

# HIGH PATHOGENICITY AVIAN INFLUENZA (HPAI)

## Situation Report 78

Period covered:

December 2025

This report provides an update of the high pathogenicity avian influenza (HPAI) situation, according to the information submitted to the World Organisation for Animal Health.

### Key messages and Recommendations

The new HPAI season, which started in October 2025, continued in December with 169 outbreaks being reported in poultry and 608 outbreaks in non-poultry birds and in mammals in Europe, the Americas, Africa and Asia for the reporting month. About 6,428,293 poultry birds died or were culled during the month, mostly in Asia and Europe.

In the new epidemic wave that started in October, a high number of detections of HPAI has been noticed, particularly among wild birds in Europe at this time of year, compared to the last few years..

Four outbreaks were reported in mammals during this month in Germany and Estonia. The World Organisation for Animal Health (WOAH) continues to pay close attention to the situation of HPAI in all species across the world.

Given the spread of HPAI across the globe, continued surveillance in wild and domestic species is warranted. As this pathogen is impacting wildlife, livestock, and public health, a One Health approach to management would be beneficial. WOAH recommends that Members maintain their surveillance efforts, implement biosecurity and preventive measures at farm level, and continue timely reporting of avian influenza outbreaks in both poultry and non-poultry species.

Considering the situation in mammals, WOAH also recommends:

- including avian influenza as a differential diagnosis in mammals with high risk of exposure to the viruses;

- reporting to WOAHA outbreaks of avian influenza in all animal species including unusual hosts;
- sharing genetic sequences of avian influenza viruses and associated metadata in publicly available databases;
- protecting humans in close contact with sick livestock and their products, while avoiding implementing unjustified trade restrictions.

High quality of information is key to support prevention and rapid response to HPAI.

## Objective of the report & limitations

Based on Chapter 1.3 of the [Terrestrial Animal Health Code \(2025\)](#), three categories of avian influenza are listed by WOAHA: 1) infection with high pathogenicity avian influenza viruses (HPAI) (in poultry, as defined in the disease-specific chapter), 2) infection of birds other than poultry, including wild birds, with HPAI, and 3) infection of domestic and captive wild birds with low pathogenicity avian influenza (LPAI) viruses having proven natural transmission to humans, associated with severe consequences. WOAHA would request Members to report [HPAI in bovines](#) as an emerging disease in accordance with Article 1.1.4 starting from 1 April 2025. Infection with HPAI in other mammals should appropriately be reported to WOAHA in accordance with Article 1.1.5.

This report provides an update of the situation as of 31 December 2025 according to the information submitted to WOAHA through the World Animal Health Information System (WAHIS) and aims to contribute to awareness of the global situation. Although all the information used in this report is already publicly accessible via the WOAHA website, the report aims to intelligently combine these various sources of information to present WOAHA Members with the most accurate information possible, while recognising the limitations of the data available on a global scale.

This month's report covers the HPAI situation only, as WOAHA has not been informed of any exceptional event of infection of domestic and captive wild birds with LPAI viruses having proven natural transmission to humans, associated with severe consequences.

## Contextual information

Since its identification in China (People's Rep. of) in 1996, there have been multiple waves of intercontinental transmission of the H5Nx Gs/GD lineage virus. HPAI has led to the death and mass slaughter of over 633 million poultry worldwide between 2005 and 2024, with an unprecedented peak of 146 million in 2022. During the peak in 2022, 84 countries and territories in the world were affected with HPAI, a number comparable to the 82 affected in 2024. In addition, up to now, humans have been occasionally infected with several subtypes of avian influenza (mainly H5N1, H7N9, H5N6, H9N2 with more than 2500 cases since 2003)<sup>12</sup>.

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<sup>1</sup> <https://www.who.int/teams/global-influenza-programme/avian-influenza/monthly-risk-assessment-summary>

<sup>2</sup> [Cumulative number of confirmed human cases for avian influenza A\(H5N1\) reported to WHO, 2003-2023, 21 December 2023](#)

As described in the [Animal Health Situation Worldwide](#) and [The State of the World's Animal Health](#) reports presented by WOAHA during its 92nd General Session of the World Assembly of Delegates in May 2025, HPAI has been a global concern, particularly since October 2020, due to an unprecedented situation marked by:

- its global spread and the increase in the number of countries and territories affected worldwide, including an unprecedented spread to Antarctica in 2024;
- the increase in the number of outbreaks and losses in poultry, with a peak during the seasonal wave October 2021-September 2022;
- the increased impact on wildlife and biodiversity;
- the increase in the number of cases detected in domestic and wild mammals.

## Seasonality of HPAI outbreaks in poultry

Figure 1 focuses on poultry outbreaks and shows the seasonality of HPAI separately for the northern and southern hemispheres. It covers the seasonal wave which has started in October 2025 (October 2025 to September 2026), as well as the two previous waves for comparison.

