

Disease situation in the Region- Updates on WOAAH Data Models for Electronic Certification

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WEQAA CENTER | مركز وقاء

المركز الوطني للوقاية من الآفات النباتية والأمراض الحيوانية ومقاومتها
National Center for the Prevention & Control of Plants Pests & Animal Diseases



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



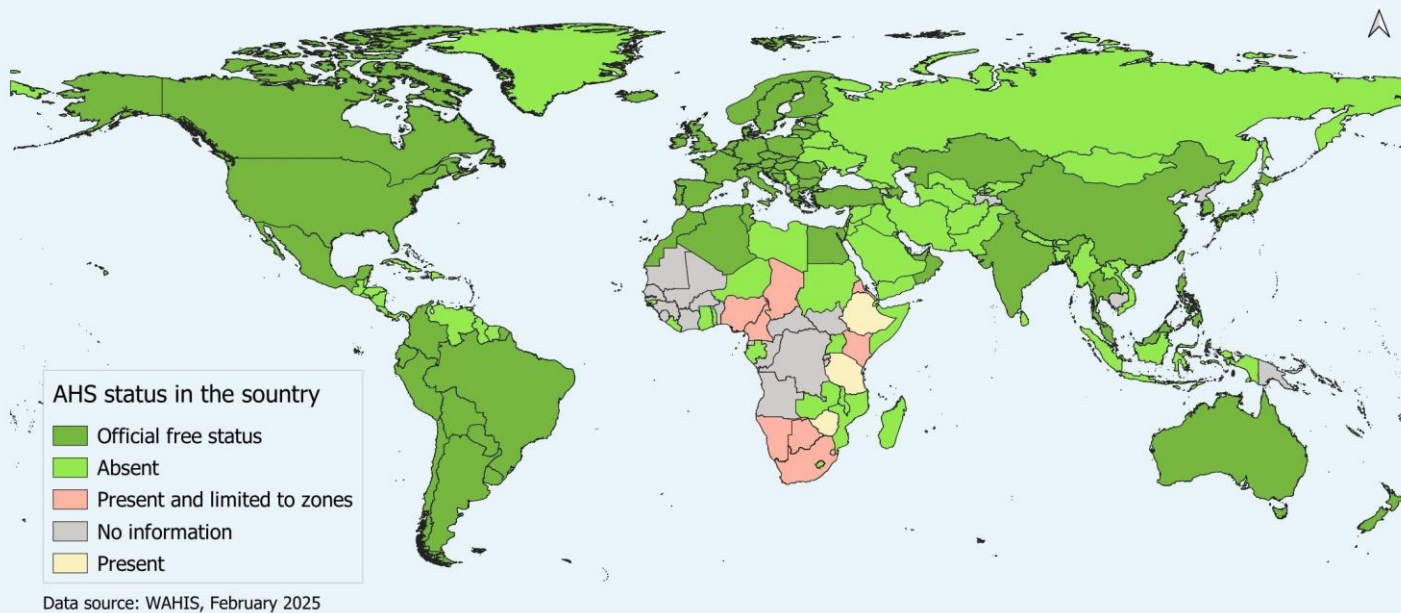
هيئة الفروسية
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Disease situation on equine diseases according to the information submitted by WOAAH Delegates to [WAHIS](#) (World Animal Health Information System)

African Horse Sickness (AHS) World Map with disease situation (from WAHIS) including official status recognition) and Regional Map of Members with WOAAH official status recognition

Global distribution of African horse sickness (2020-2024)

