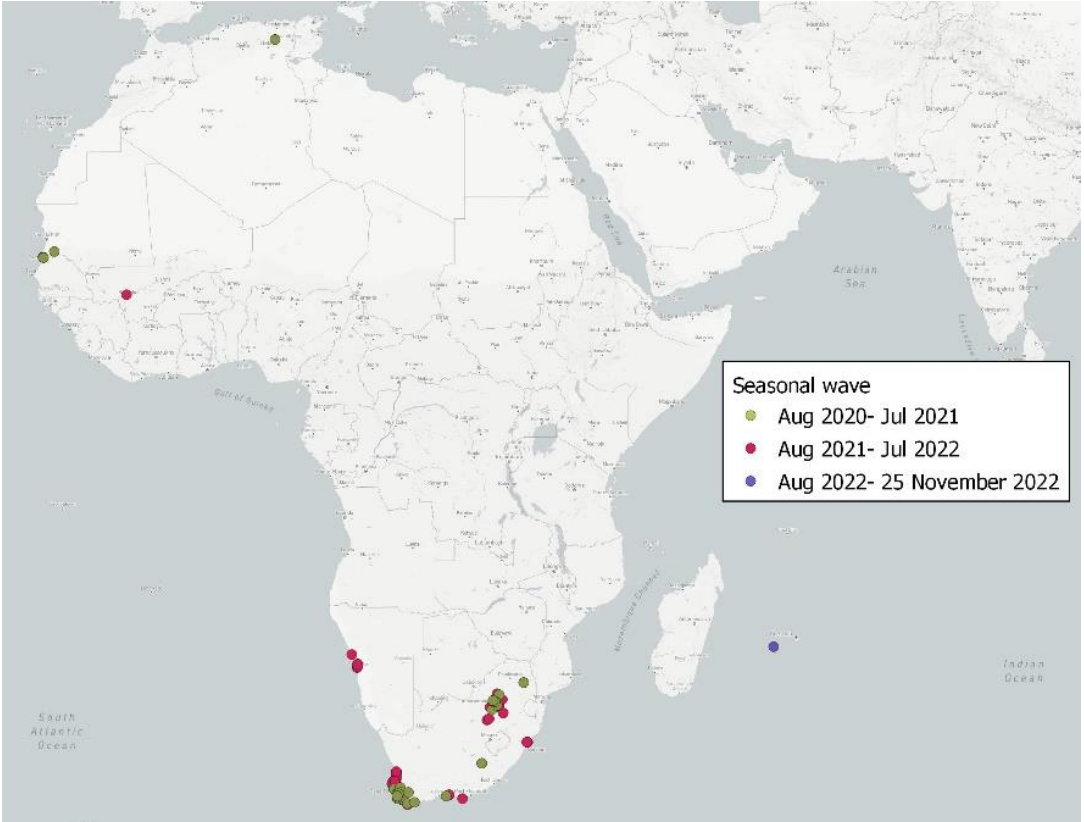


# High pathogenicity avian influenza outbreaks reported through the early warning system between 1 August 2020 and 25 November 2022

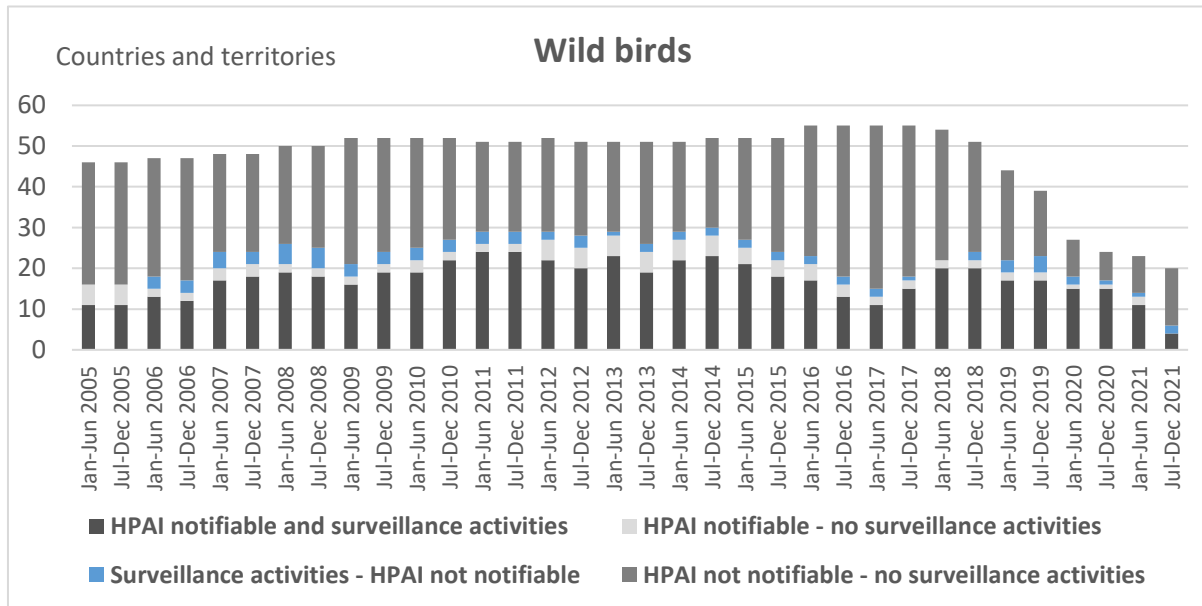
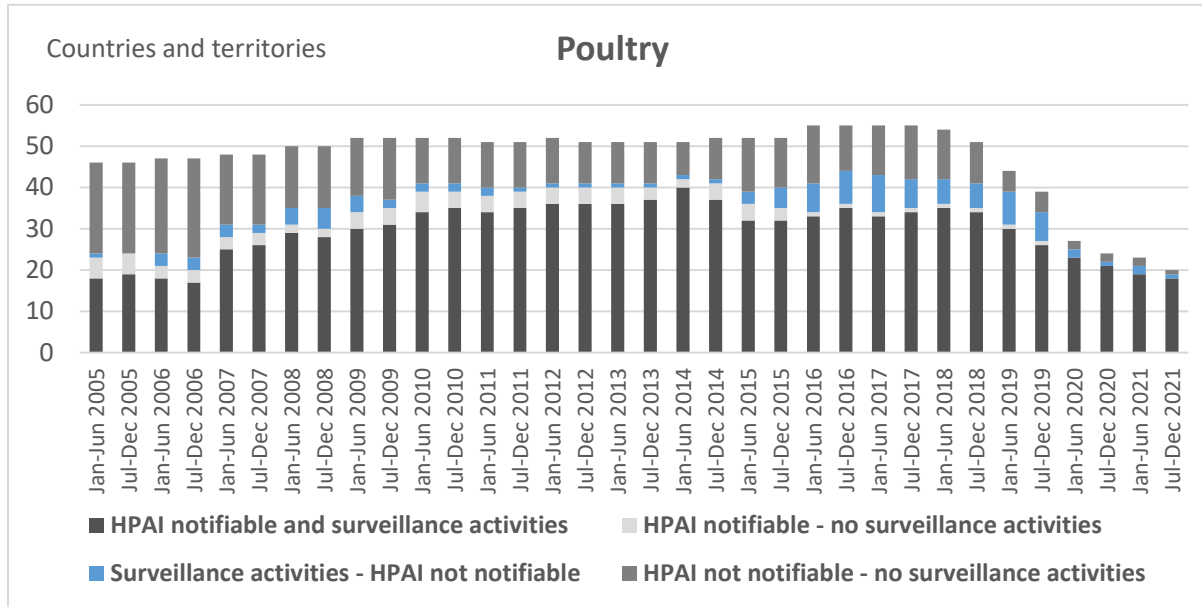
## Outbreaks in poultry