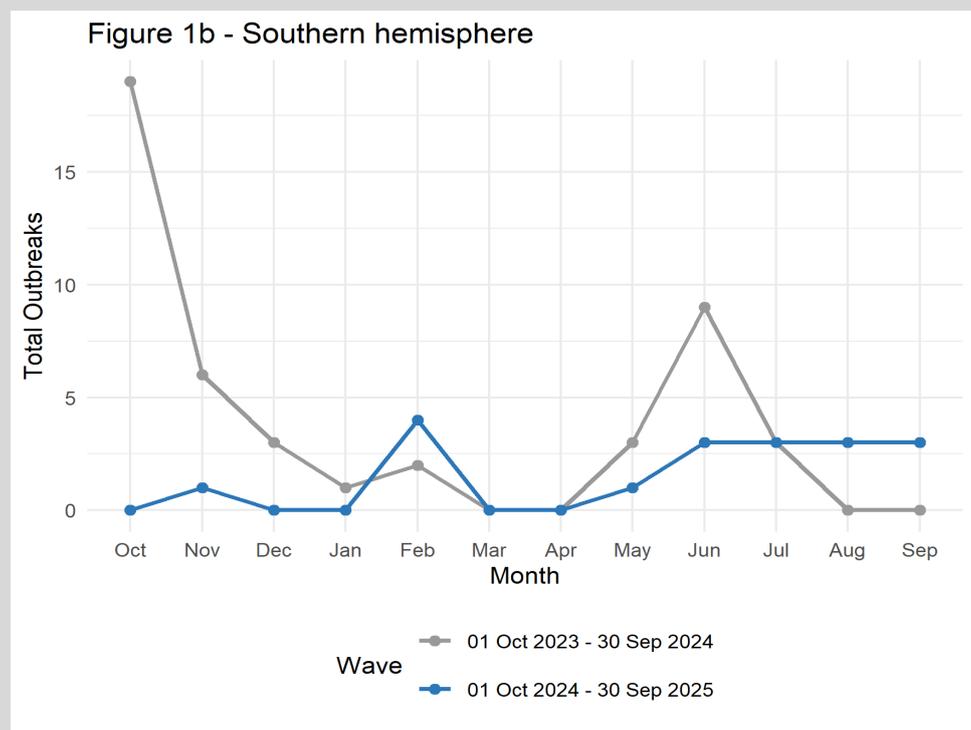
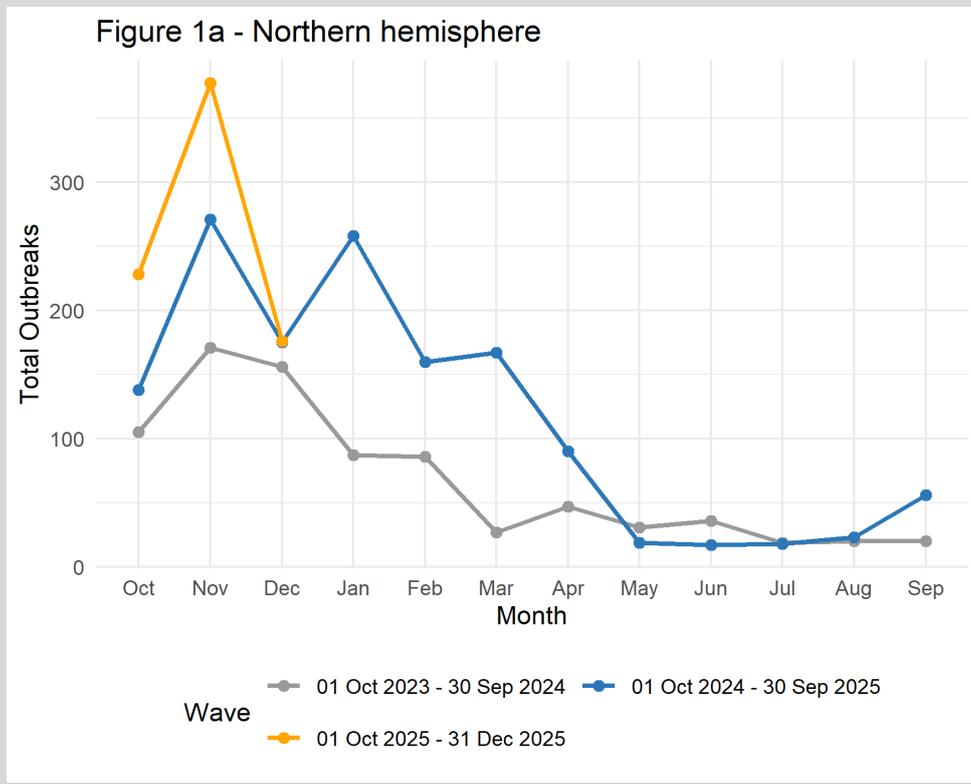
## HPAI key figures for the current seasonal wave and the two previous waves

Table 1. HPAI key figures for the current seasonal wave and the two previous waves

	01 Oct 2023 - 30 Sep 2024	01 Oct 2024 - 30 Sep 2025	01 Oct 2025 - 31 Dec 2025
Countries and territories reporting HPAI in poultry	39	50	30
No. of HPAI outbreaks in poultry	851	1,410	781
Countries and territories reporting HPAI in wild birds	55	55	37
No. of HPAI outbreaks in wild birds	1,076	1,912	3,855

\* Please note that regarding the 'Countries and territories reporting HPAI in poultry' in the current seasonal wave, two countries reported stable situations through six monthly reports and are not covered in the "recent updates" section below.

