

AVIAN INFLUENZA

Ben Dellaert Chair, WEO Avian Influenza Global Expert Group

Avian Influenza Global Expert Group





Ben Dellaert



Prof. Ian Brown



Dr. Travis Schaal



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Dr. David Swayne



Dr. Wenqing Zhang



Dr. Craig Rowles



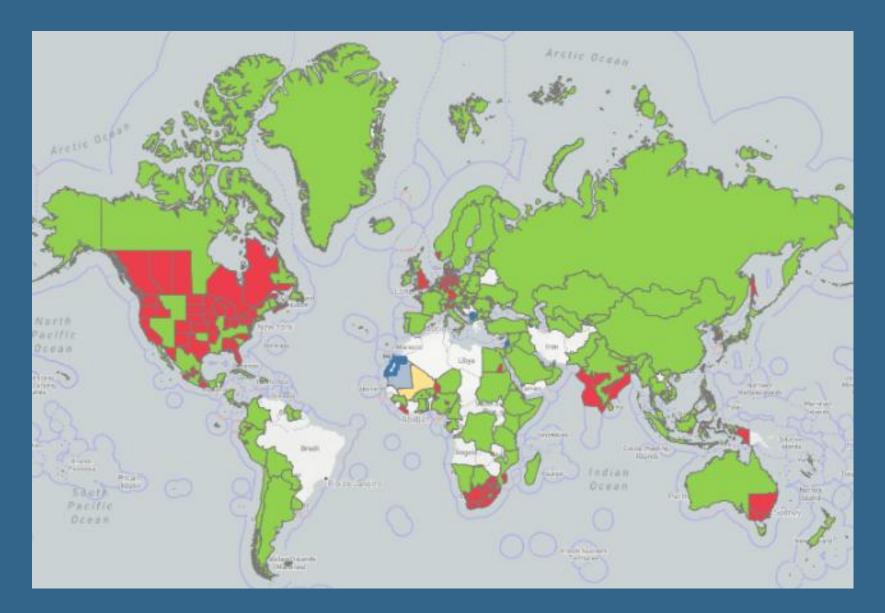
Kevin Lovell



Francisco D'Alessio
Observer

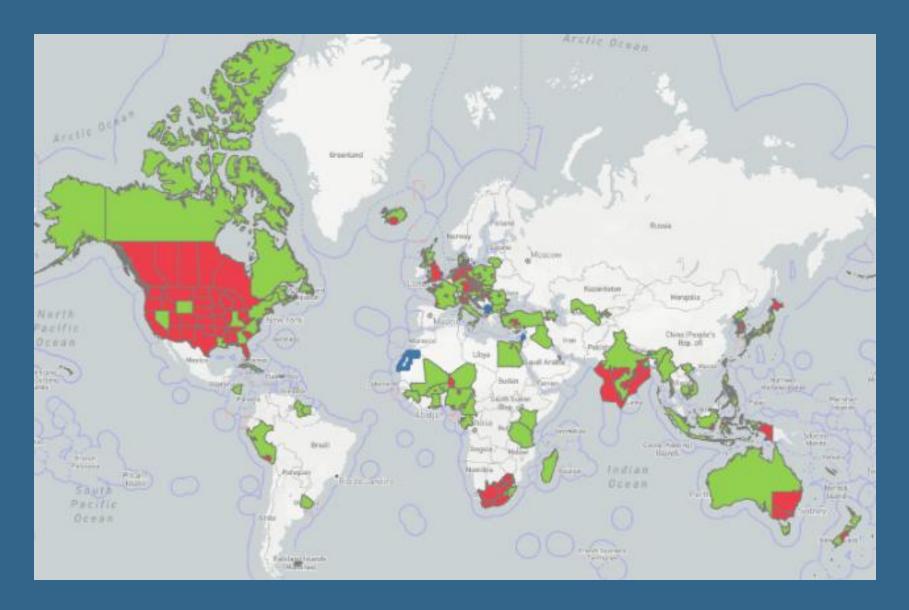


Dr. Gounalan Pavade
Observer



Jan – Jun 2024 Notified cases HPAI (WOAH)

