Global Animal Health Situation



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World Organisation for Animal Health
Organisation mondiale de la santé animale
Organización Mundial de Sanidad Animal

Outline of the presentation

1. Who we are
2. The role of WOAH in animal disease surveillance
3. Overview of the global animal health situation
4. Impact of animal diseases
5. Take home messages

Who we are



The mission of WOAH



Providing leadership in global animal health governance **for improved animal health and welfare worldwide**

- Promoting coordination of animal health and welfare management
- Fostering transparency in the animal disease situation worldwide
- Supporting Veterinary Services to strengthen the governance of animal health systems

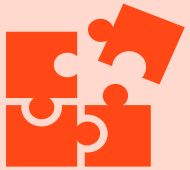
- Safe and fair trade
- Public health
- Food security and safety
- Sustainable socioeconomic development

Our core activities



STANDARD SETTING

Developing international standards, guidelines and recommendations based on the best available evidence



COORDINATION OF GLOBAL FRAMEWORKS

Developing and supporting Veterinary Services in the implementation of global strategies and initiatives



INFORMATION MANAGEMENT

Collecting, managing, analysing and giving access to health systems related data, including real time information on the state of animal health across thte globe



SUSTAINABLE CAPACITY BUILDING

Engaging Veterinary Services through the PVS Pathway in assessment, strategic planning and capacity development



FACILITATION OF INTERNATIONAL COLLABORATION

Communicating with and engaging WOAH stakeholders, including global experts, on animal health, welfare and veterinary public health issues

The role of WOAH in animal disease surveillance



Our role in animal disease surveillance

Since its creation in 1924, WOAH has been the **mandated international body collecting data on, observing, and analysing animal diseases** throughout the world.



CHAPTER 1.1.

NOTIFICATION OF DISEASES AND PROVISION OF EPIDEMIOLOGICAL INFORMATION

Article 1.1.2.

1. **Member Countries shall make available** to other Member Countries, through WOAH, **whatever information is necessary to minimise the spread of important animal diseases**, and their pathogenic agents, and to assist in achieving better worldwide control of these diseases.

Diseases and case definitions based on WOAH Standards

1

International spread of the pathogenic agent and at least one country has demonstrated freedom

+ emerging diseases

AND

2

Transmission to humans with severe consequences

OR

Significant impact on the health of domestic or wild animals

AND

3

Reliable means of detection, diagnosis and precise case definition

121 WOAH-listed diseases + 3 emerging diseases in 2023

Data collection system

Early Warning System

Immediate notifications
Follow up reports
Final reports

Alerts on WOAH-Listed diseases and emerging diseases

Monitoring System

Six-monthly reports

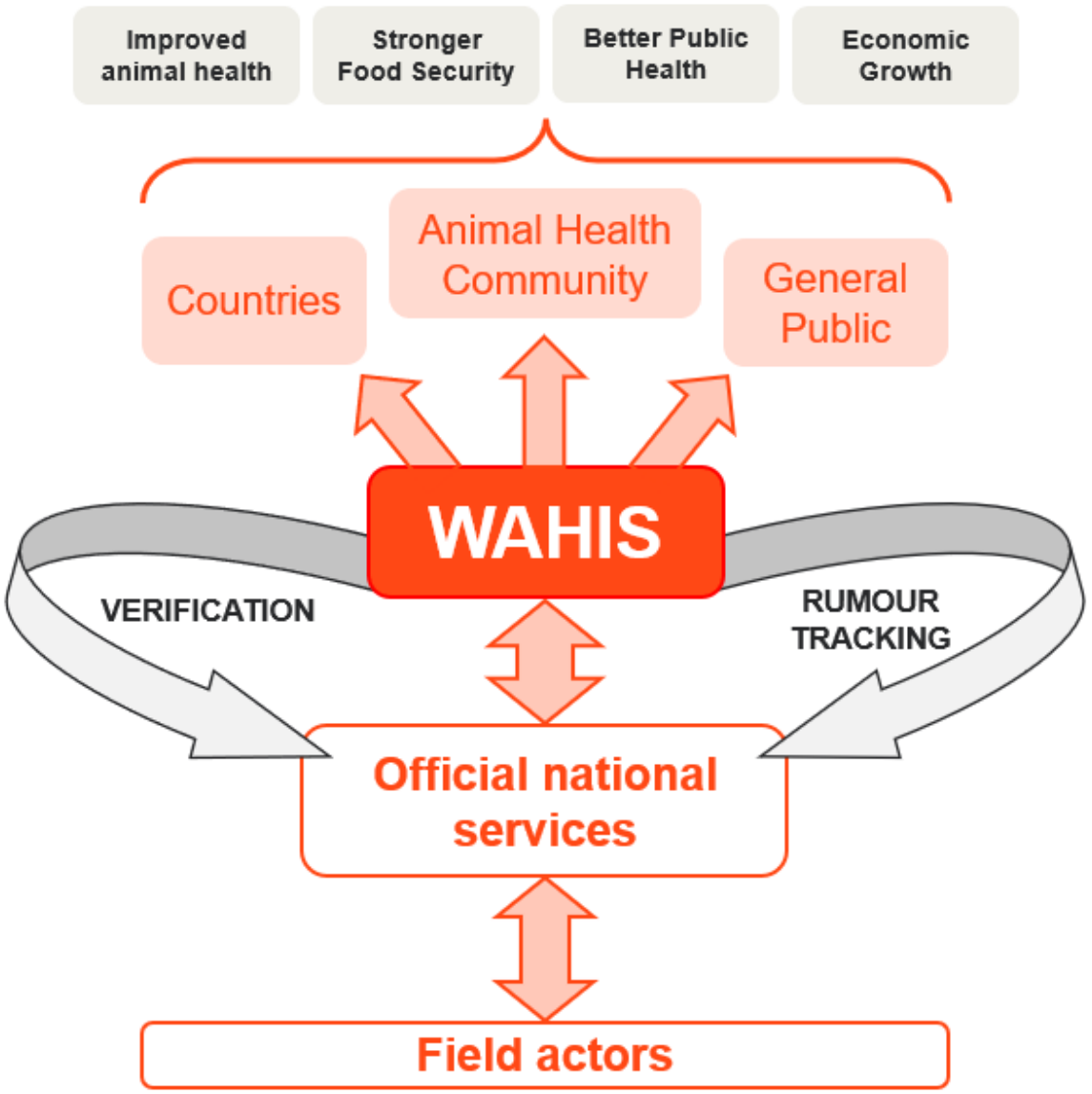
Periodical information on all WOAH-Listed diseases (twice a year)