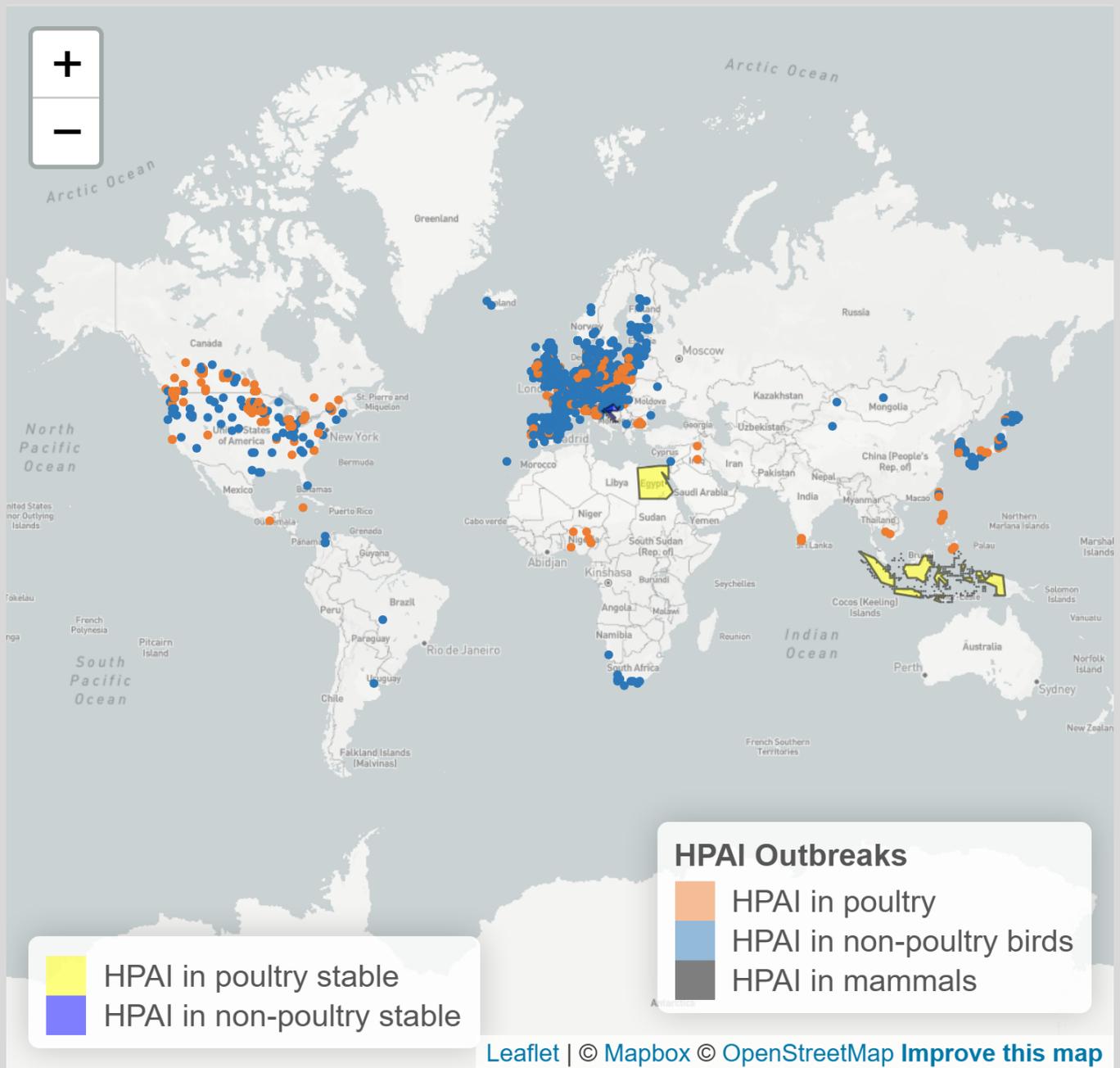
Regarding the 'Countries and territories reporting HPAI in wild birds' in the current seasonal wave, one out of 37) countries/territories reported stable situation through six monthly reports and are not covered in the "recent updates" section below.



**Figure 1.** HPAI outbreaks of December 2025 in poultry reported to WOAHP by the seasonal wave, compared to the two previous ones. The current seasonal wave started in October 2025 (October 2025 to September 2026). Data is presented by month and by hemisphere.

\* For the southern hemisphere (Figure 1b), it is important to highlight that the seasonality analysis does not take into account Indonesia, which has declared a sufficiently stable situation to WOAHP to provide data aggregated by semester (and not by month). This is an important limitation, as the country reported an average of 17 outbreaks per six-month period between the second half of 2022 and the second half of 2023, which is significant on a hemispheric scale.