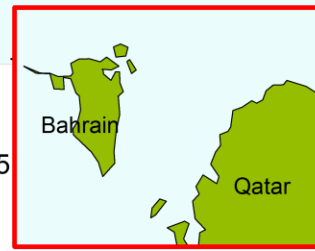


MIDDLE EAST: WOAAH Members' official AHS status map

Last update February 2025

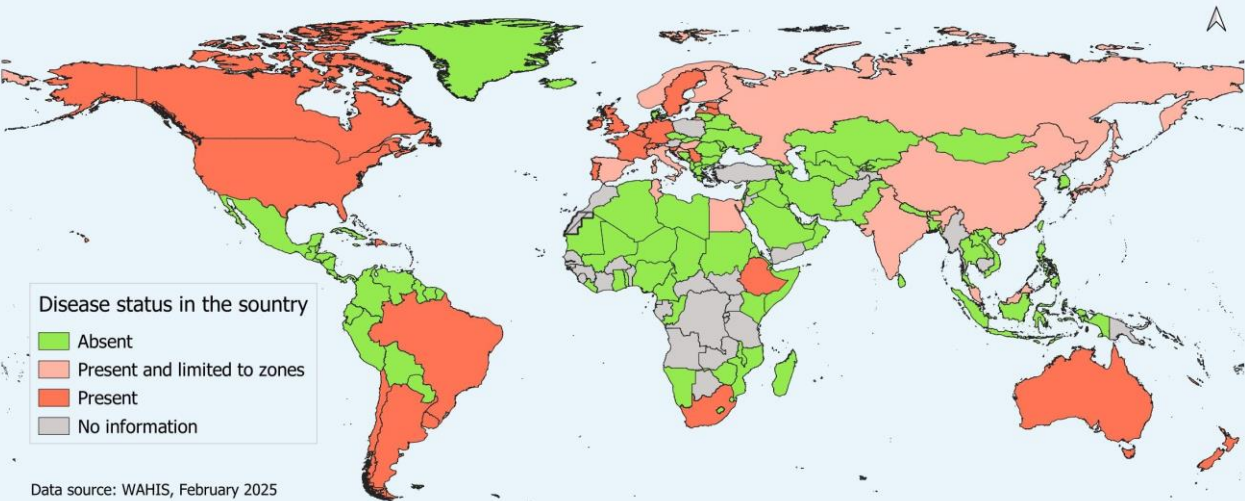


- Members recognised as free from AHS (Dark Green)
- Member recommended for official recognition in May 2025 (Medium Green)
- Countries without an official status for AHS (Grey)

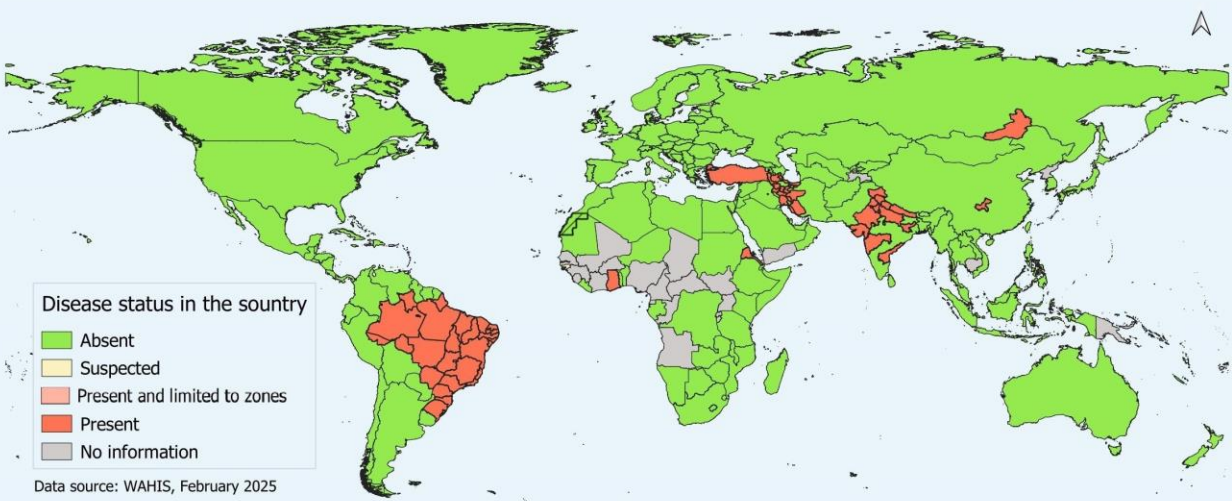


Other Equine Diseases with importance for international trade (2020-2024)