Annual reports*

Additional information (e.g. laboratory capacity, animal populations)

*Coming in 2024

Information flow and use

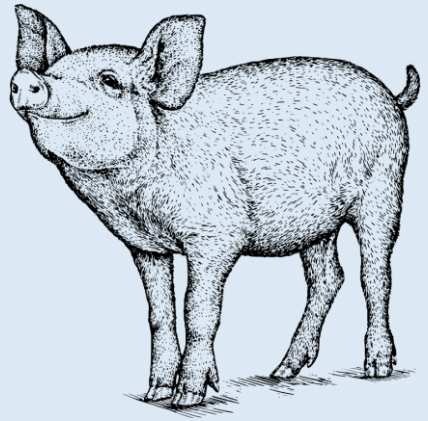


INFORMATION IN WAHIS IS KEY TO…

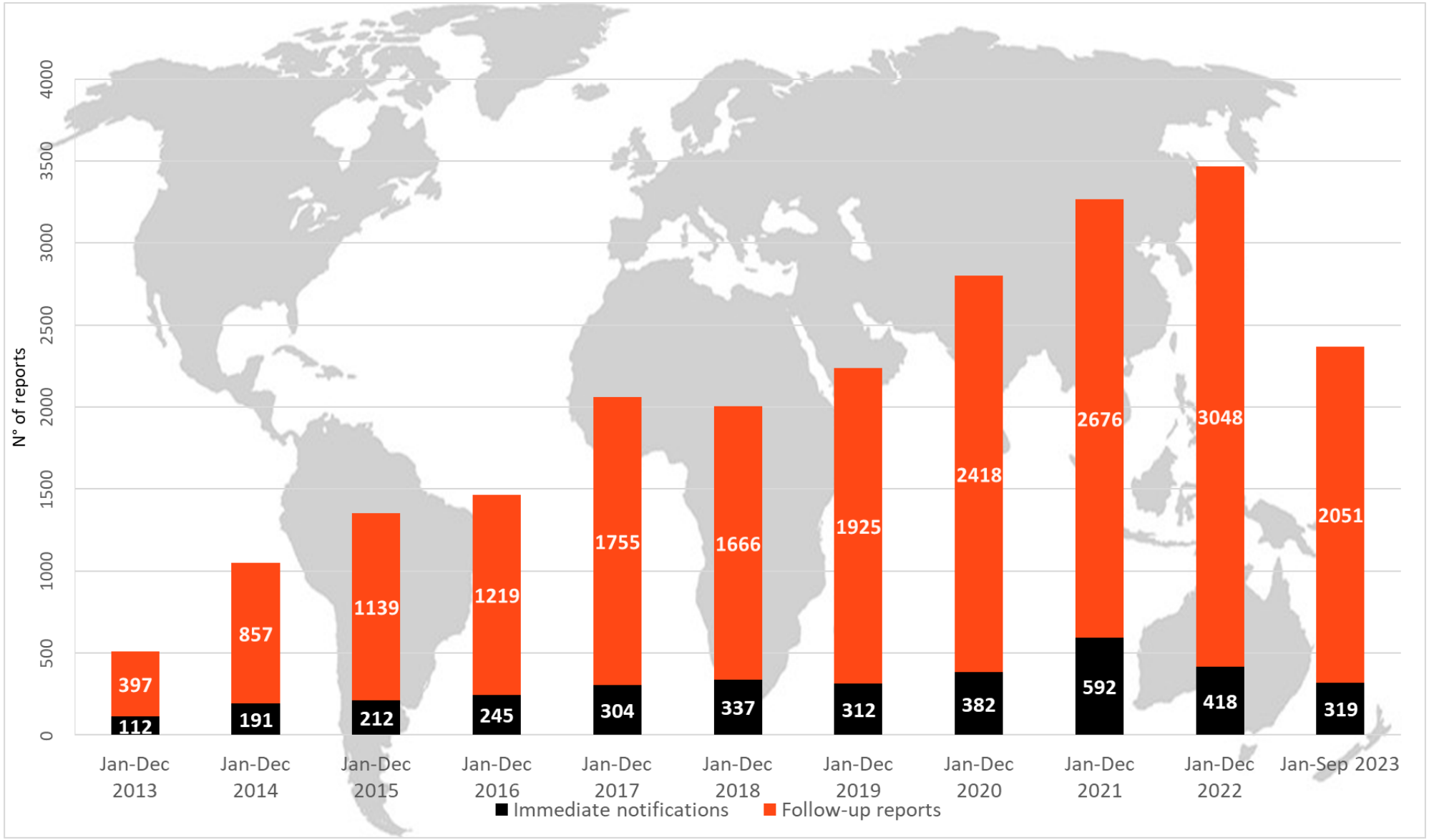
- Facilitate decision making
- Enable risk management
- Improve disease awareness
- Safeguard international trade
- Provide legal backing to Members