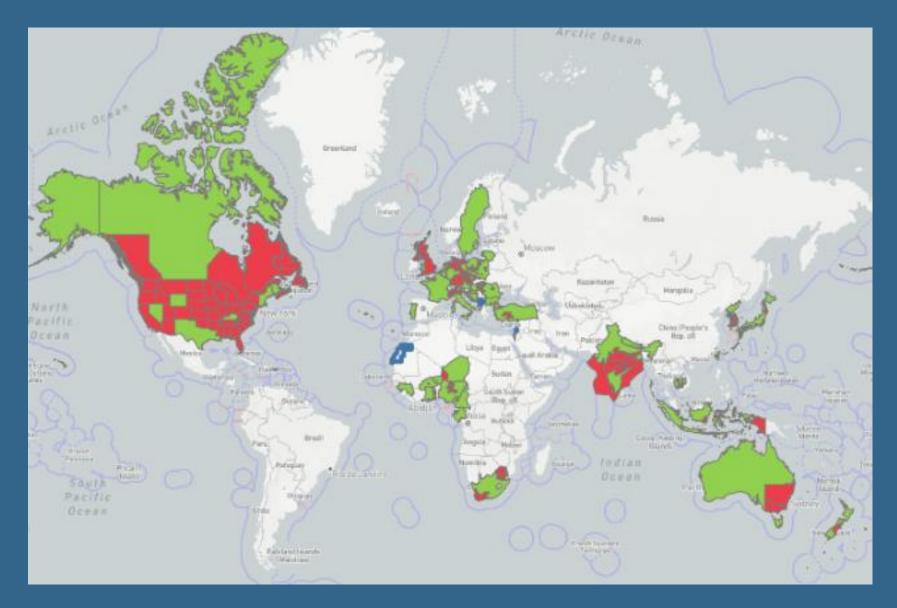






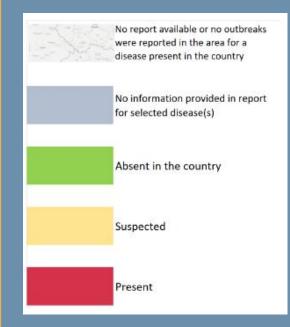
Notified cases HPAI (WOAH)





Jan 2025 - Present

Notified cases HPAI (WOAH)



An ongoing & evolving situation

December 2023

First polar bear dies of H5N1 in Alaska

March 2024

HPAI confirmed in dairy cattle in the US

August 2024

US person
hospitalised with
HPAI, despite no
contact with poultry
or dairy cows

November 2024

A teenager in Canada becomes infected with H5N1, presenting severe pneumonia

February 2025

WOAH and FAO launch updated ten-year strategy to prevent and control HPAI

October 2023

H5N1 first discovered in the Antarctic region

February 2024

5 human infections of H5N1 in Cambodia: one patient dies

Reports estimate H5N1 in South America has killed at least 600,000 wild birds and 50,000 mammals since 2022

May 2024

Australia reports first human H5N1 case in a child returning from India

October 2024

H5N1 detected in a pig in US

January 2025

US reports first bird flu-related human death: over age 65 with underlying health conditions



The WEO is proactively working to accelerate the journey to effective and workable Al vaccination in laying hens - as an additional and complementary tool in the fight against HPAI.



WEO Tools

Practical Elements of Biosecurity for Sustainable Egg Production

Biosecurity Checklist and Posters

Al Crisis Communications – Immediate Response Toolkit

HPAI in Layers: Considerations and Essential Components for Vaccination and Surveillance







NEW TOOL AVAILABLE SOON!

'Practical Guide to HPAI Vaccination in Laying Hens'

Developed by our Al Global Expert Group



Meanwhile in The Netherlands * Experiments on vaccination *

- → Field trial on 2 experimental farms: effectiveness vaccine and block of transmission
- → Vaccination pilot March 2025: vaccination ánd surveillance one flock (eggs for local market)
- → Supervised by government
- → Surveillance (EU regulation 2023/361)
 - → Weekly virological testing (dead birds)
 - → Monthly serological or virological testing (blood)
 - → Monthly clinical inspection by official veterinarian







Thank you for your attention

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