

Situation report period covered – 02 December 2022 – 05 January 2023

This report provides an update of the African swine fever (ASF) situation, according to the information submitted through the World Animal Health Information System of the World Organisation for Animal Health (WAHIS) between 02 December 2022 and 05 January 2023.

The information included in this report was reported by countries through Immediate notifications (IN), follow-up reports (FUR) and six-monthly reports (SMR). More details on the data collection for listed diseases are available on our [website](#).

This report will cover: (1) the recent updates that occurred during the period of 02 December 2022 – 05 January 2023 (based on INs and FURs), (2) new events which started before the 5 weeks period

Recent updates (02/12/2022 – 05/01/2023)

To describe the current disease situation of ASF, this section covers: (a) a list of new events which started during the period (reported through INs); (b) information on events that started before the period but were still ongoing during the period (reported through FURs); (c) new events which started before the period but were reported through INs during the period and (d) the geographic distribution of new outbreaks that started during the period. This information is based on INs and FURs received by the World Organisation for Animal Health (WOAH, founded as OIE). The outbreaks are displayed on a map in Figure 1.

New events by world region (reported through INs)

(see Figure 1)

Africa, Americas, Asia, Oceania

No new events reported

Europe

Recurrence in the country in Ukraine (event started on December 4)

Recurrence in the country in Russia (event started on December 2)

Recurrence in the country in Moldova (two events started on December 23 and December 30)

First occurrence in a zone in Poland in Śląskie administrative division (event started on December 21)

Recurrence in the country in Latvia (event started on January 2)

On-going events for which there were new outbreaks, by world region (reported through FURs)

(see Figure 1):

Africa, Americas, Oceania

No ongoing events updated

Asia

Three countries updated their ongoing events: Bhutan, Nepal, and Thailand.

Europe

Eight countries updated their ongoing events: Czech republic, Hungary, Italy, Latvia, Poland, Romania, Russia, and Ukraine.

The number of outbreaks, cases and losses during the reporting period are displayed in table 1.

Table 1: Summary of the number of outbreaks, cases and animal losses caused by ASF in the different world regions during the reporting period.

	Outbreaks		Cases		Losses*
	Domestic pigs	Wild boar	Domestic pigs	Wild boar	Domestic pigs
Africa					
Americas					
Asia	4		62		116
Europe	18	437	652	536	777
Oceania					
Total	22	437	714	536	893

*Losses (deaths + animals killed and disposed of): this figure refers to losses in the establishments affected by the outbreaks and it does not include the animals culled in areas around the outbreak for controlling the disease.

Recent updates outside reporting period

Events, reported through INs, which started before the reporting period, but reported after the reporting period of the previous situation report are listed here to capture any new events whose outbreaks would not be captured otherwise.

New events by world region (reported through INs) which started before the reporting period