Overview of the global animal health situation:

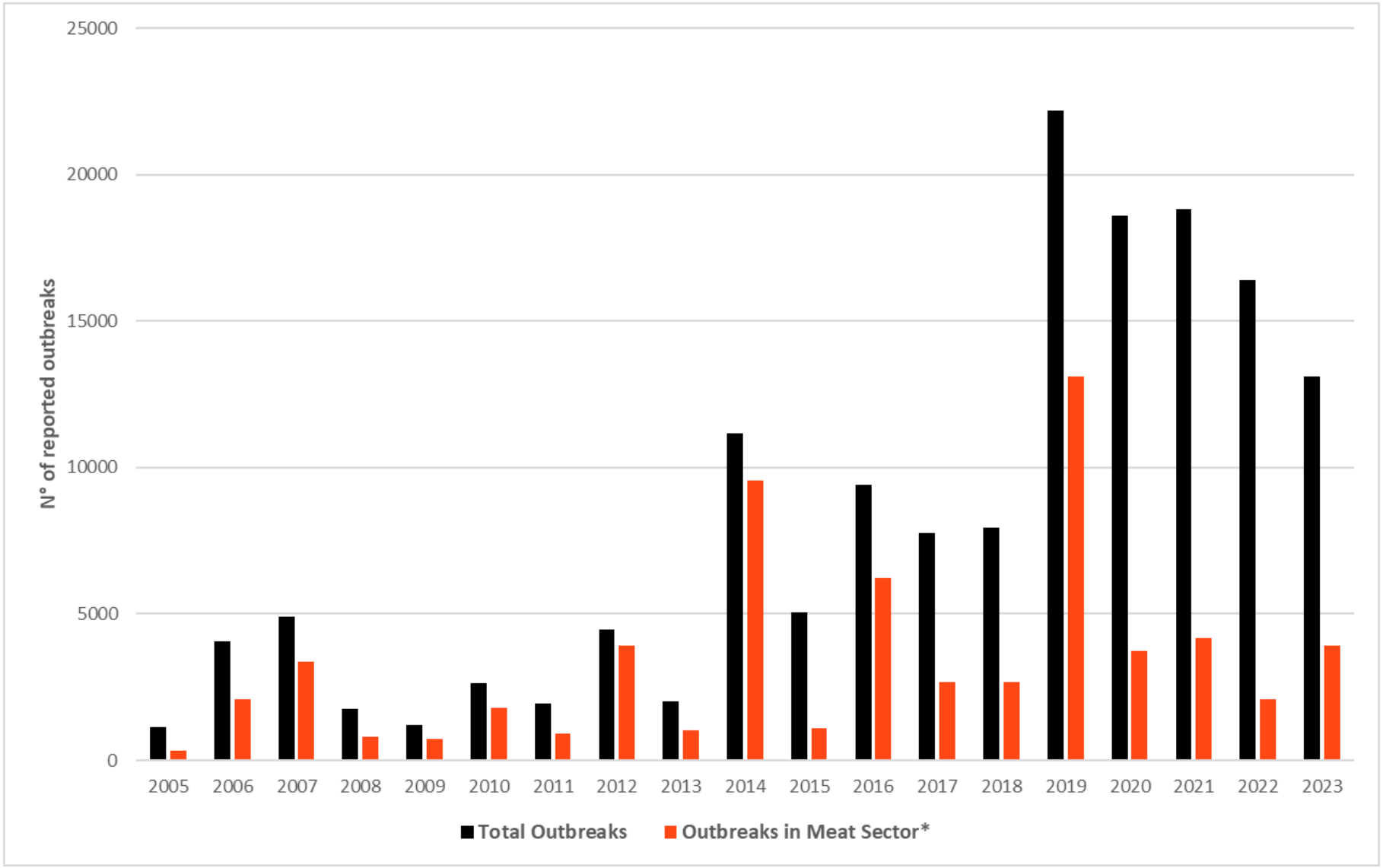
Focus on the meat sector



Historical trend of immediate notifications and follow-up reports submitted to WOAH since 2005