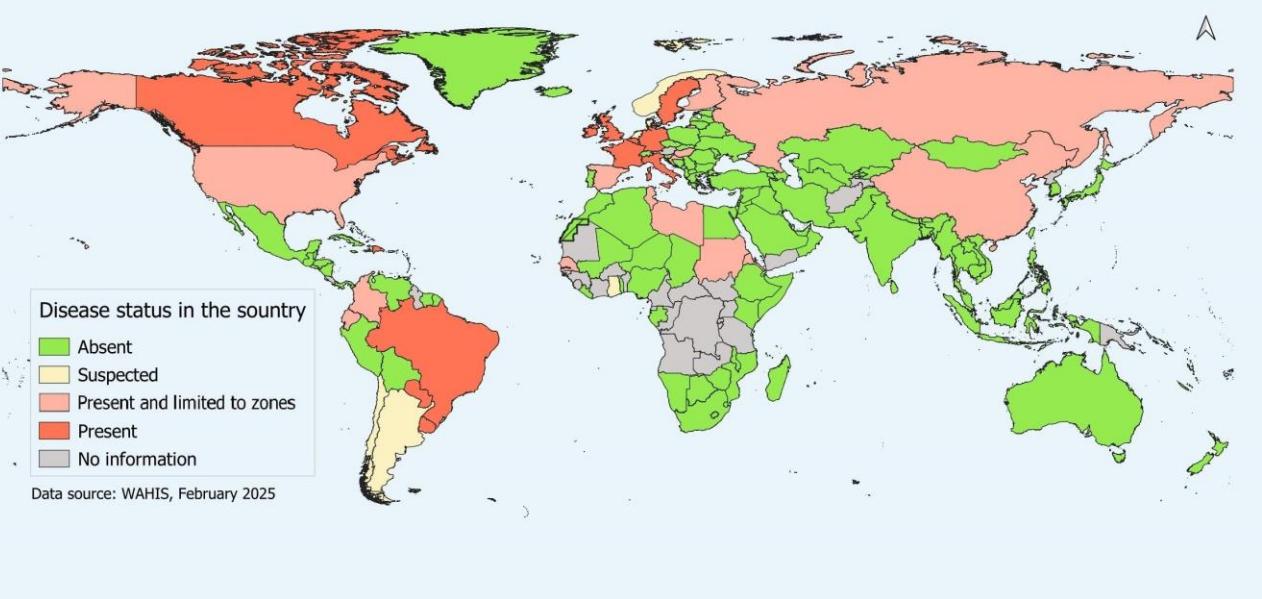
Global distribution of equine rhinopneumonitis (2020-2024)



Global distribution of Glanders (2020-2024)

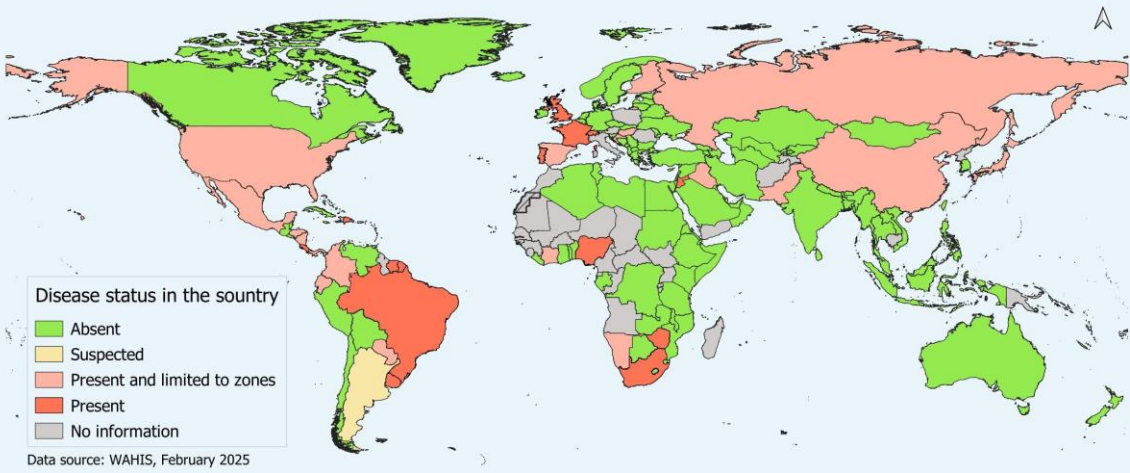


Global distribution of equine influenza virus (inf. with) (2020-2024)