Africa, Americas, Asia, Europe, Oceania

No new events reported

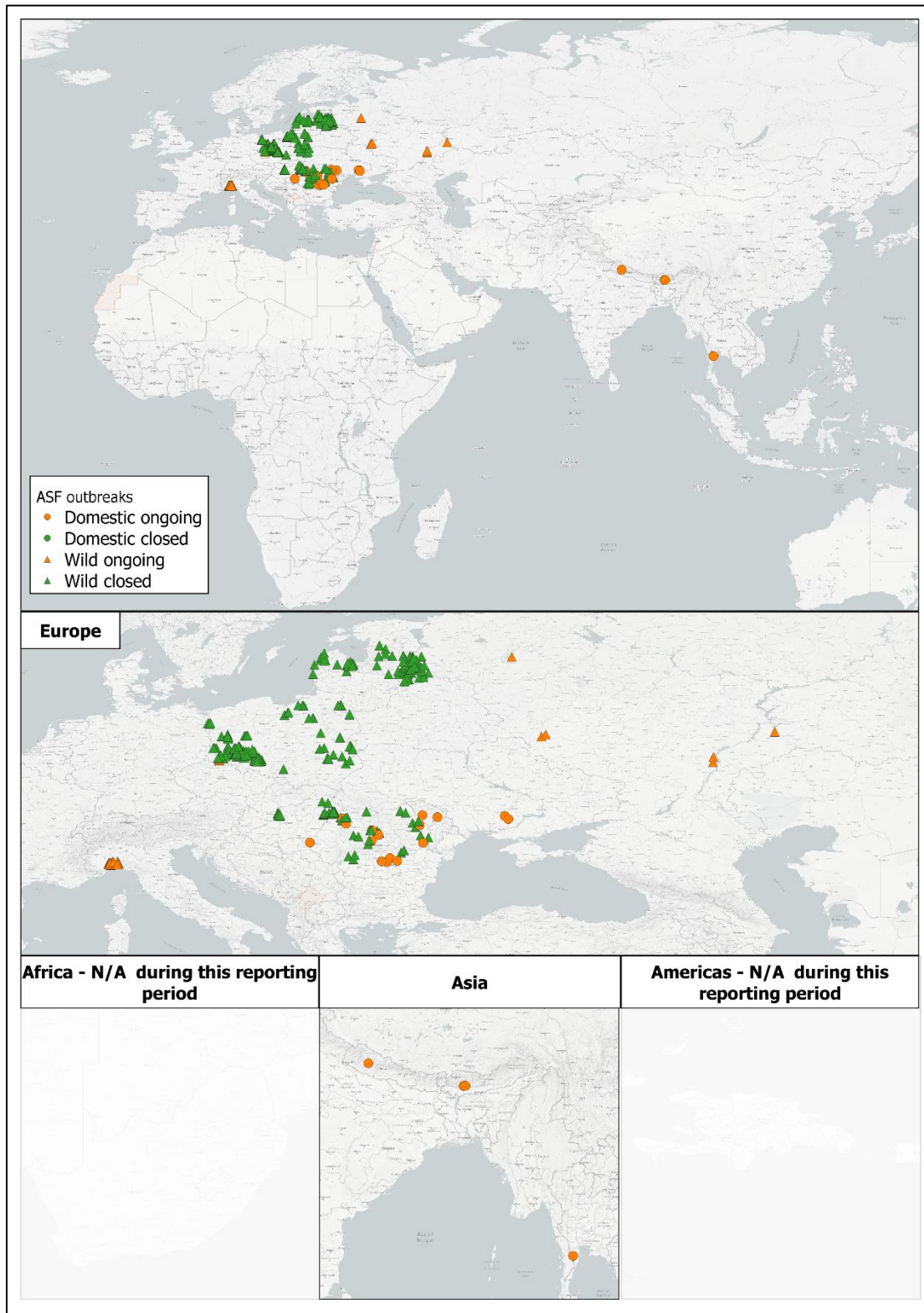


Figure 1: Map of ASF outbreaks which started during 02 Dec 2022 – 05 Jan 2023 in domestic animals and wildlife. Zoomed views of areas where updates occurred in the last period are provided as well.

Summary of the ASF situation by world region (2021-2023)

Globally since 2021, and as of 05 January 2023, ASF has been reported in 40 countries (Figure 2).