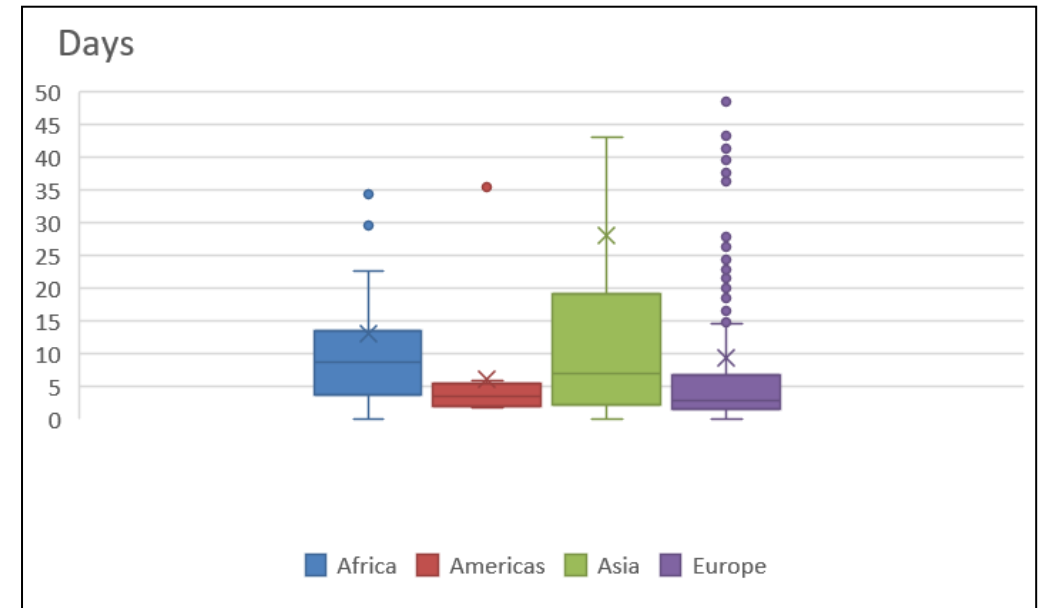
## Outbreaks in non-poultry including wild birds



# Control and prevention of spread of high pathogenicity avian influenza



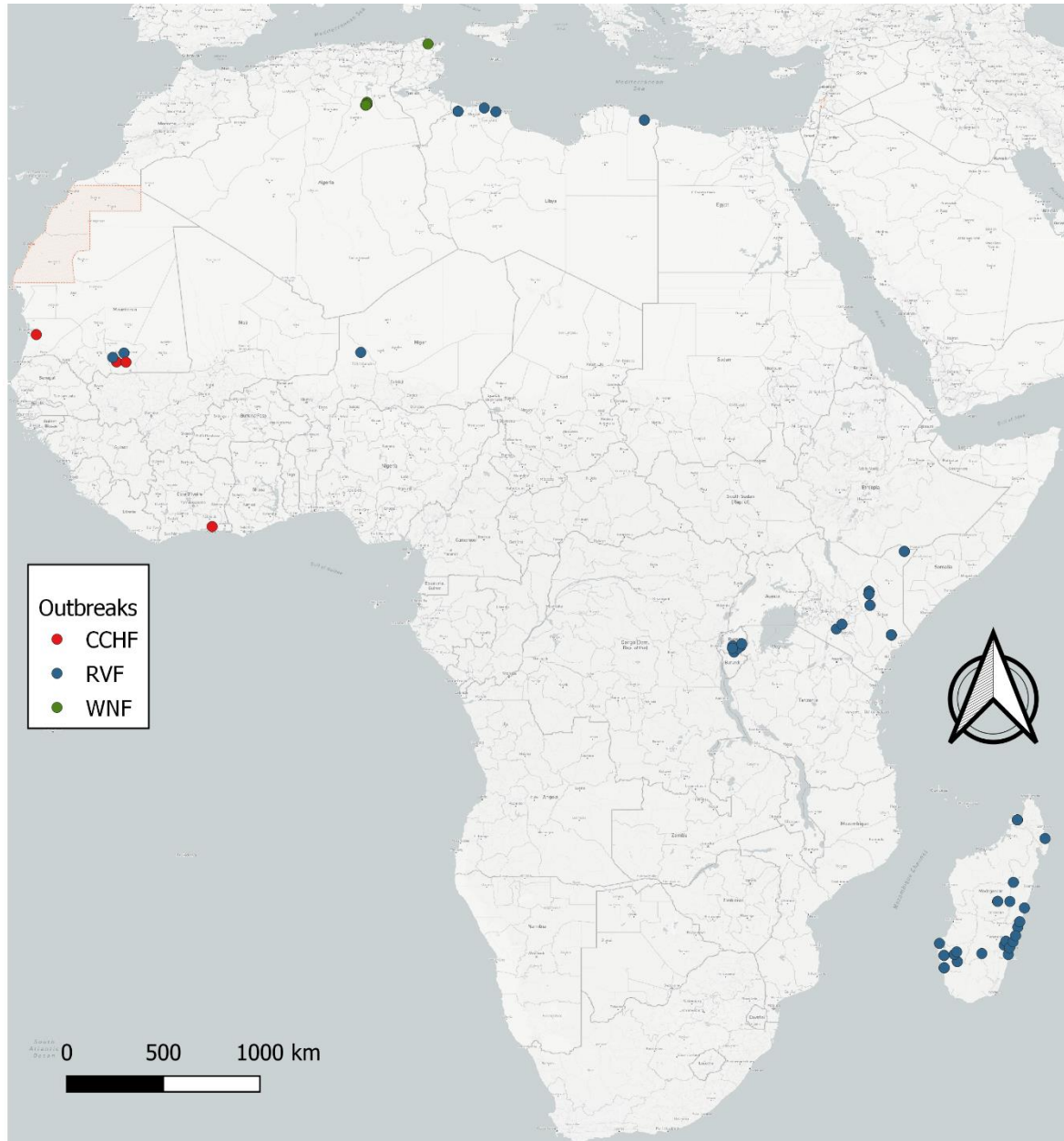
Submission time (days) between confirmation of disease and notification to WOA, by region



# Update on three zoonotic vector-borne diseases



# Outbreaks of Crimean-Congo haemorrhagic fever, Rift Valley fever, and West Nile fever reported through the early warning system between 1 January 2021 and 25 November 2022



Percentage of reporting countries declaring the diseases notifiable in 2018

Notifi_2018	CCHF	RVF	WNF
Domestic	34%	71%	36%
Wildlife	19%	27%	17%

Percentage of reporting countries declaring surveillance activities for the diseases in 2018