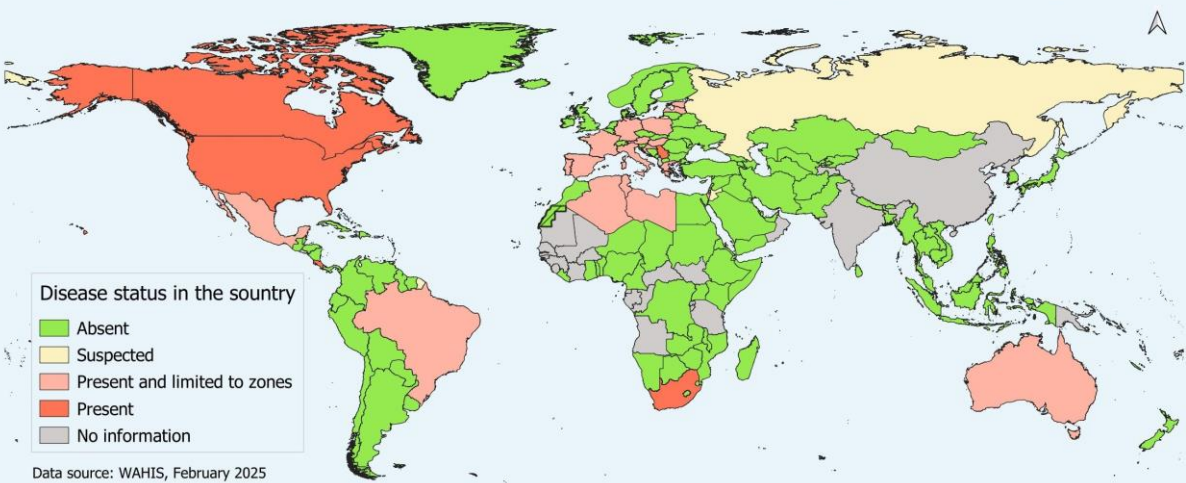


Vector Borne Diseases affecting equids (2020-2024)

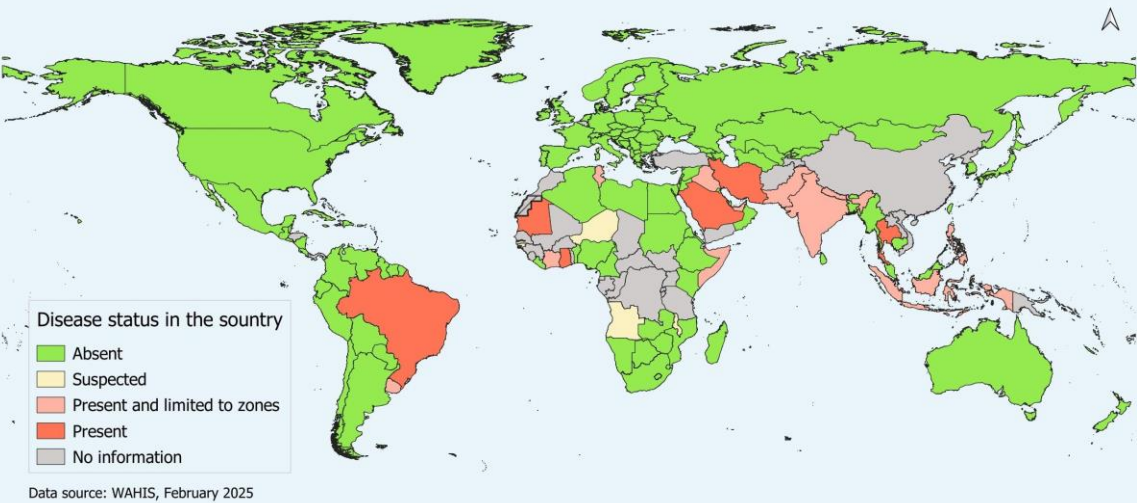
Global distribution of equine piroplasmosis (2020-2024)



