

FMD Situation in Eastern Africa

Neo MAPITSE
World Organisation for Animal Health

**Workshop on FMD Epidemiology, Surveillance, and
Diagnostics to Strengthen Control Efforts in Eastern Africa**

21st - 23rd October 2025, Mombasa, Kenya





FMD in Africa



Data and Monitoring Systems

WOAH's WAHIS system provides critical data and insights on FMD outbreak trends and disease characteristics.

Outbreak Trends and Serotypes

Persistent outbreaks and dominance of specific serotypes characterise the FMD situation from January to October 2025.

Strategic Planning and Response

Understanding monthly trends and reporting challenges supports surveillance, control efforts, and strategic planning.



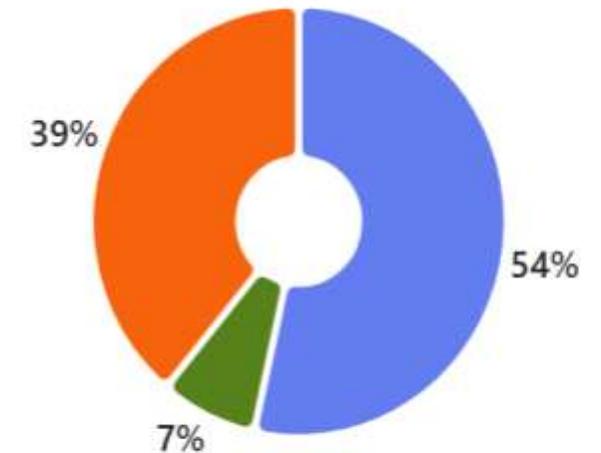
Proportion of FMD Outbreak Types

OUTBREAK TYPE	COUNT
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First Occurrence	30
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New Strain	10
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Recurrence	160
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■ Recurrence ■ First Occurrence ■ New Strain



WOAH Members' official FMD status map

Last update September 2025



- Members and zones recognised as free from FMD without vaccination
- Members and zones recognised as free from FMD with vaccination