Surveillance_2018	CCHF	RVF	WNF
Domestic	37%	71%	38%
Wildlife	17%	36%	12%

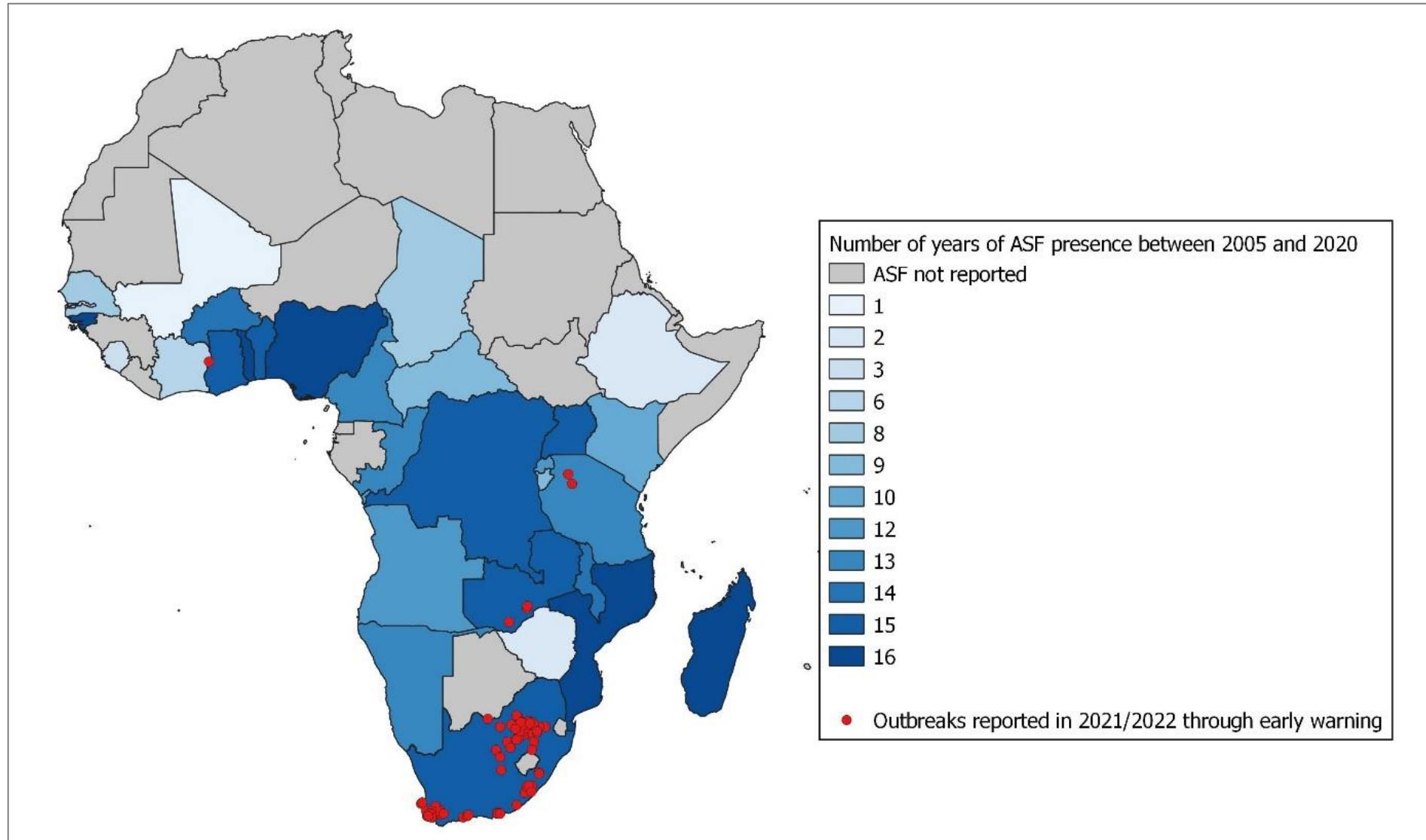
## Potential consequences of low levels of surveillance:

- increase risk undetected circulation of the viruses
- delayed identification of a disease after introduction to a country
- underestimation of the true disease burden in animals and humans.

A lush tropical forest scene with sunlight filtering through the dense canopy. The image features various types of green foliage, including large broad leaves in the foreground and palm fronds on the right. The background is filled with tall, thin tree trunks and a thick layer of leaves, creating a sense of depth and a vibrant green environment.

Infection with African swine fever  
virus

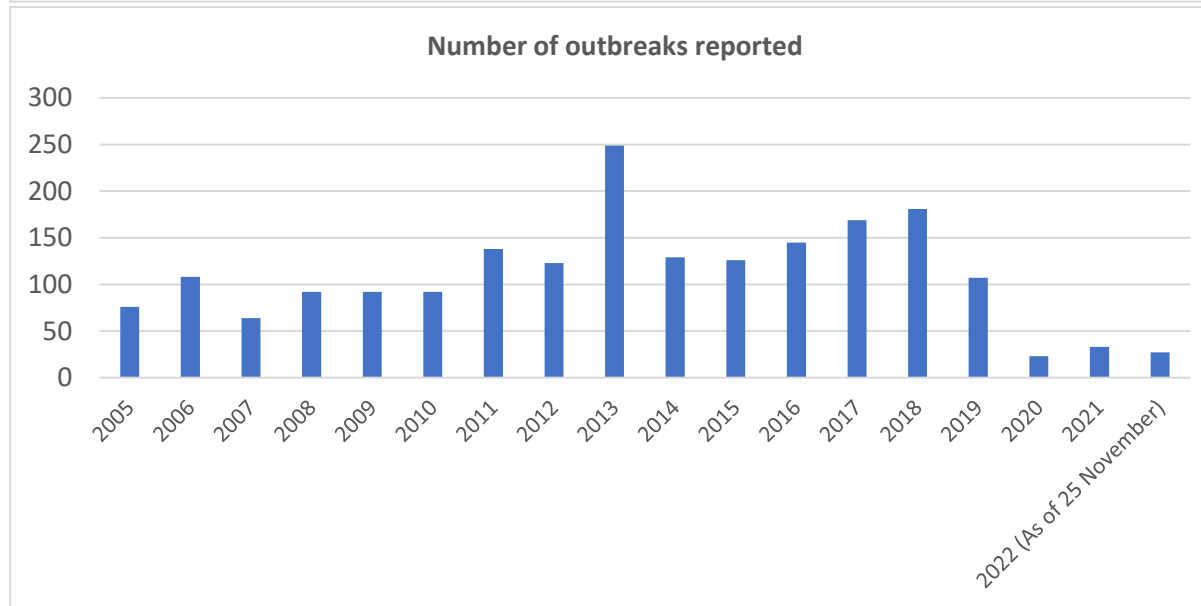
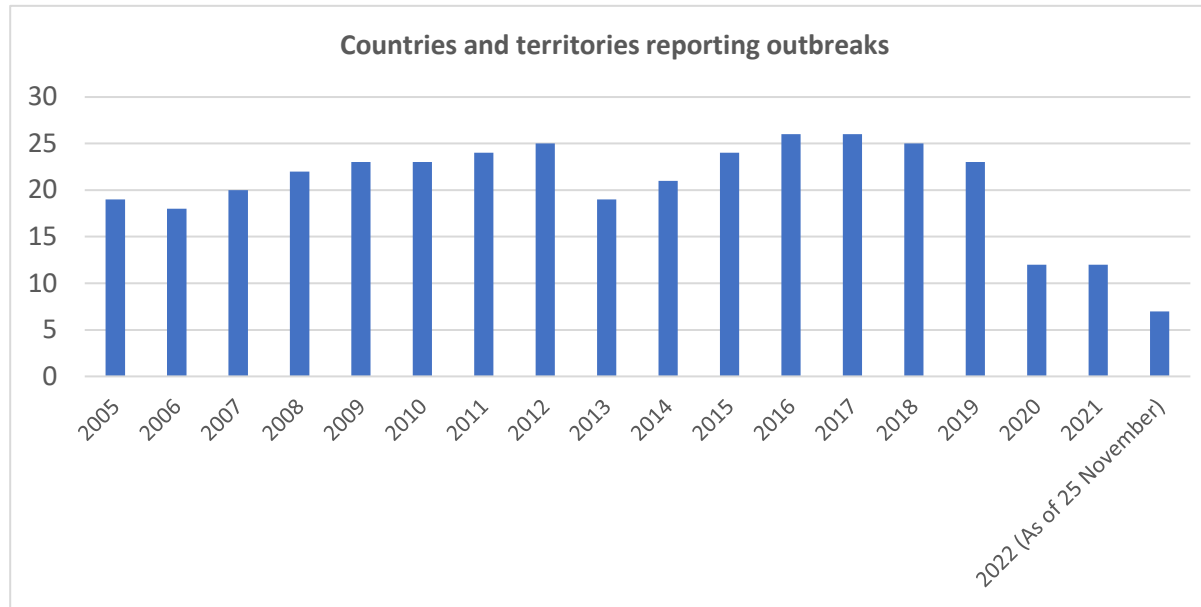
# Presence of African swine fever in Africa reported to WAHIS between 1 January 2021 and 25 November 2022 through six-monthly reports