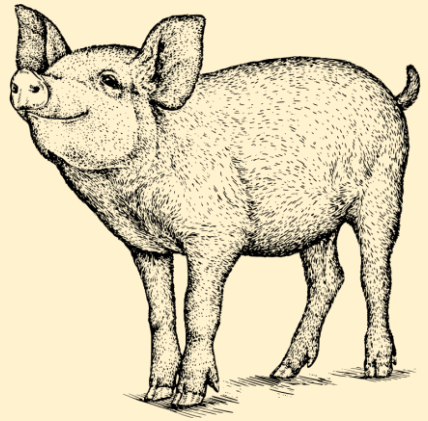


Historical trend of animal disease outbreaks reported to WOAH since 2005 (until 29/09/23)



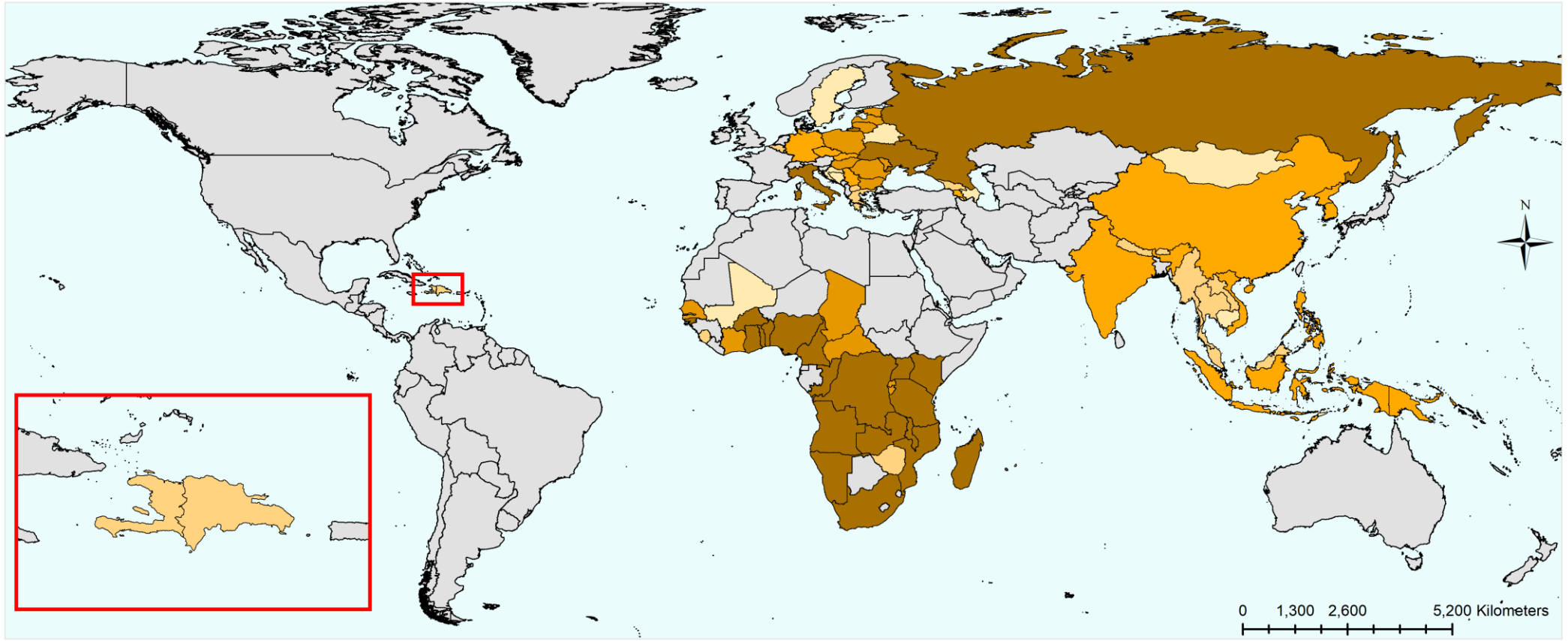
*Meat Sector includes cattle, swine, sheep, and goats