## HPAI map for the current seasonal wave (Oct 2025-Sep 2026, as of December 2025)



**Figure 2.** HPAI map for the current seasonal wave (October 2025–September 2026, as of December 2025). Please note that highlighted countries/territories in the map declared HPAI in poultry/non-poultry sufficiently stable for information to be reported on six-monthly basis without geocoordinates. The country in the purple category is Croatia (hidden by the outbreak dots that cover it).

# Recent Updates (December 2025)

To describe the current disease situation of HPAI in poultry and in non-poultry birds, this section covers: (a) a list of new events<sup>3</sup> which started in December 2025 (reported through immediate notifications); (b) information on events that started before December 2025 but were still ongoing during that period; (c) the geographic distribution of new outbreaks<sup>4</sup> that started in December 2025, together with figures on numbers of outbreaks, cases, losses and animals vaccinated in response to outbreaks. The different subtypes of HPAI circulating during December 2025 are also listed below. This information is based on the immediate notifications and follow-up reports received by WOAAH through the World Animal Health Information System (WAHIS).

## HPAI in poultry

### New events by world region (reported through immediate notifications)

Region	Sub/genotype	Clade	Country/territory	Subnational area	Event Start Date
Asia	H5N1		India	Kerala	9 December 2025
Europe	H5N1		Poland	Lubelskie	31 December 2025
Europe	H5N1		Poland	Pomorskie	17 December 2025
Europe	H5N1		Poland	Łódzkie	17 December 2025
Europe	H5N1		Sweden	Höör	15 December 2025
Europe	H5N1		United Kingdom	Scotland	10 December 2025
Europe	H5N1		United Kingdom	Scotland	14 December 2025

### On-going events for which there were new reported outbreaks, by world region (reported through follow-up reports):

Region	Sub/genotype	Clade	Country/territory
Africa	H5N1		Nigeria
Americas	H5N1	Clade 2.3.4.4b; Lineage: Fully Eurasian	Canada
Americas	H5N1	Clade: 2.3.4.4b - Lineage: Reassortment Eurasian and North American	Canada
Americas	H5N1		United States of America
Asia	H5N1		Philippines , Japan
Asia	H5N1	Clade 2.3.4.4b; Lineage: Fully Eurasian	Chinese Taipei
Asia	H5N1		Korea (Rep. of)
Europe	H5N1		Italy , Poland , Germany , Netherlands , Denmark , Belgium , Portugal , Spain ,

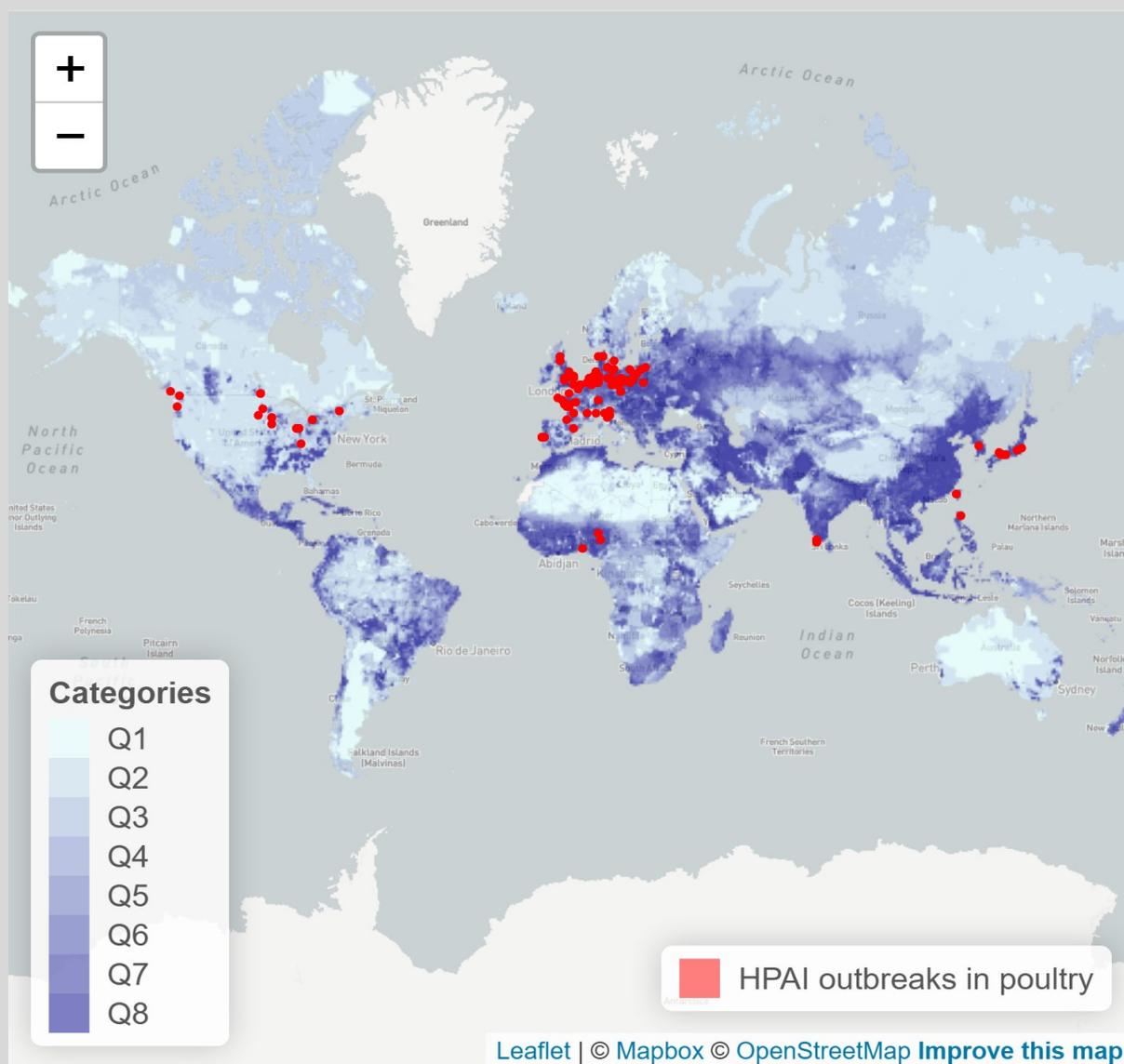
<sup>3</sup> As defined in [Article 1.1.2](#) of the WOAAH Terrestrial Animal Health Code, an “event” means a single outbreak or a group of epidemiologically related outbreaks of a given listed disease or emerging disease that is the subject of a notification. An event is specific to a pathogenic agent and strain, when appropriate, and includes all related outbreaks reported from the time of the initial notification through to the final report. Reports of an event include susceptible species, the number and geographical distribution of affected animals and epidemiological units.