# Reporting of African swine fever in Africa to WOAAH through six-monthly reports from 2005 to 2022

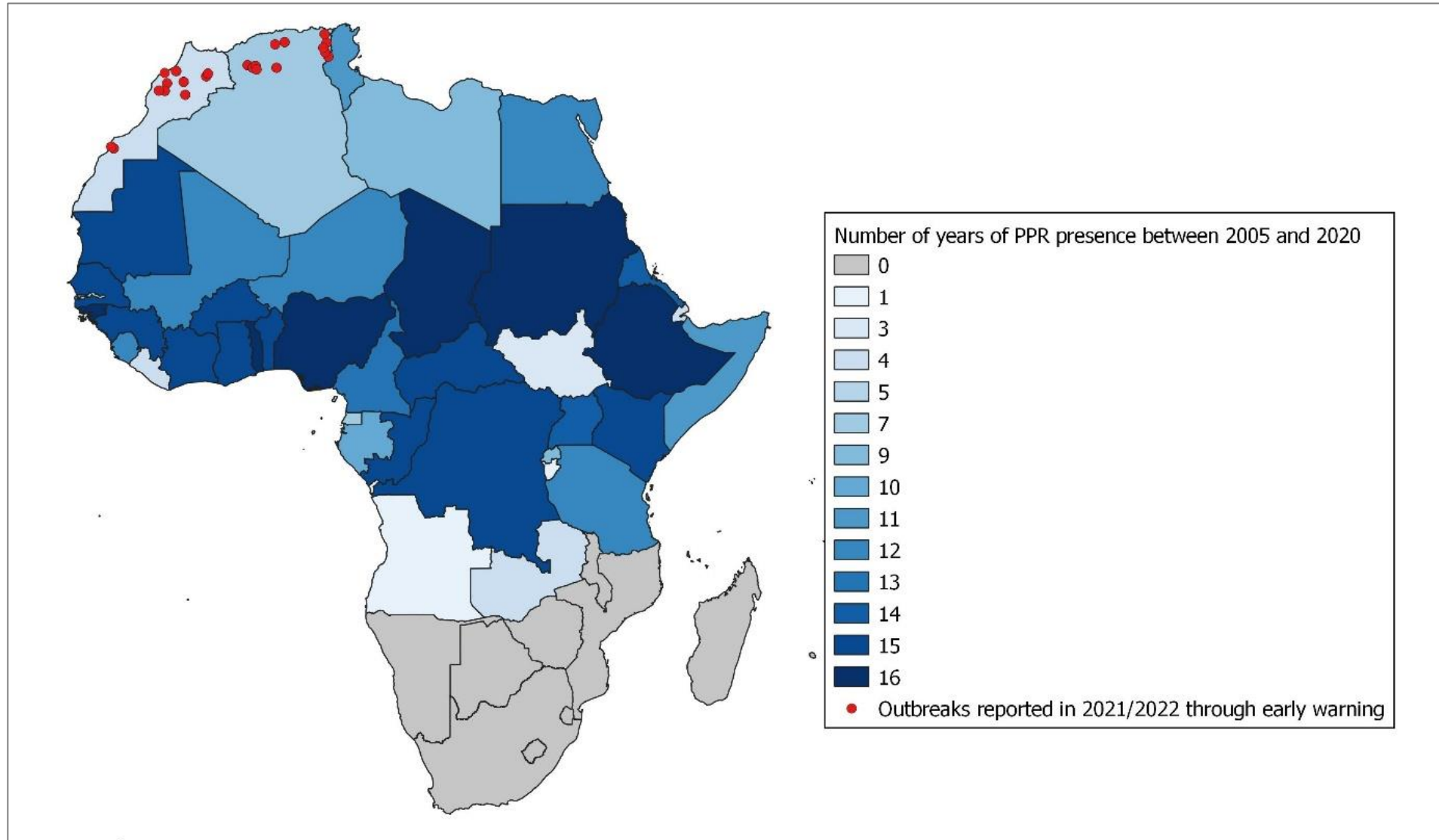
Data incomplete for 2020, 2021, and 2022



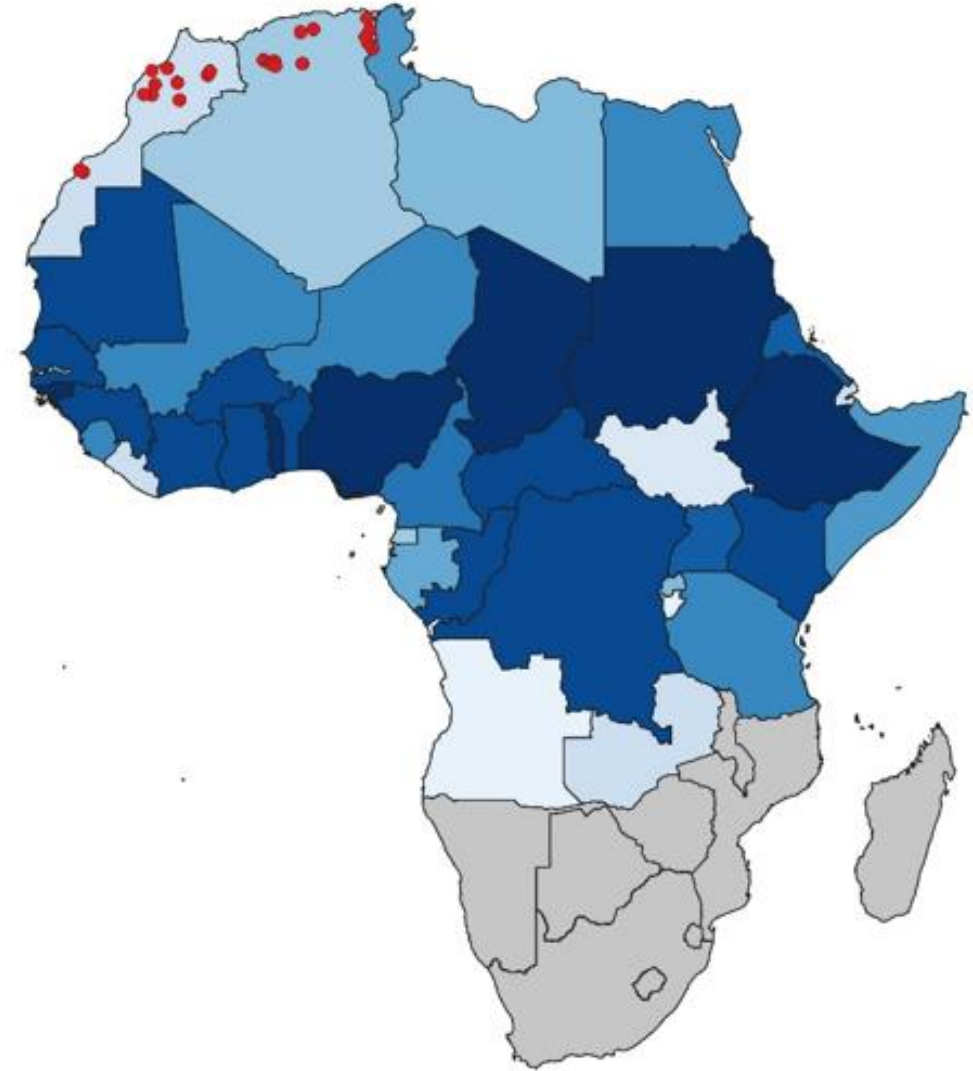
# Infection with peste des petits ruminants