The case of African swine fever

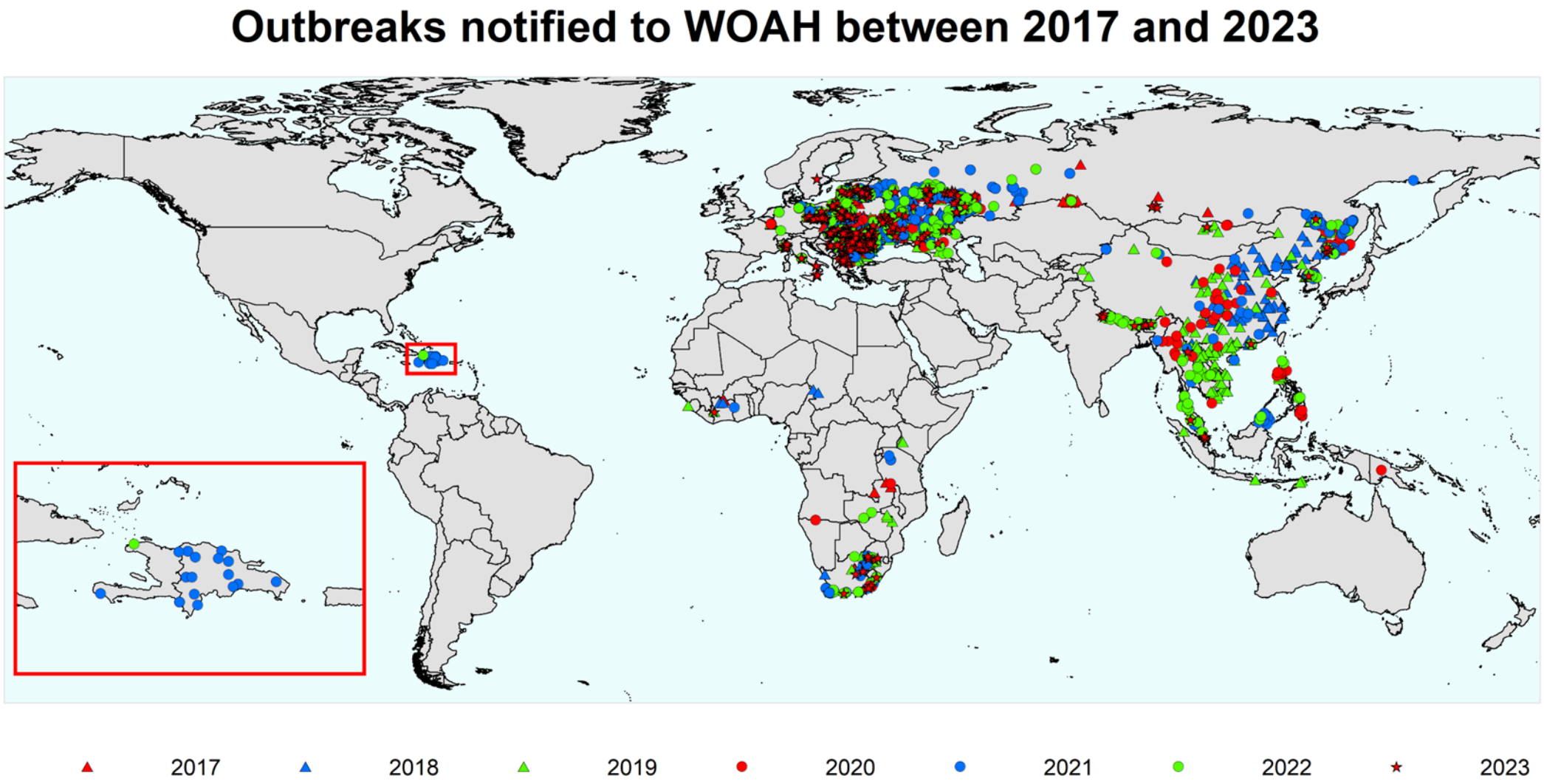


Global picture of the persistence of ASF in the world from 2005 to 2023 (up to 22/09/2023)