<sup>4</sup> As defined in the [glossary](#) of the WOAAH Terrestrial Animal Health Code, an “outbreak” means the occurrence of one or more cases in an epidemiological unit.

Region	Sub/genotype	Clade	Country/territory
			Lithuania
Europe	H5N1	Clade 2.3.4.4b; Lineage: Fully Eurasian	Czech Republic , France , Netherlands
Europe	H5N1		United Kingdom

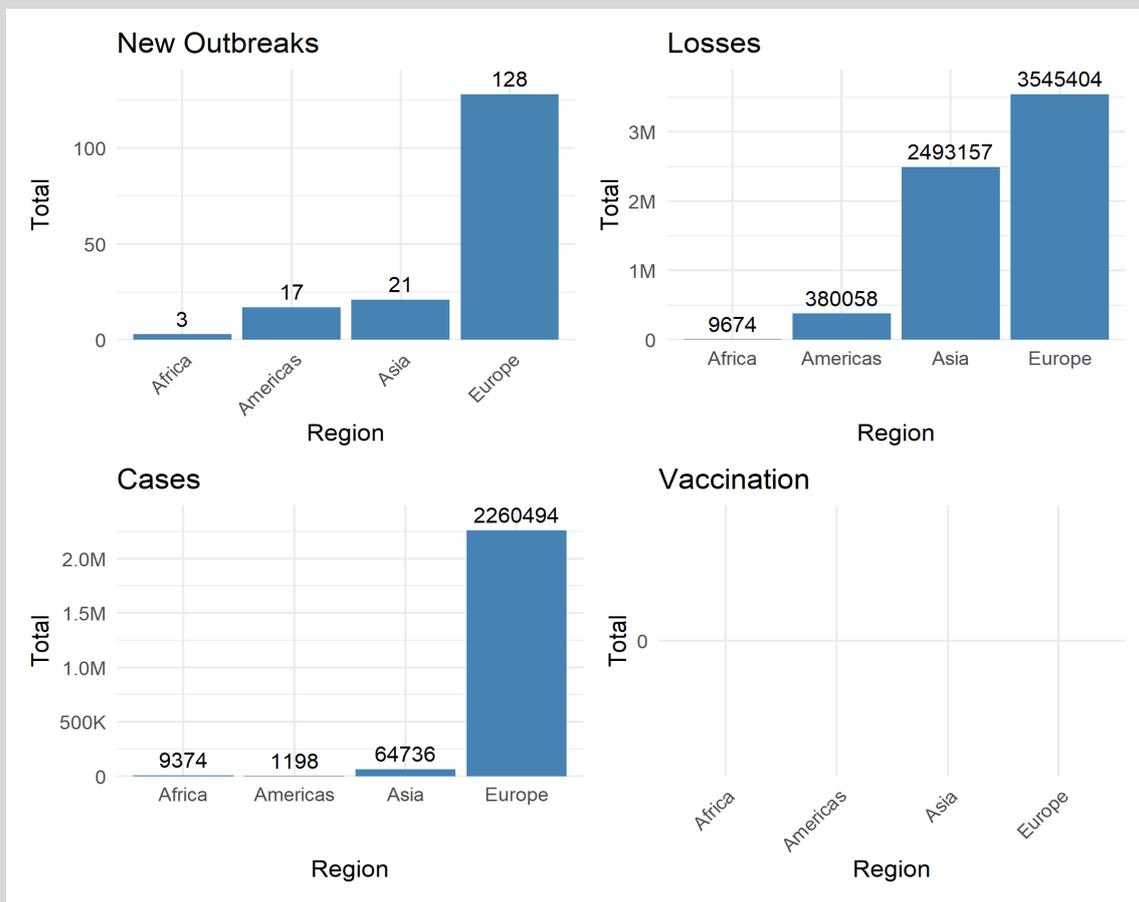
### New outbreaks

During the period covered by this report, 169 new outbreaks in poultry were notified by 21 countries and territories (Belgium, Canada, Chinese Taipei, Czech Republic, Denmark, France, Germany, India, Italy, Japan, Korea (Rep. of), Lithuania, Netherlands, Nigeria, Philippines, Poland, Portugal, Spain, Sweden, United Kingdom, United States of America). Details are presented in Figures 3 and 4.



**Figure 3.** Distribution of HPAI new outbreaks in poultry. The outbreaks are presented on top of the chicken density layer<sup>5</sup> produced by the Food and Agriculture Organization of the United Nations (FAO) - [GLW 4: Gridded Livestock Density \(Global - 2020 - 10 km\)](#)

<sup>5</sup> Layers for the distribution of other poultry species (such as ducks, turkeys, geese, etc.) are not currently available under FAO GLW 4: Gridded Livestock Density (Global - 2020 - 10 km).



**Figure 4.** Number of new outbreaks, associated cases and losses (losses include animals dead and killed and disposed of within outbreaks – they do not include culling around outbreaks). It should also be noted that some countries or territories are unable to provide a precise number of cases and leave this field blank in the report.

## HPAI in non-poultry

### New events by world region (reported through immediate notifications)

#### Non-poultry birds

Region	Sub/genotype	Clade	Country/territory	Subnational area	Event Start Date
Africa	H5N1		Namibia	IlKharas	10 December 2025
Americas	H5N1		Brazil	Mato Grosso	8 December 2025
Europe	H5N1		Estonia	Harju	2 December 2025
Europe	H5N1		Lithuania	Kauno	31 December 2025
Europe	H5N1		Poland	Mazowieckie	2 December 2025
Europe	H5N1		Poland	Podlaskie	1 December 2025
Europe	H5N1		Poland	Łódzkie	15 December 2025
Europe	H5N1		Spain	Aragón	15 December 2025

## Mammals

Region	Sub/genotype	Species	Clade	Country/territory	Subnational area	Event Start Date
Europe	H5N1	Red fox		Germany	Nordrhein-Westfalen	3/12/2025
Europe	H5N1	Raccoon (Northern raccoon)		Germany	Thüringen	3/12/2025
Europe	H5N1	Raccoon (Northern raccoon)		Germany	Hessen	10/12/2025
Europe	H5N1	Red fox		Estonia		5/12/2025

On-going events for which there were new reported outbreaks, by world region (reported through follow-up reports):