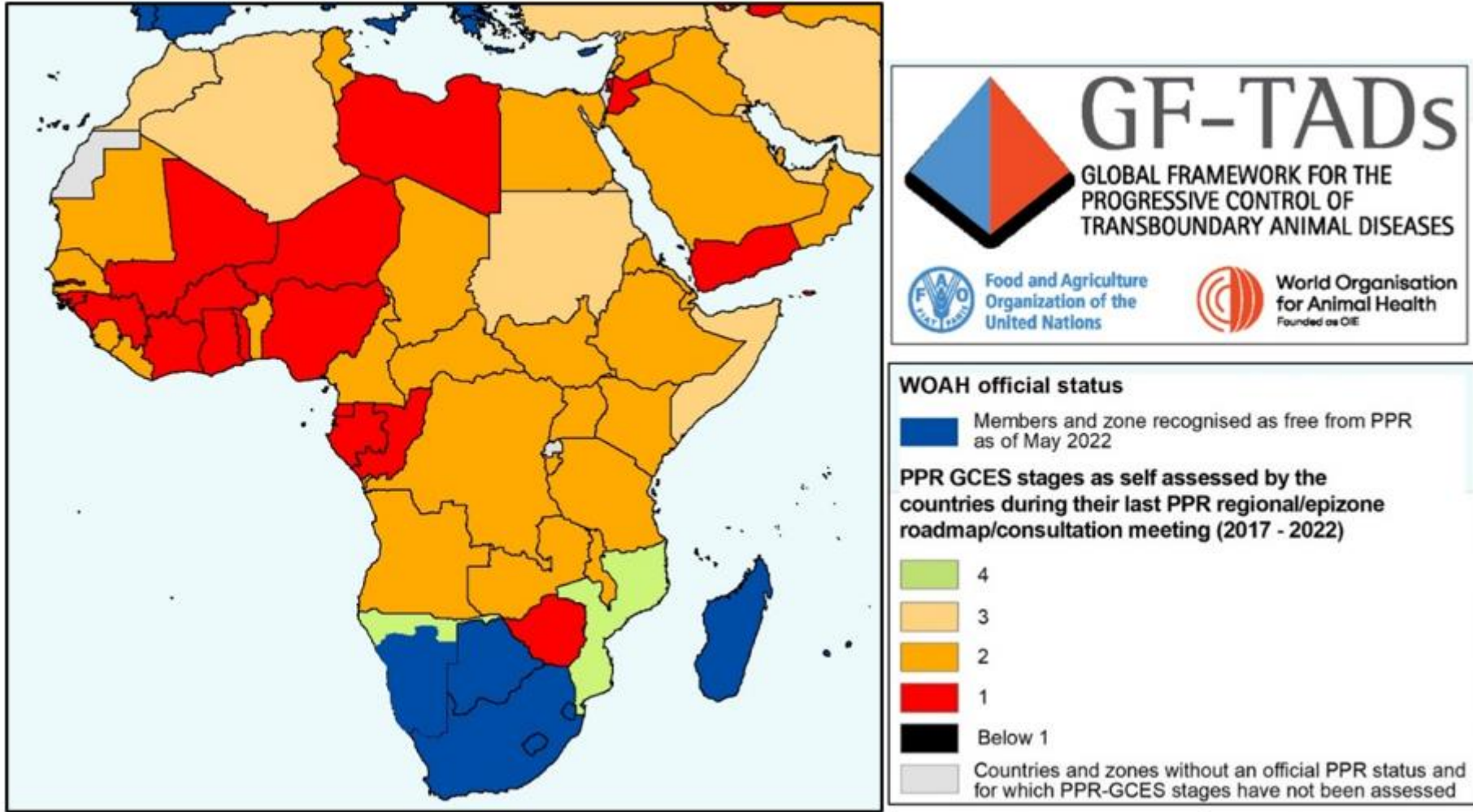
# Presence of peste des petits ruminants in Africa reported to WAHIS between 1 January 2021 and 25 November 2022



Official WOAH status for peste des petits ruminants in Africa  
(map updated May 2022) compared with distribution of PPR