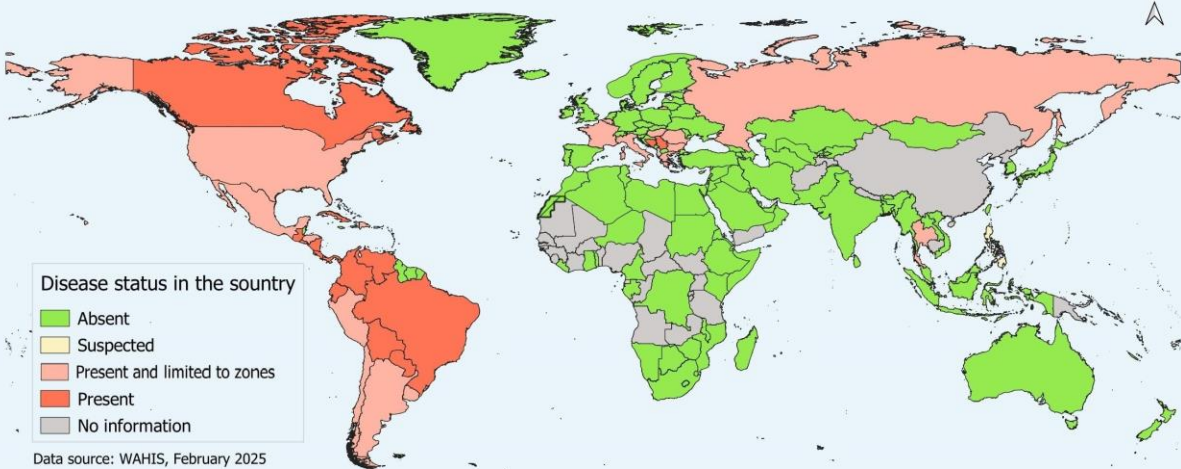
Global distribution of West Nile fever (2020-2024)



Global distribution of Surra (*Trypanosoma evansi*) (2020-2024)

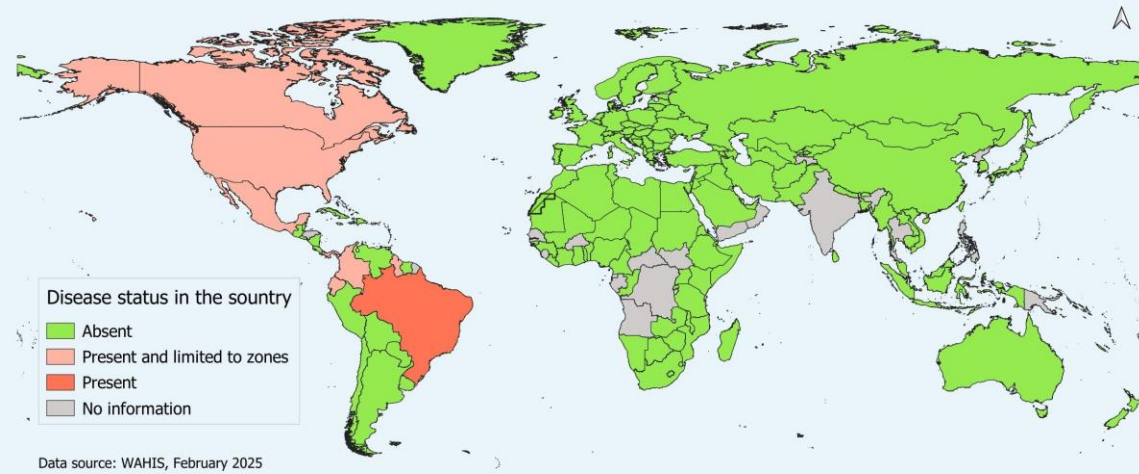


Global distribution of equine infectious anaemia (2020-2024)