## Non-poultry birds

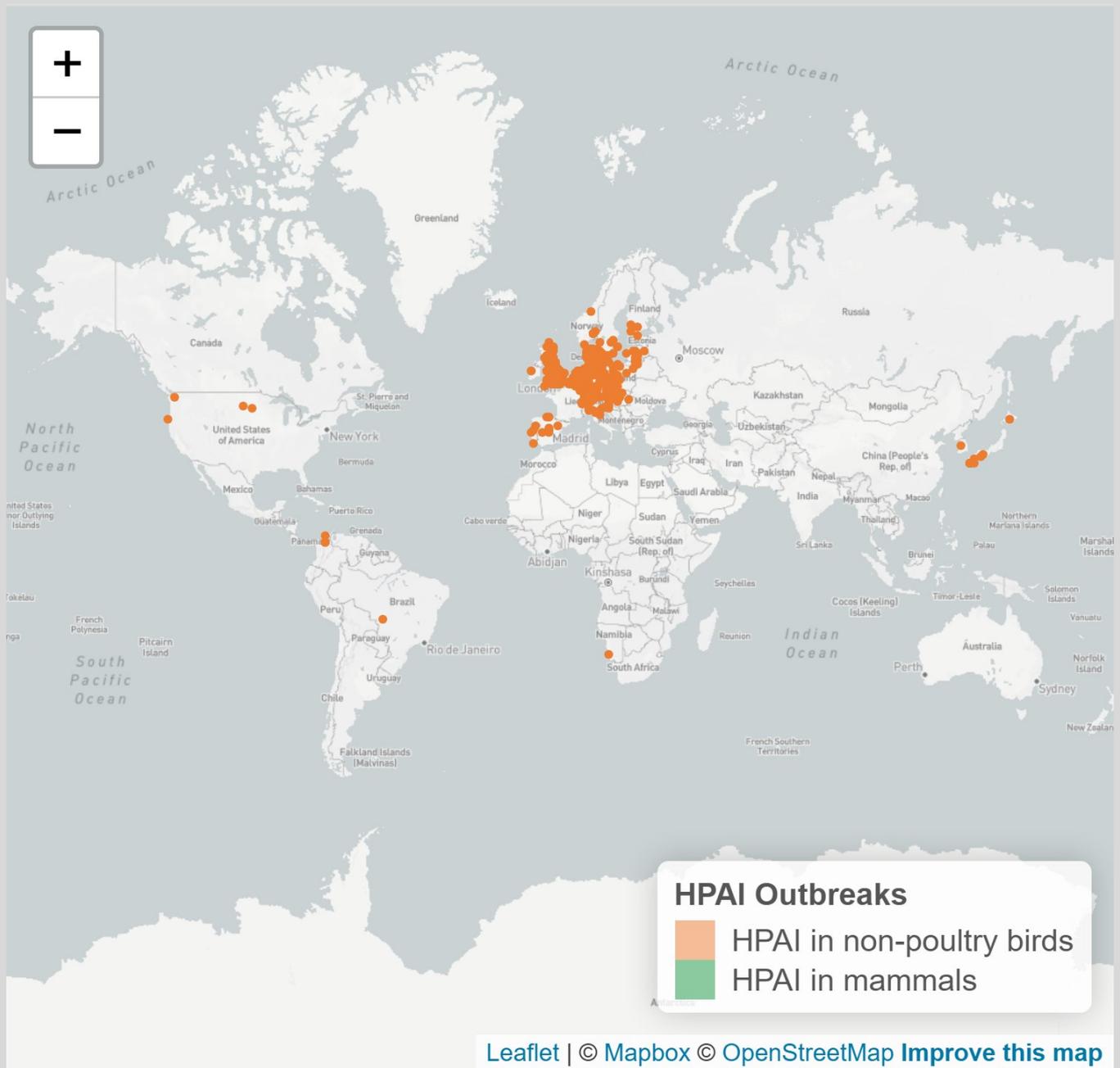
Region	Sub/genotype	Clade	Country/territory
Americas	H5N1		Colombia, United States of America
Asia	H5N1		Japan, Korea (Rep. of)
Europe	H5		Belgium, Italy
Europe	H5N1		Denmark, Poland, Switzerland, Slovenia, Ireland, Germany, Netherlands, Latvia, Sweden, Portugal, Norway, Finland, Austria, Hungary, Spain, Lithuania, Italy, Belgium, Luxembourg, Slovakia
Europe	H5N1	Clade 2.3.4.4b - Lineage: Fully Eurasian	Norway, Czech Republic, Netherlands
Europe	H5N1		United Kingdom

### Antarctica

One confirmed case was reported in the subantarctic islands and in Antarctica proper during December 2025: in Beauchêne Island, in a Black-browed Albatross. Unusual mortality has been reported in Crab eater seals. Details coming from the Scientific Committee on Antarctic Research (SCAR) are available here: <https://scar.org/library-data/avian-flu>. The [Updated Biological Risk Assessment and Recommendations for Highly Pathogenic Avian Influenza in Antarctica](#) published on behalf of the SCAR Antarctic Wildlife Health Network on 18 December 2024 presents a summary of the situation as well as recommendations.