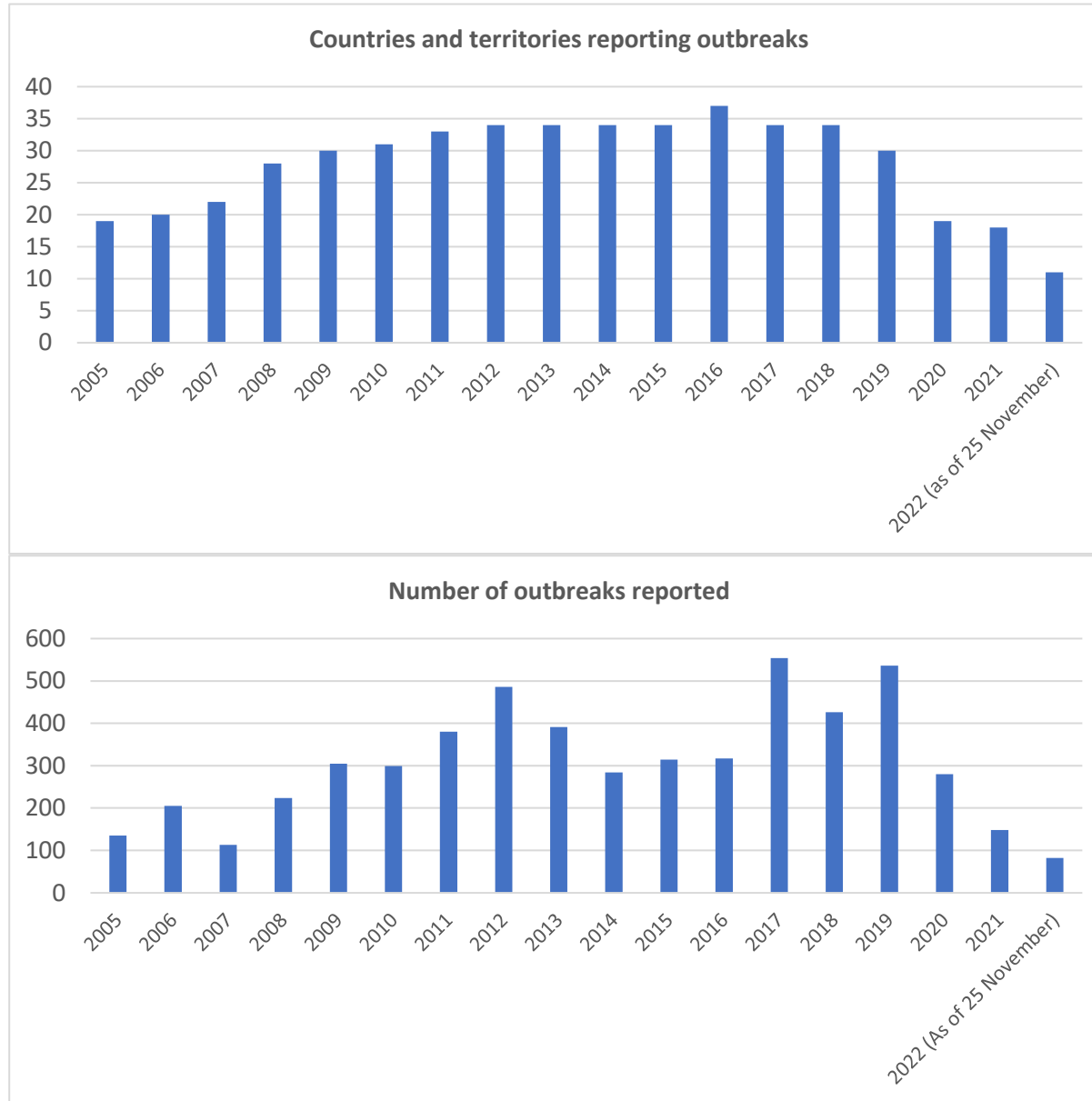


# Peste des petits ruminants situation with respect to the Global Control and Eradication Strategy stages, June 2022

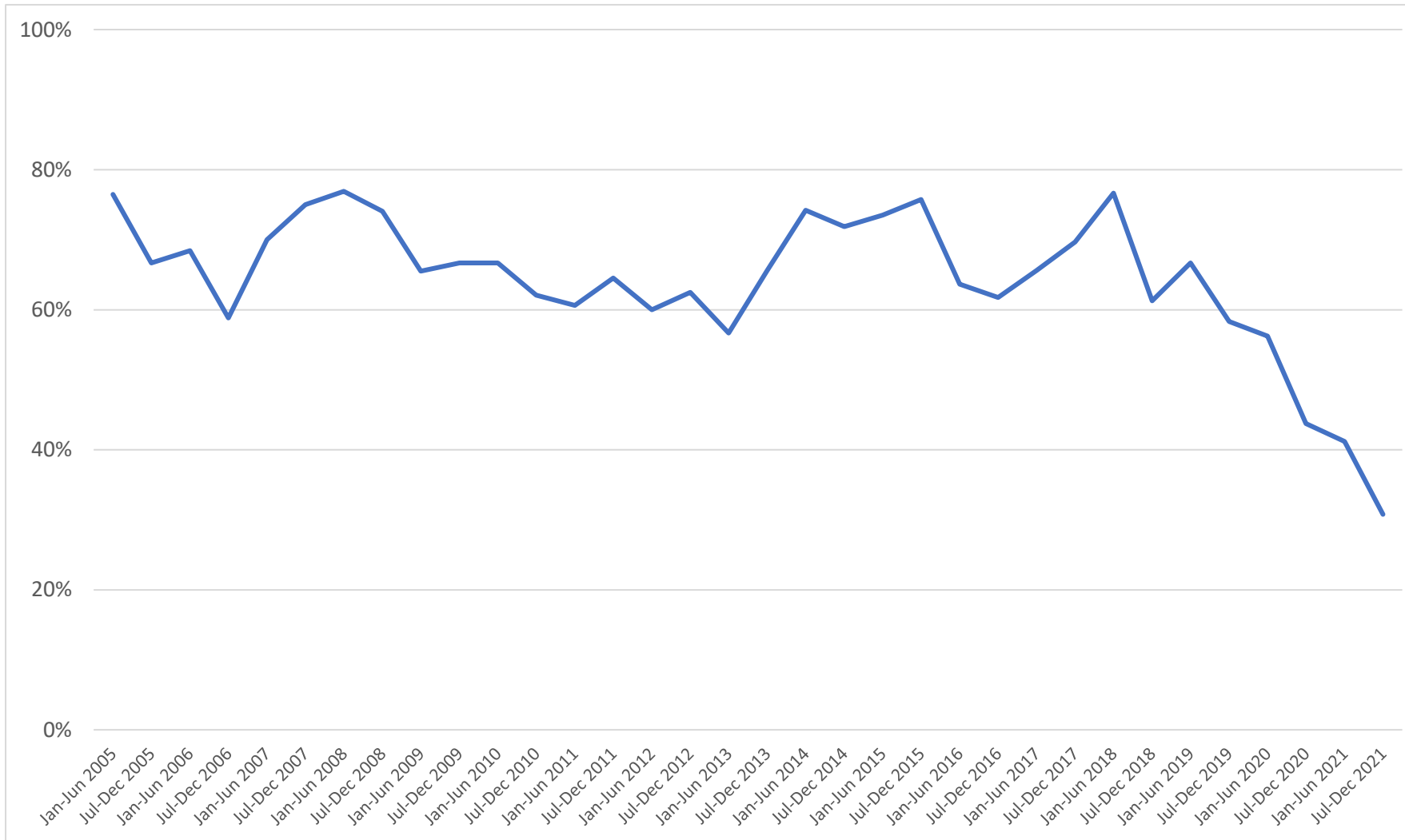


# Reporting of peste des petits ruminants in Africa to WOAAH between 2005 and 2022

Data incomplete for 2020, 2021, and 2022



# Vaccination against peste des petits ruminants in Africa



- Data incomplete for 2020, 2021, and 2022
- Percentage of reporting countries with PPR that report official vaccination