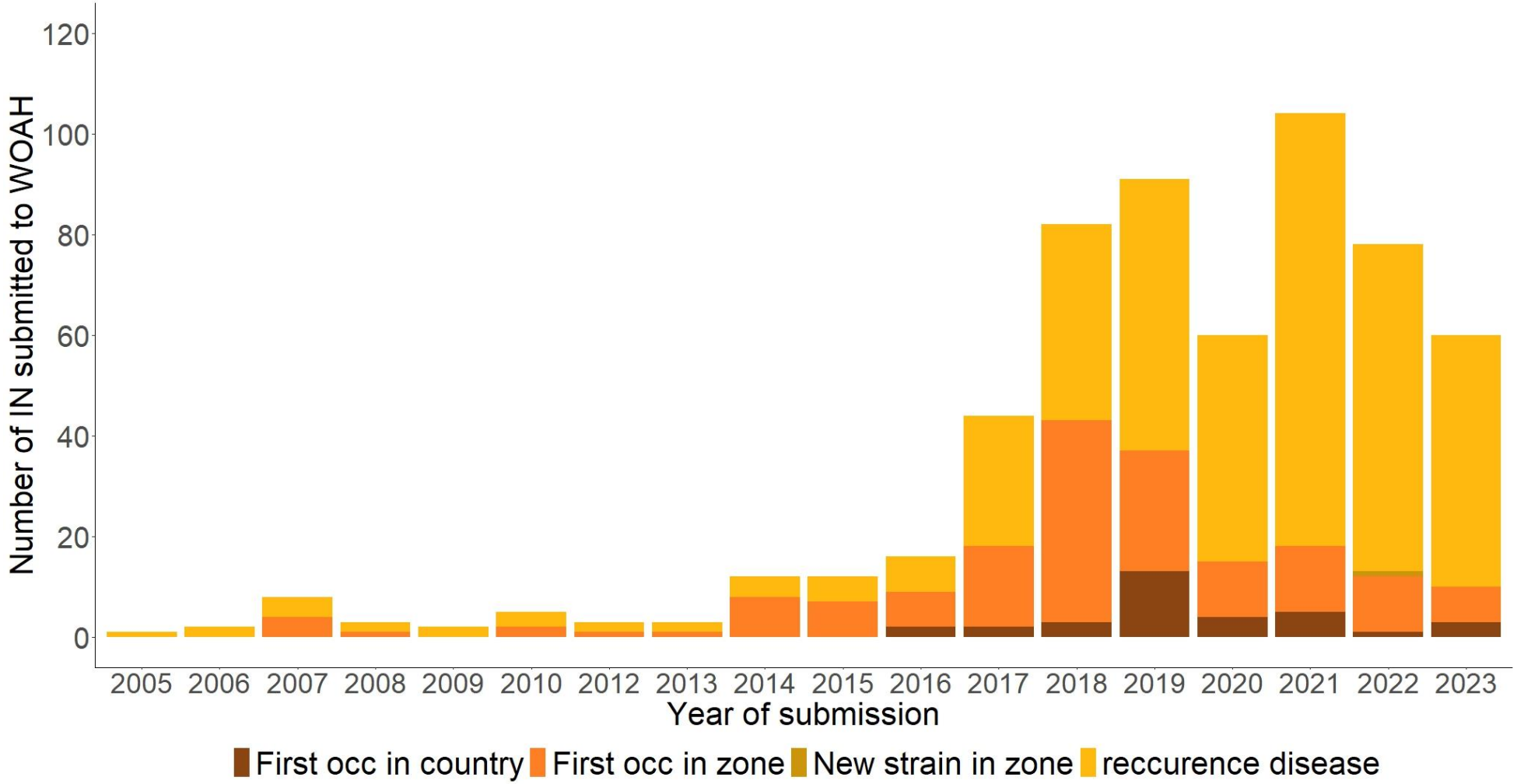
Number of years of reported ASF presence between 2005 and 2023



Global picture of ASF outbreaks notified to WOAH from 2017 to 2023 (up to 22/09/2023)

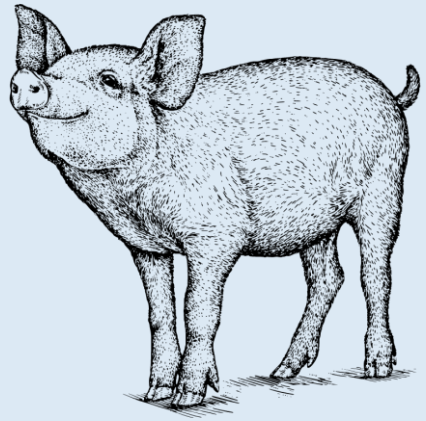


Number of Immediate Notifications submitted for ASF to WOAH from 2005 and 2023 (up to 22/09/2023)



Significant increase in the notification of new occurrences worldwide since 2017

Impact of animal diseases



Impact of animal diseases

Food Supply

21%

of **global caloric supply** comes from terrestrial animal source food (1)

Livelihoods

1.3

billion people are employed in the livestock product value chain (2)

Economic Sector

40%

of **agricultural production value** comes from livestock production (3)

Human Health

60%

of **human infectious diseases** originate in animals (4)