## New outbreaks

During the period covered by this report, 608 new outbreaks in non-poultry were notified by 29 countries and territories (Austria, Belgium, Brazil, Colombia, Czech Republic, Denmark, Estonia, Finland, Germany, Hungary, Ireland, Italy, Japan, Korea (Rep. of), Latvia, Lithuania, Luxembourg, Namibia, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, United States of America)<sup>6</sup>. Details are presented in Figures 5 and 6.



**Figure 5.** Distribution of HPAI new outbreaks in non-poultry and mammals reported through WAHIS.

<sup>6</sup> This list corresponds to countries and territories that have notified cases in wild birds, mammals or domestic birds other than poultry. This explains why their numbers are different from those presented on page 4 in the 'HPAI key figures for the current seasonal wave and the two previous waves' table, which does not cover domestic birds other than poultry.

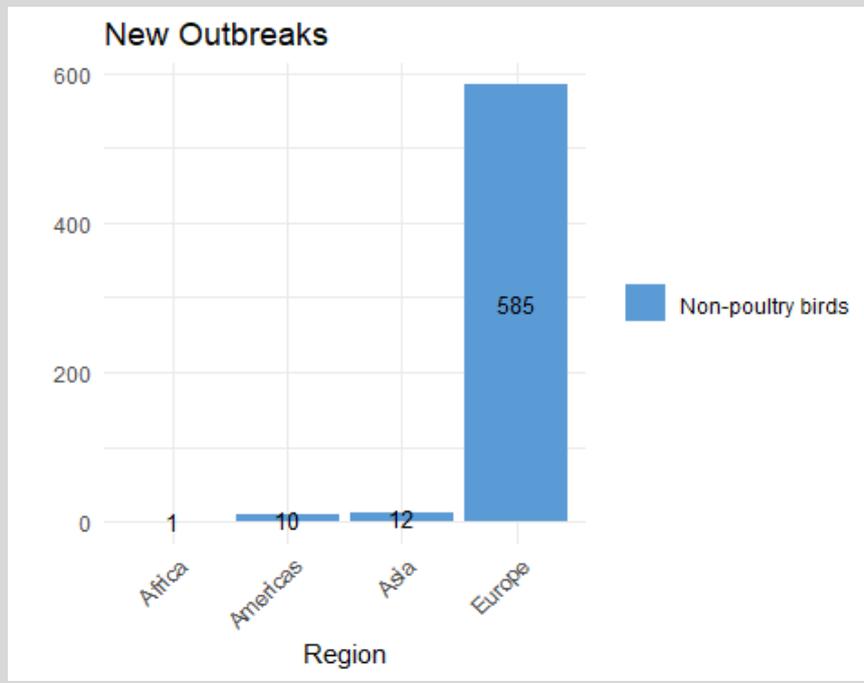


Figure 6. Number of new outbreaks in non-poultry reported through WAHIS by geographical region.