# Reporting of aquatic animal diseases



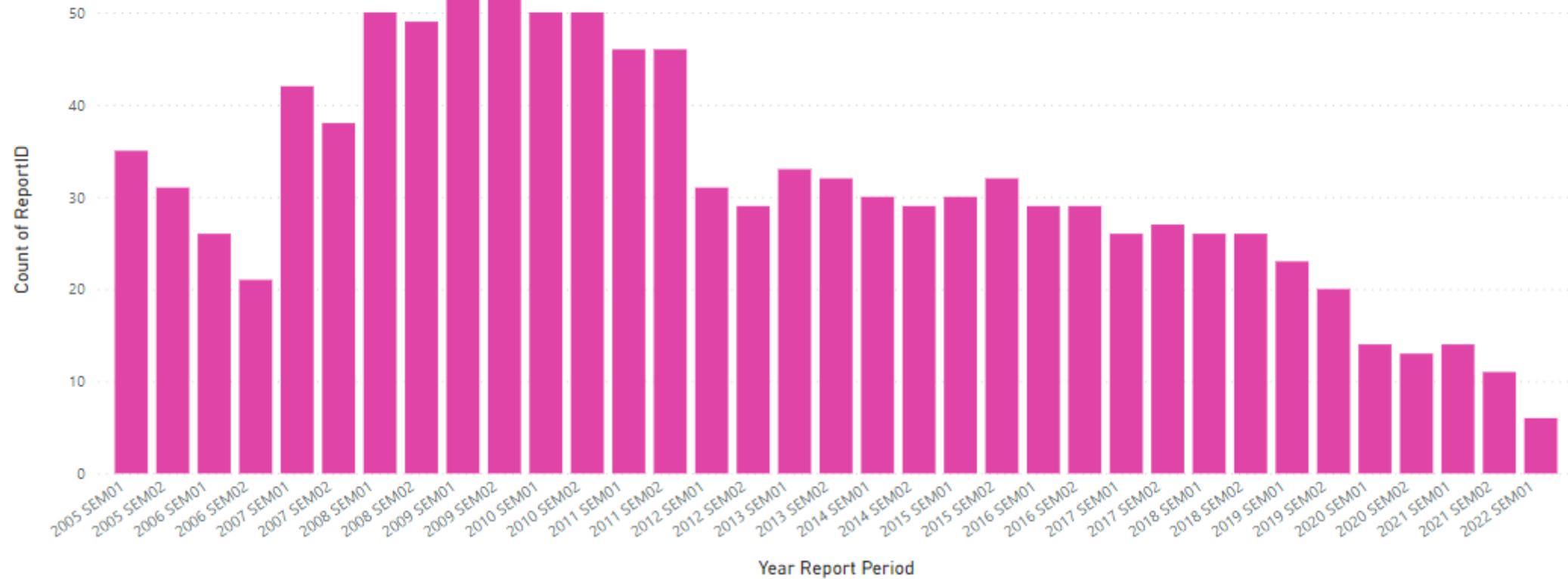


# Aquatic Six-Monthly Reporting in Africa as of 13 February 2023

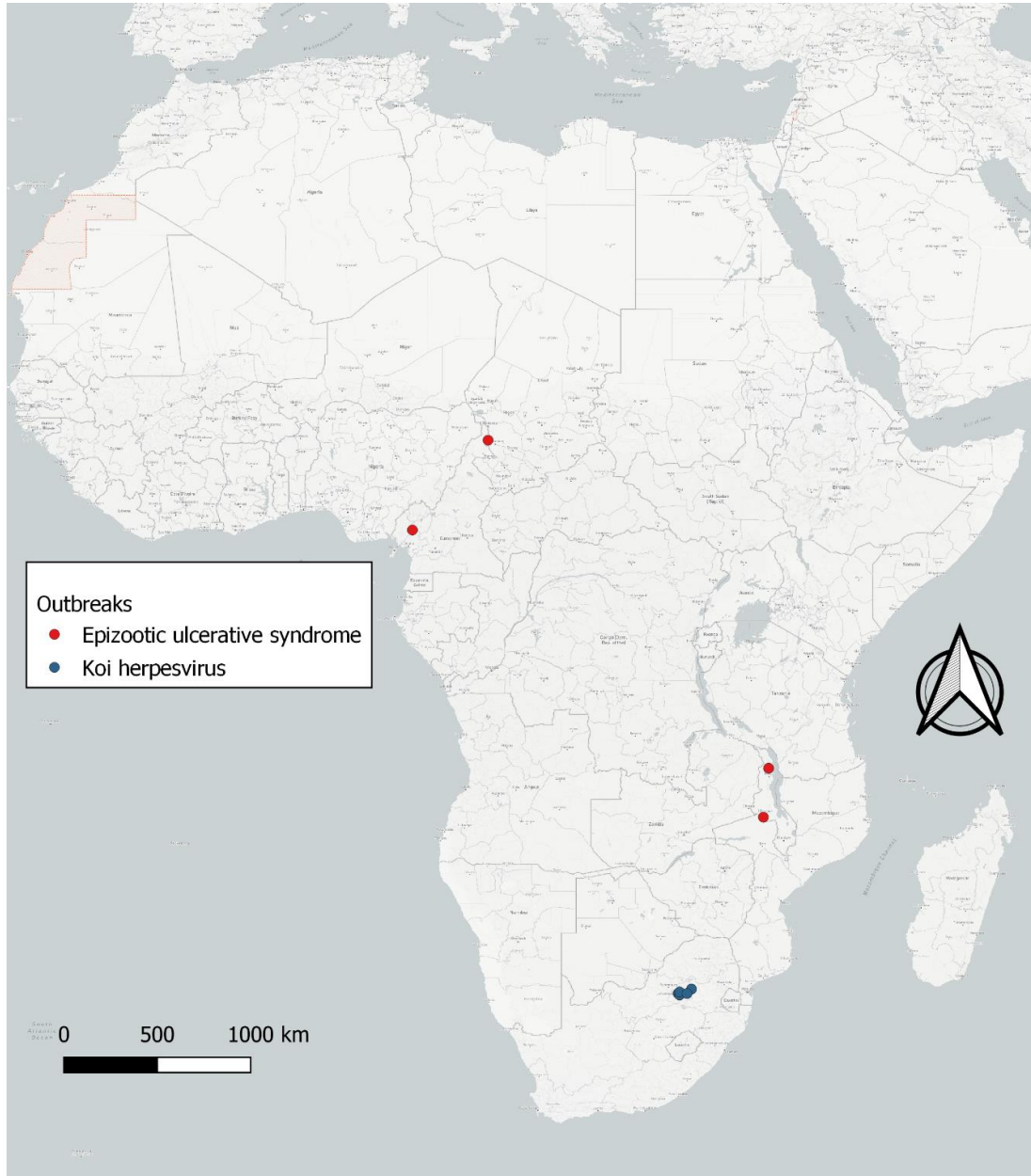
Count of ReportID by Year, Report Period and Report Status