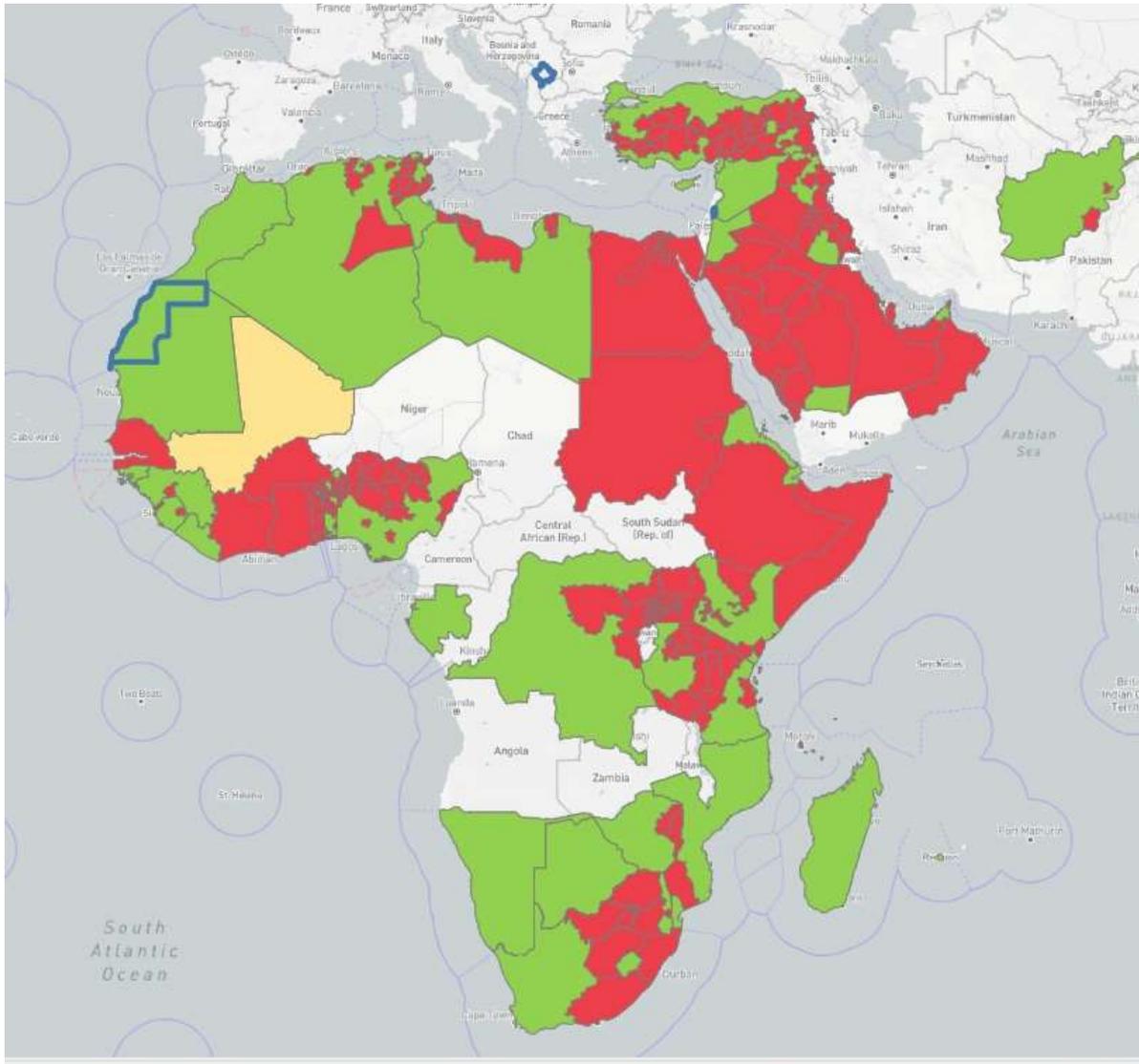
- Suspension of FMD free status
- Countries and zones without an official status for FMD



Serotypes assumed to be continuously circulating in Africa

POOL	REGION/COUNTRIES	SEROTYPES PRESENT
4	<u>EASTERN AFRICA</u> Burundi, Comoros, Djibouti, Egypt ¹ , Eritrea, Ethiopia, Kenya, Rwanda, Somalia, South Sudan, Sudan, Uganda, United Republic of Tanzania, Yemen	O, A, SAT1, SAT2 and SAT3
	<u>NORTH AFRICA</u> ² Algeria, Libya, Morocco, Tunisia	A and O
5	<u>WEST/CENTRAL AFRICA</u> Benin, Burkina Faso, Cabo Verde, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo	O, A, SAT1 and SAT2
6	<u>SOUTHERN AFRICA</u> Angola, Botswana, Malawi, Mozambique, (Mauritius ¹), Namibia, South Africa, Zambia, Zimbabwe	SAT1, SAT2 and SAT3 (O ⁴ , A)

Source: Pirbright Institute - WRLFMD



FMD Situation in Africa and Middle East

Jan-Dec 2024

Selected filters:

Region: Africa, Middle East

Year: 2024

GlobalStatus: Present, Suspected, Absent, No information

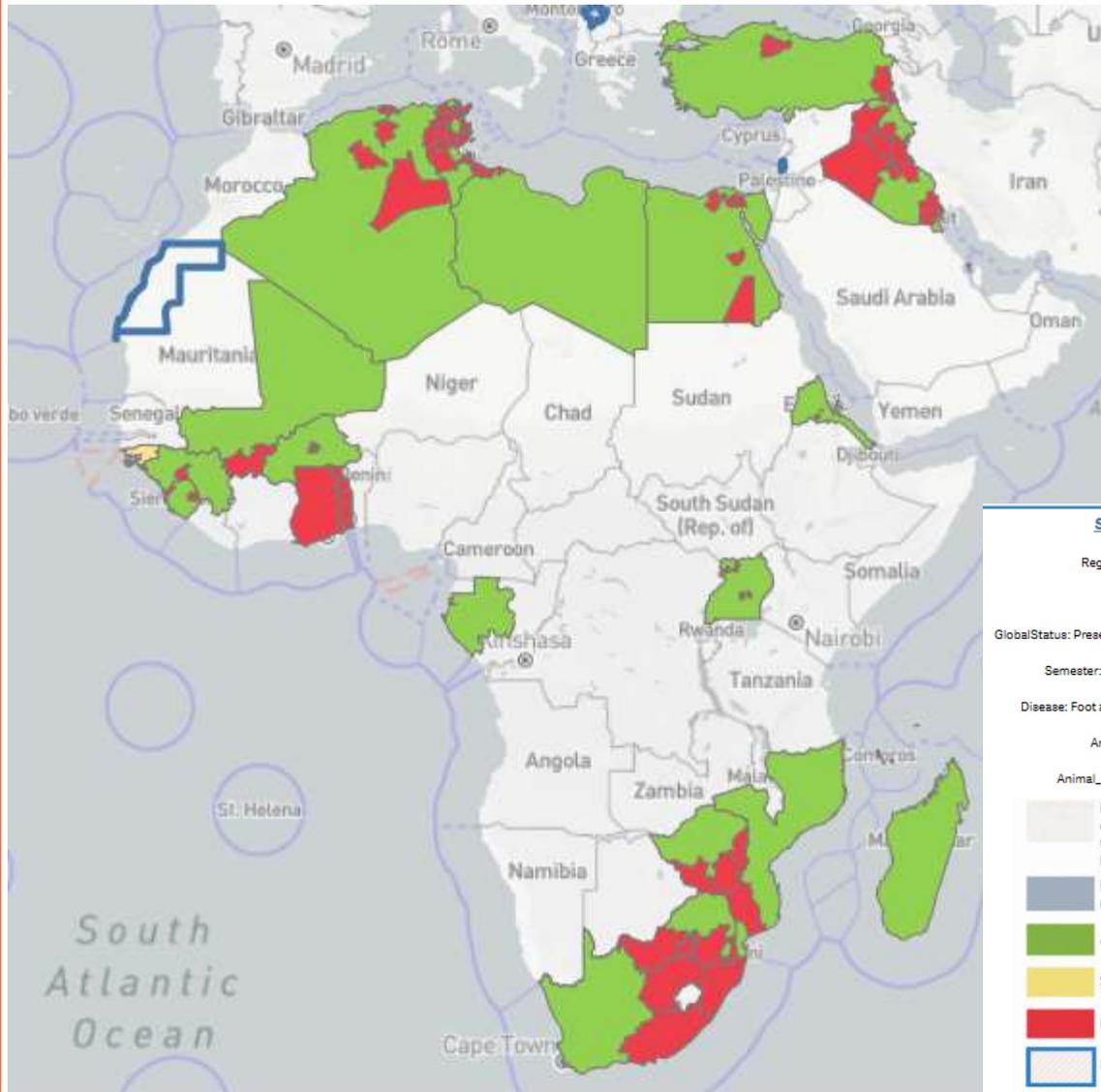
Semester: Jan-Jun-2024, Jul-Dec-2024

Disease: Foot and mouth disease virus (Inf. with)

Animal_type: Terrestrial

Animal_category_display: Domestic

-  No report available or no outbreaks were reported in the area for a disease present in the country
-  No information provided in report for selected disease(s)
-  Absent in the country
-  Suspected
-  Present
-  Disputed areas



FMD Situation in Africa and the Middle East

Jan-Sept 2025

Selected filters:

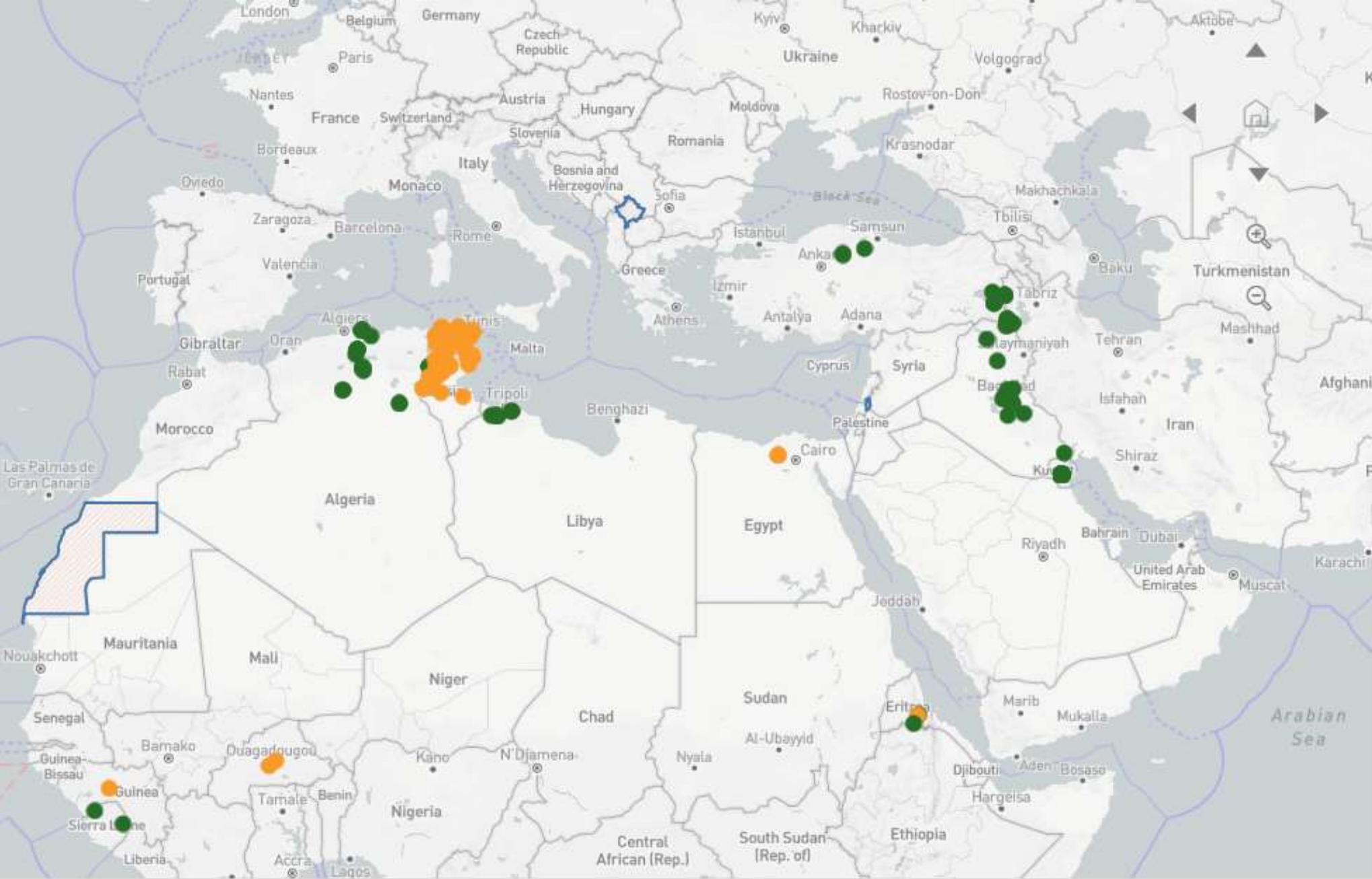
- Region: Africa, Middle East
- Year: 2025
- GlobalStatus: Present, Suspected, Absent, No information
- Semester: Jan-Jun-2025, Jul-Dec-2025