## Self-declarations of freedom published in December 2025

In accordance with the provisions of the *Terrestrial Animal Health Code*, Members may wish to self-declare the freedom of their country, zone or compartment from HPAI. A Member wishing to publish its self-declaration for disease-freedom, should provide the relevant documented evidence of compliance with the provisions of the Code.

The WOAHA Delegates of Latvia, and Sri Lanka declared that the country complied with the requirements for recovery of freedom from infection with high pathogenicity avian influenza viruses in poultry, as of 12 December, and 22 December 2025, respectively, in accordance with Article 10.4.6. of the Terrestrial Code and consistent with the information provided in WAHIS.

# Recent news

[Guidelines for Surveillance of High Pathogenicity Avian Influenza for Smallholder Poultry Systems in Resource-Limited Settings](#)

[Statement on the impact of HPAI on wildlife worldwide - WOAAH - World Organisation for Animal Health](#)

[GF-TAD Webinar \(December 2025\): Update on the global situation of High Pathogenicity Avian Influenza \(HPAI\)](#)

[92GS Tech-02: Animal Health Situation Worldwide](#)

[The State of the World's Animal Health 2025](#)

[Statement on the impact of HPAI on wildlife worldwide](#)

[High Pathogenicity Avian Influenza \(HPAI\) in Cattle](#)

[Interview: Avian influenza prevention: could vaccination support egg security?](#)

[Case definition for HPAI in cattle](#)

[Updated joint FAO/WHO/WOAH public health assessment of recent influenza A\(H5\) virus events in animals and people](#)

[Global Strategy for the Prevention and Control of High Pathogenicity Avian Influenza \(2024–2033\)](#)

**Webinar of global strategy:** [Advancing Global Efforts for the Prevention and Control of High Pathogenicity Avian Influenza](#)

[Pathogenicity Avian Influenza - WOAAH - World Organisation for Animal Health](#)

[Conclusions of the Meeting on Vaccination and Surveillance for HPAI in Poultry: Current Situation and Perspectives](#)

[WOAH HQ, Paris - France, October 22-23, 2024](#)

[GF-TADs Meeting: Detection of HPAI in Ruminants and Humans in the USA \(cont.\)](#)

# WOAH resources

[Avian influenza portal](#)

[Self-declared Disease Status](#)

[WAHIS](#)

[Resolution adopted in WOAAH General Session 2023: Strategic challenges in the global control of HPAI](#)

[Considerations for emergency vaccination of wild birds against high pathogenicity avian influenza in specific situations](#)

[Practical guide for authorised field responders to HPAI outbreaks in marine mammals](#)

# Awareness tools

[Understanding avian influenza](#)

[Avian influenza: understanding new dynamics to better combat the disease](#)

[Avian influenza: why strong public policies are vital](#)

[Video: Avian influenza threatens wild birds across the globe](#)

For any press inquiry on HPAI, e-mail us at [media@woah.org](mailto:media@woah.org).

# OFFLU resources

[OFFLU summary report from the WHO vaccine composition meeting, September 2025](#)

[OFFLU Guidelines for High Pathogenicity Avian Influenza Virus Risk Mitigation in Cattle](#)

[OFFLU AIM Technical Report \(September 2025\)](#)

[Summary of OFFLU technical meeting at the 11th International symposium on avian influenza, June 2025, Canada](#)

[OFFLU Annual Report 2024](#)

[OFFLU summary report from the WHO vaccine composition meeting February 2025](#)

[OFFLU Statement on the Development of a Global Consensus H5 Influenza Genotyping Framework](#)

[OFFLU Avian Influenza Vaccine Matching \(AIM\) for poultry vaccines: H5Nx executive summary October 2024](#)

[Updated OFFLU Statement on high pathogenicity avian influenza in dairy cows](#)

[Webinar: OFFLU Avian Influenza Matching \(AIM\) for Poultry Vaccines OFFLU diagnostic guidance: HPAI dairy cattle](#)

[Continued expansion of high pathogenicity avian influenza H5 in wildlife in South America and incursion into the Antarctic region](#)

# Other relevant resources

[Cumulative number of confirmed human cases for avian influenza A\(H5N1\) reported to WHO](#)

[Human infection with avian influenza A\(H5\) viruses](#)

[WHO, Influenza at the human-animal interface, Summary and risk assessment from 6 November to 19 December 2025](#)

[HPAI Detections in Livestock](#)