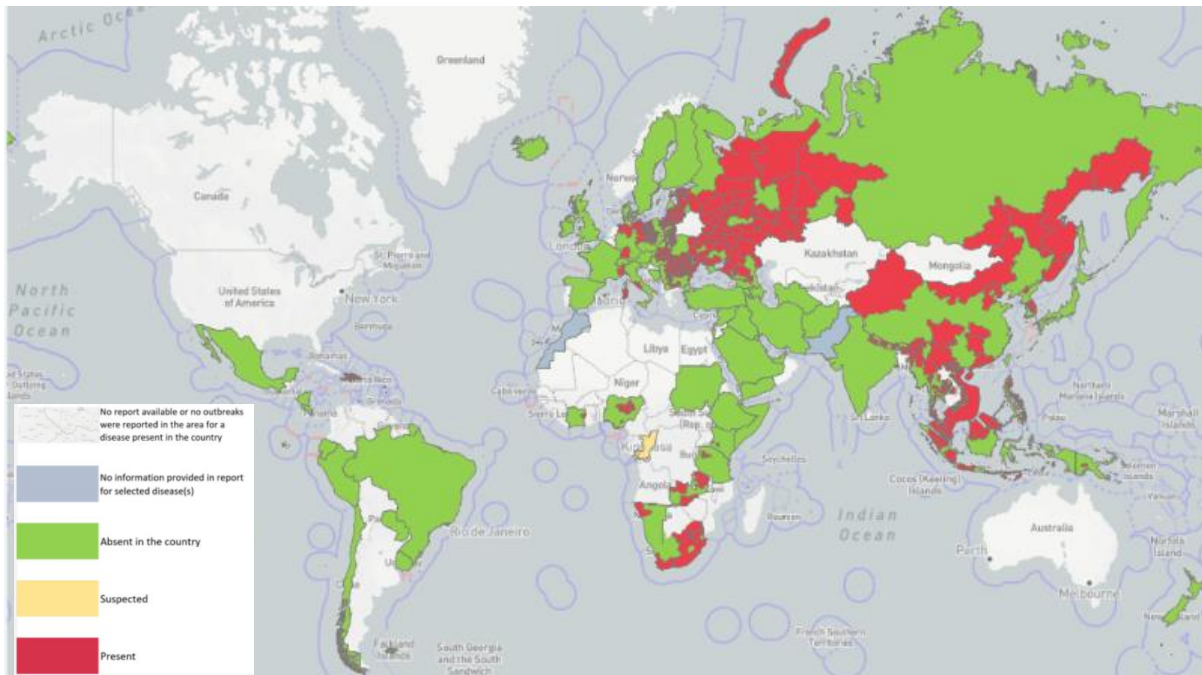


Figure 2. Map of the world displaying the presence of ASF by Administrative divisions (2021 – 05/01/2023)

In total, since January 2021 ASF has been reported as present in five different world regions in 40 countries, affecting more than 820,000 pigs and more than 22,000 wild boars (data reported through INs and FURs), with more than 970,000 animal losses. Further details, split by world region, are included in Table 2.

Table 2: Summary of the number of outbreaks, cases and animal losses caused by ASF in the different world regions since January 2021 (data reported through INs and FURs – these figures cover only epizootic situations while additional information reported through SMR for enzootic situations are not included here because of submission delays).

	Outbreaks		Cases		Losses*
	Domestic pigs	Wild boar	Domestic pigs	Wild boar	Domestic pigs
Africa	170	0	16,659	0	15,039
Americas	278	0	9,977	0	18,973
Asia	465	1,263	27,972	1,908	125,981
Europe	2,420	12,033	770,030	20,182	840,203
Oceania	0	0	0	0	0
Total	3,333	13,296	824,638	22,090	978,060

*Losses (deaths + animals killed and disposed of): this figure refers to losses in the establishments affected by the outbreaks and it does not include the animals culled in areas around the outbreak for controlling the disease.

Key messages and Recommendations

- Since January 2021, 6 countries have reported ASF as a first occurrence in the country, while 9 countries reported its spread to new zones. This highlights a continuous spread of the disease into new countries, and new zones in countries already affected.
- This spread confirms the global threat of the disease and highlights the importance of implementing biosecurity measures, an early reporting and response system, and maintaining a high level of disease awareness among all actors involved in the value chain.
- WOAHA encourages Veterinary Services to remain vigilant and implement science-based international standards and guidelines in their national disease prevention and control programmes and urges Members to only use vaccines if they have proven effectiveness and safety.
- Surveillance programmes, as part of an early detection system, should be adapted to the local epidemiological context and cover domestic, and wild and feral suid populations (if they are involved) since short-distance transmission of ASF seems to depend largely on the wild boar population density and their interaction with low-biosecurity pig production systems. Long distance transmission may be associated with human activities.

- WOAHA urges its Members to continue to promptly notify the occurrence of ASF and to share the relevant epidemiological information that can facilitate transparency and assist the global control of the disease.

More information and resources

- [ASF webpage](#)
- [Awareness communication tools](#)
- Terrestrial [Code](#)
- Terrestrial [Manual](#)
- ASF Reference Laboratory [summary](#) of available PoC kits to guide field workers, practitioners and decision-makers in their use

For any press inquiry on ASF, you can email us at media@woah.org