- Disease: Foot and mouth disease virus (Inf. with)
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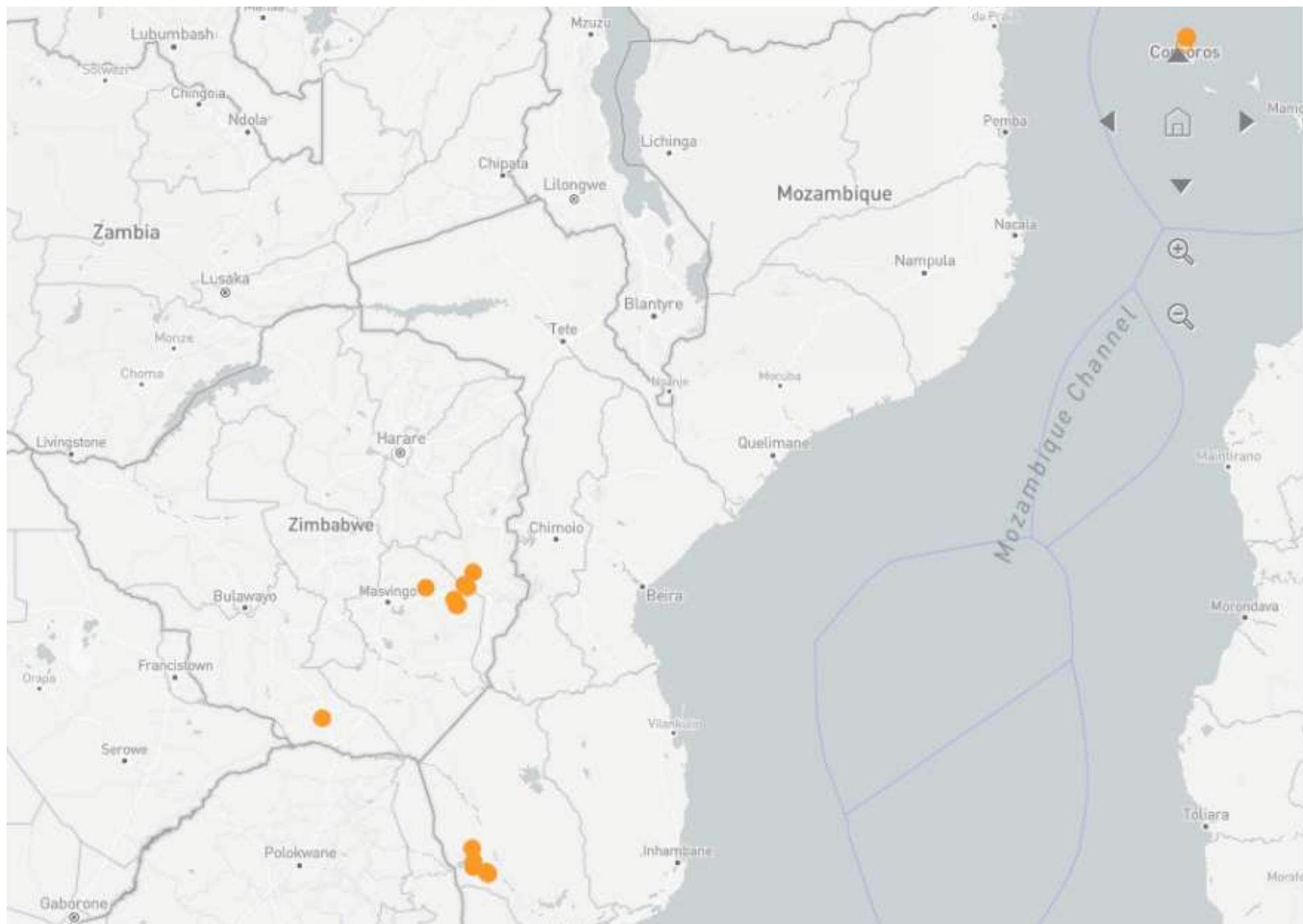
Outbreaks map – IN+FUR