Report Status ● Validated



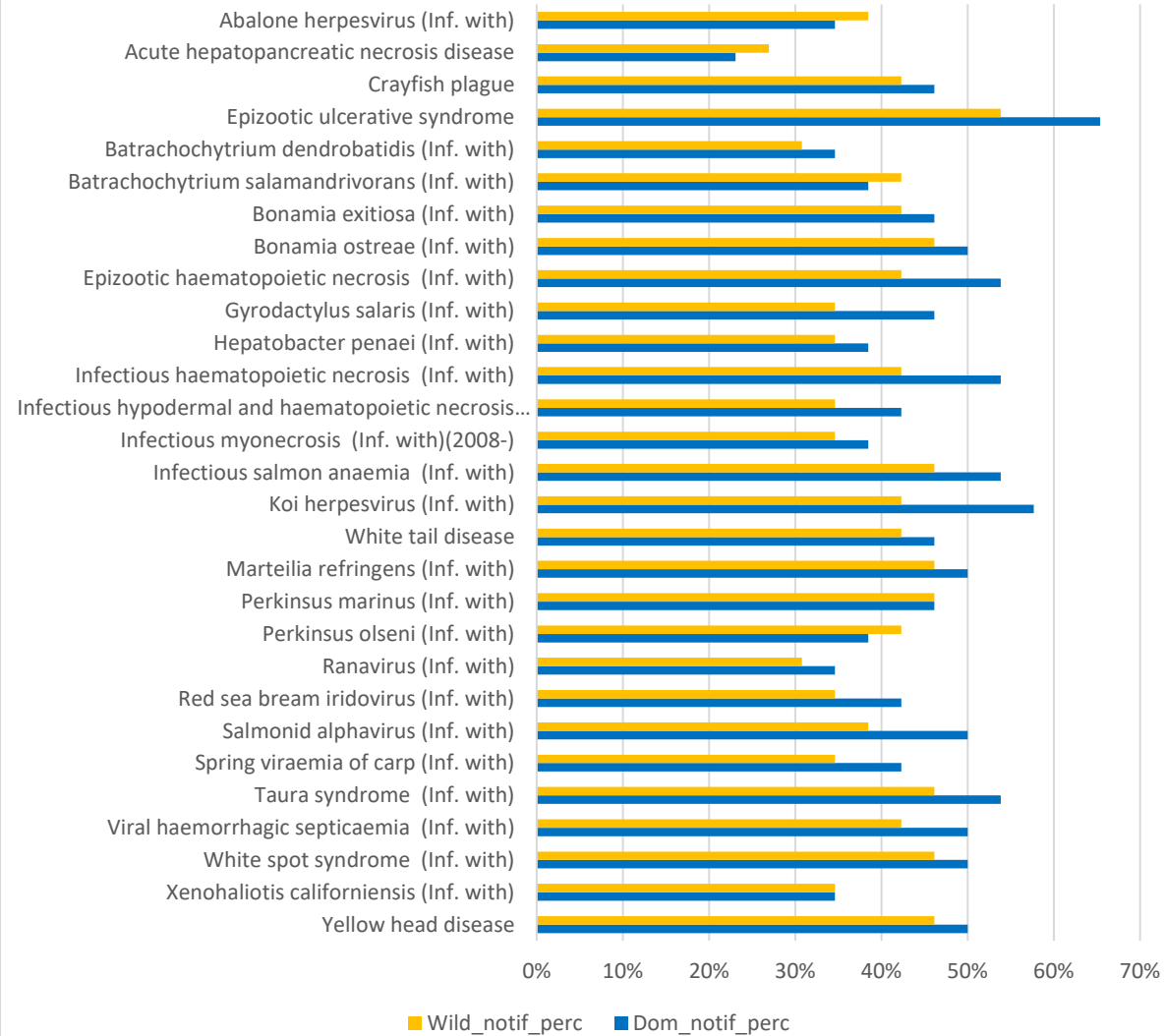
# Outbreaks of aquatic animal diseases reported through the early warning system between 1 January 2021 and 25 November 2022



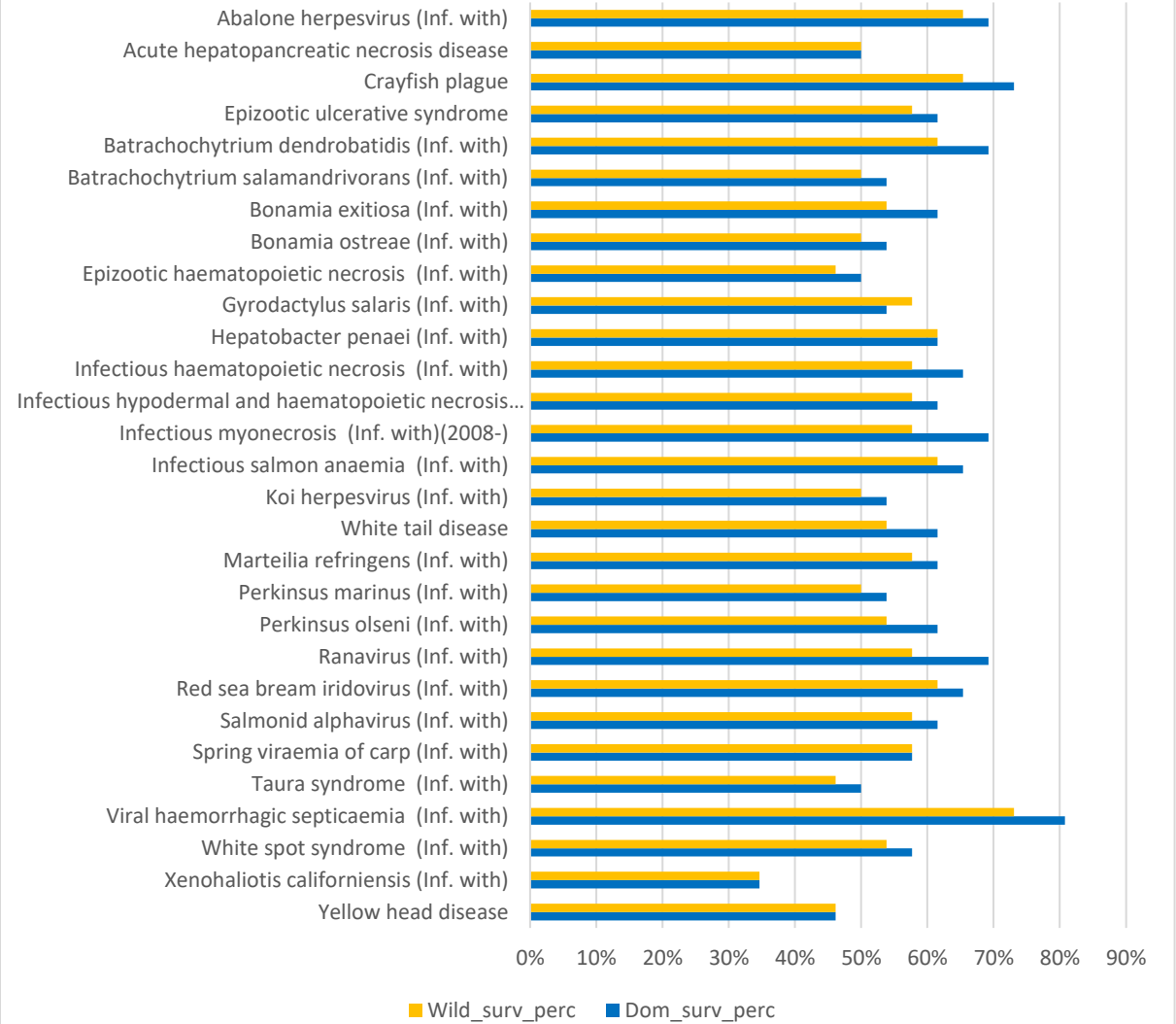
- Five (5) events
- **Epizootic ulcerative syndrome**
  - infection with *Aphanomyces invadans* (fungus)
  - also known as red spot disease
- **Koi herpesvirus**
  - also known as carp interstitial nephritis and gill necrosis virus

# Situation in countries that submitted aquatic six-monthly reports (2018)

## Disease notifiable



## Disease surveillance



# Key message

---

Help us to help you:  
timely reporting



### How does WOAAH support Members in notifying data?



Training activities

#### Support desk

- <https://wahis-support.woah.org>



#### Support materials

- F.A.Q. [Click here](#)
- Video tutorials [Click here](#)

#### One-on-one training support

- Deepen understanding of new functionalities
- Highlight best practices between Focal Points
- Share difficulties with the trainers

#### Additional support

- Assist in data extraction and analysis
- Production of disease distribution maps upon request
- Provide support at regional level with WAHIS RR/SRR champions



# Thank you

---

12, rue de Prony, 75017 Paris, France  
T. +33 (0)1 44 15 19 49  
F. +33 (0)1 42 67 09 87

woah@woah.int  
www.woah.org

[Facebook](#)  
[Twitter](#)  
[Instagram](#)  
[LinkedIn](#)  
[YouTube](#)  
[Flickr](#)



World  
Organisation  
for Animal  
Health  
Founded as OIE

Organisation  
mondiale  
de la santé  
animale  
Fondée en tant qu'OIE

Organización  
Mundial  
de Sanidad  
Animal  
Fundada como OIE