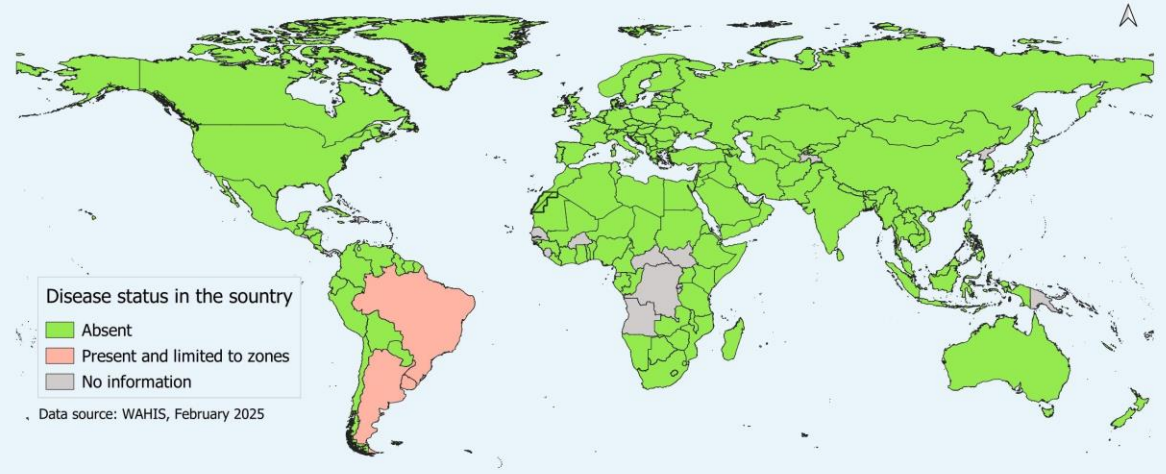


Equine Encephalitides (2020-2024)

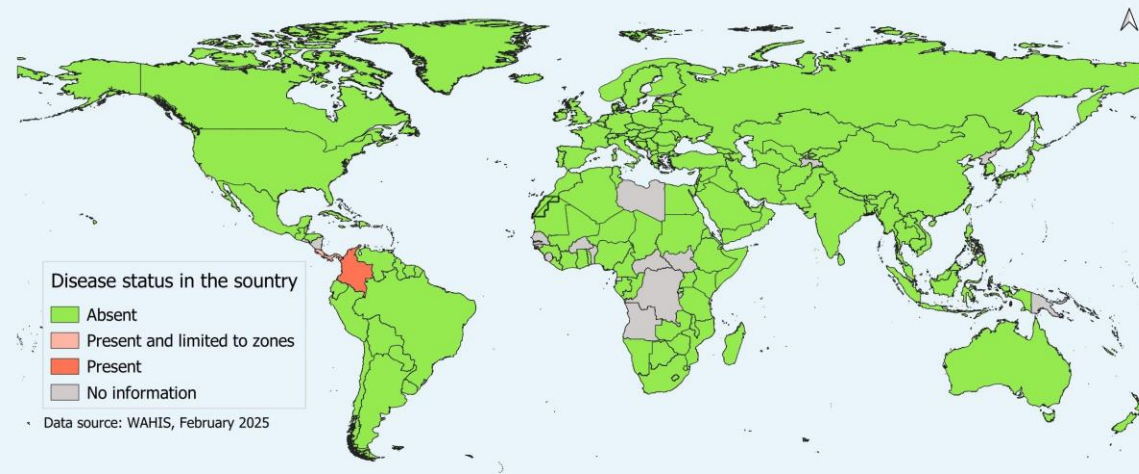
Global distribution of equine encephalomyelitis (Eastern) (2020-2024)