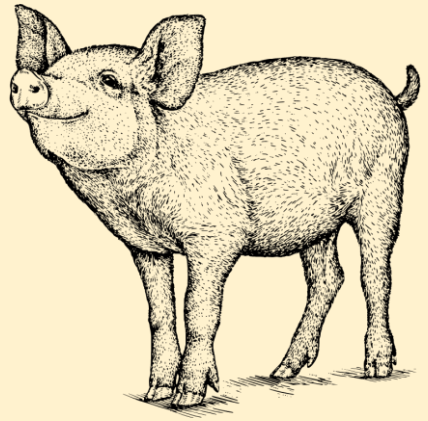
Animal Welfare

Only in 2023

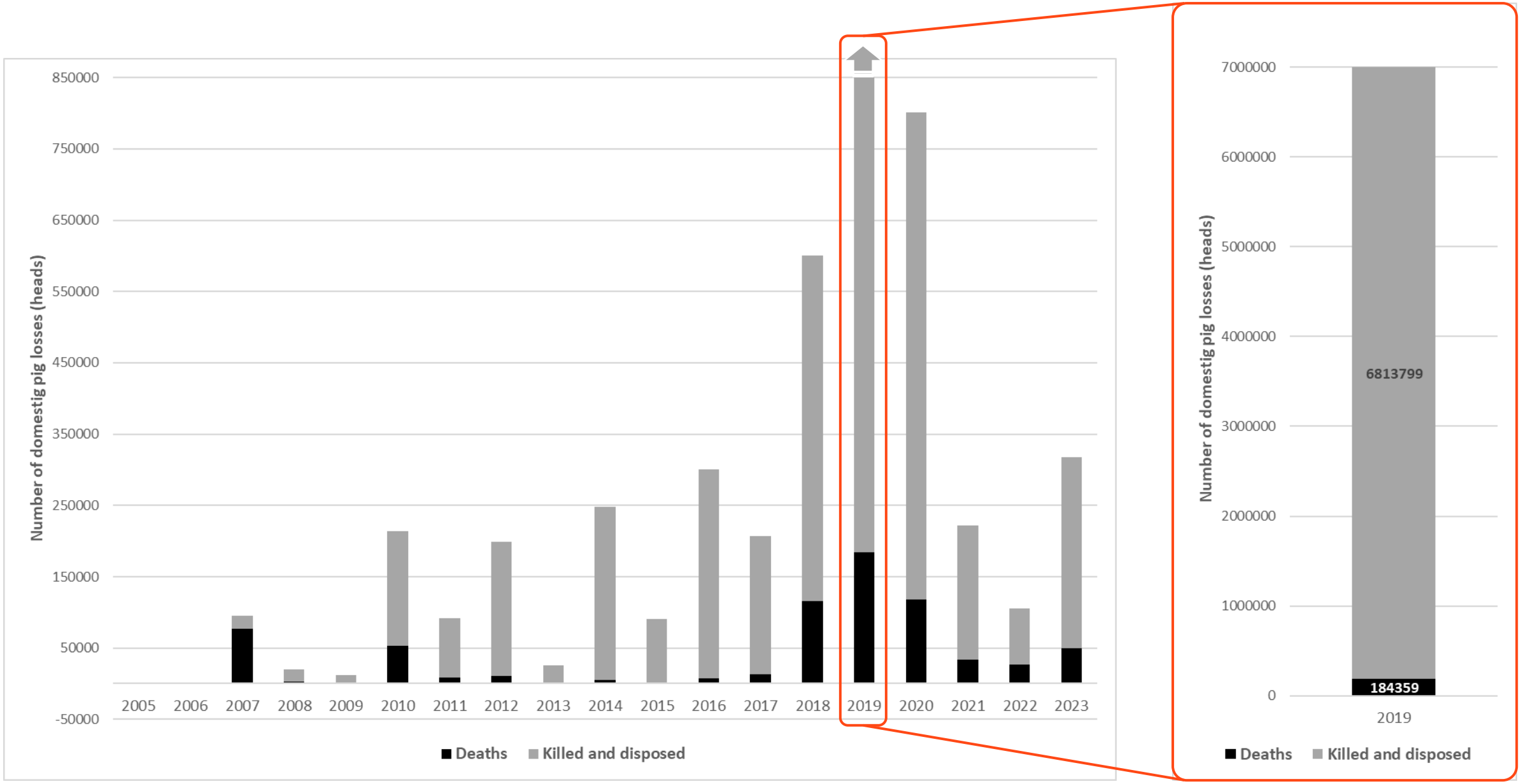
28M+

animals have been culled to control animal disease outbreaks (5)

The case of African swine fever



Reported domestic pig losses from 2005 to 2023 (up to 22 September 2023)