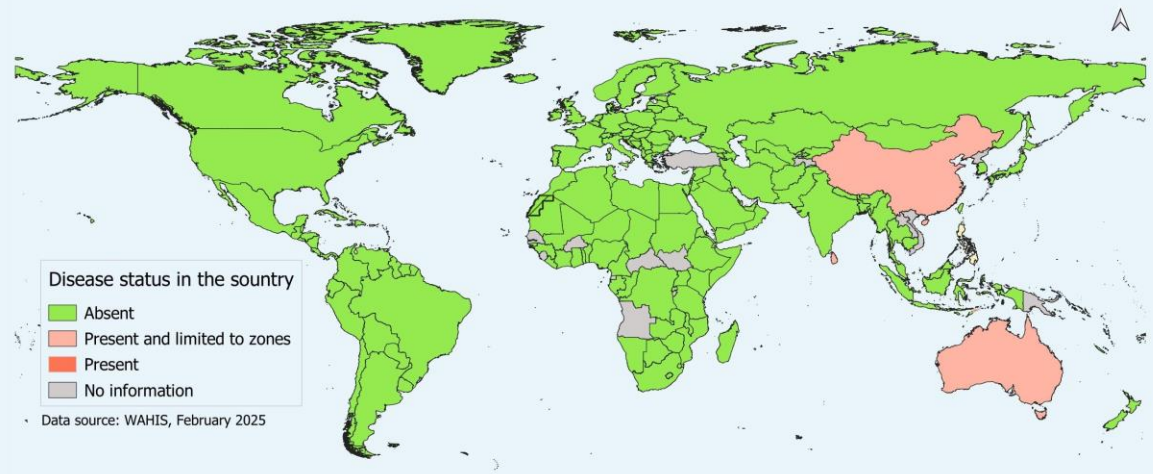
Global distribution of equine encephalomyelitis (Western) (2020-2024)



Global distribution of Venezuelan equine encephalomyelitis (2020-2024)



Global distribution of Japanese encephalitis (2020-2024)



Equine are considered as safe commodities in the recently revised Code Chapters on Eastern, Western encephalomyelitis and the Chapter on Japanese Encephalitis

Updates on WOAAH Data Models for Electronic Certification

Introduction to Electronic Veterinary Certification

What is Electronic Veterinary Certification?

- Digital system for certifying the health status of animals during trade and movement
- Designed to enhance transparency, traceability, and efficiency in certification processes

Objectives:

- Ensure the safe trade and movement of animals
- Streamline procedures and reduce administrative burdens

Role of WOAAH:

- Provides global guidance, technical support, and standardization tools

Reference (Dec 2024):

[WOAH Electronic Veterinary Certification](#)

Key Benefits and Features

Efficiency Gains:

- Real-time data exchange between veterinary authorities, exporters, and importers
- Reduced paper-based processes and administrative delays

Enhanced Traceability & Transparency:

- Reliable digital records facilitate monitoring of animal movements
- Improved ability to track and validate health status across borders

Standardization:

- Harmonized data formats ensure consistency between countries
- Supports international trade and regulatory compliance

Global Impact:

- Increases trust in animal health certification and safety in trade

WOAH Electronic Certification -Data Model Guidance



Purpose of the Guidance:

Establishes a standardized framework for electronic veterinary certification data



Key Components:

Data Elements: Clearly defined fields for animal, certificate, and transaction details

Formats & Business Rules: Uniform requirements to ensure data consistency and interoperability

Interoperability

Guidelines: Directions for integrating national systems with global standards



Benefits:

Facilitates data sharing and validation across jurisdictions

Promotes consistency and reliability in certification processes



Reference:

[WOAH Electronic-Certification Data Model Guidance](#)

Implementation & Future Outlook

Implementation Strategies:

- Align national systems with WOAAH standards and invest in digital infrastructure
- Enhance stakeholder training and capacity building for smooth adoption

Future Directions:

- Continuous updates to adapt to evolving trade and health challenges
- Leverage emerging technologies for improved certification processes (i.e., digital passports: HorseAPP)

Call to Action:

- Encourage global collaboration to maximize the benefits of electronic certification

Ad Hoc Group for the Revision of Code [Chapter 5.12](#) (Model Passport for international movement of competition horses)

- An *ad hoc* Group of experts would be convened in 2026 to update this Chapter, including provisions for digital passports

Thanks Comments? Questions?

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