African swine fever control

Main challenges and opportunities for the control of ASF

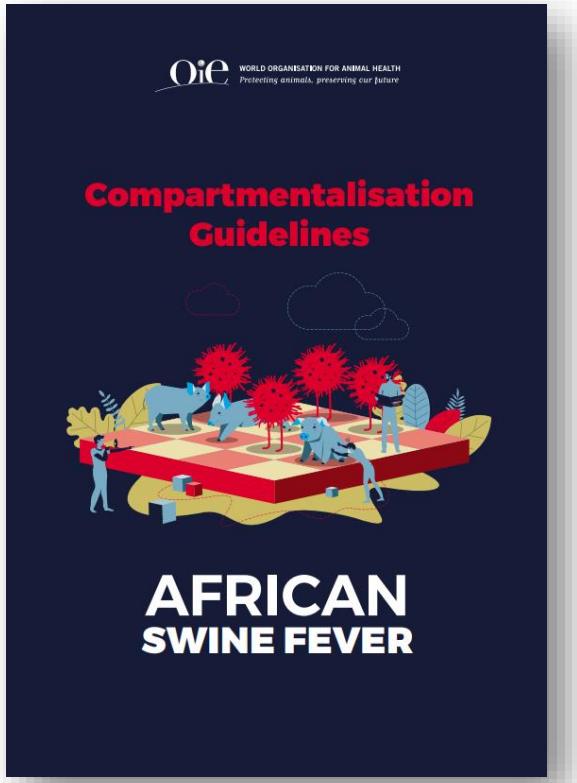
Challenges	Opportunities
Continued expansion to new areas	Compartmentalisation guidelines
Competing priorities	Leveraging on PPP along swine sector
Limited-resource settings (e.g. low biosecurity, compensation unfeasible)	Alternative approaches (e.g. partial culling, breeding resistant pigs)
Emergence of low virulent strains	Disease surveillance and reporting
Illicit vaccines	Vaccination standards
Transmission pathways	Awareness raising and communication

Important to remember

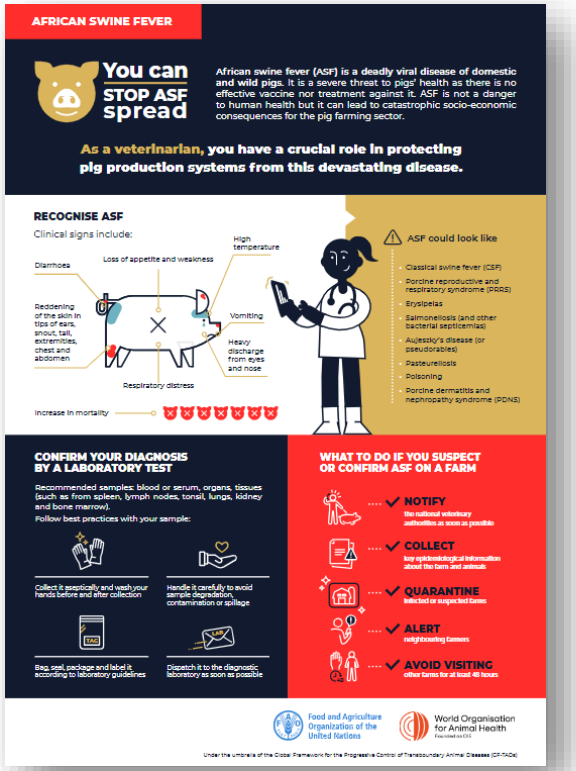
- Ensure high levels of awareness of all those in the value chain (producers, abattoirs) for African swine fever clinical signs, reporting procedures, surveillance, prevention, and control measures

- Notify suspected cases to veterinarian/ authorities

→ Focus on early detection and strict biosecurity



WOAH ASF compartmentalisation guidelines



WOAH-FAO "ASF kills pigs" awareness campaign

Global initiative for the control of ASF

GF-TADs
GLOBAL FRAMEWORK FOR THE PROGRESSIVE CONTROL OF TRANSBOUNDARY ANIMAL DISEASES

Food and Agriculture Organization of the United Nations

World Organisation for Animal Health
Founded as OIE

- 6-year (2020-2025) strategic plan monitored by FAO-WOAH Working Group under GF-TADs framework
  - Improve capability of countries to control ASF
  - Establish coordination and cooperation framework amongst partners for the global control of ASF
  - Facilitate business continuity
- Four regional Standing Group of Experts on ASF: technical forum to address ASF in a collaborative and harmonized manner across the region



Take home messages

Conclusions

- World **reference database** for official information on animal diseases of epidemiological significance
- WAHIS contains data from official veterinary services, based on WOAH Standards, **verified and validated** before publication
- Data used for **international trade** (WTO), scientific research, disease control programs, press and media

How we can support you

Support Desk

www.wahis-support.woah.org

Support materials
FAQs and video tutorials

Data requests
Data extraction and analysis

Thank you

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