- Domestic
- ▲ Wild
- ◐ Mixed
- Resolved
- Continuing
- Cluster



- Domestic
- Wild
- Mixed
- Resolved
- Continuing
- Cluster



Domestic

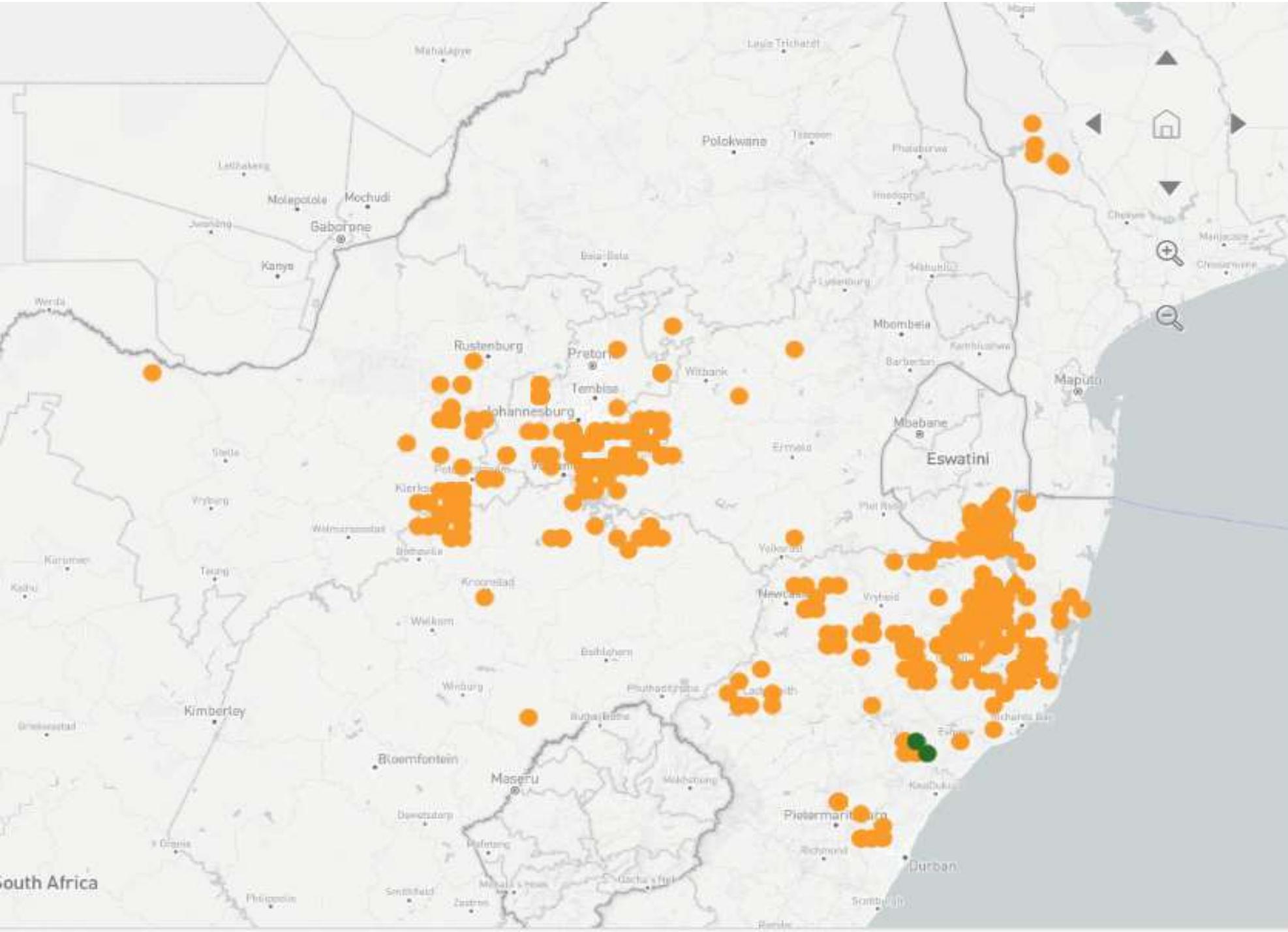
Wild

Mixed

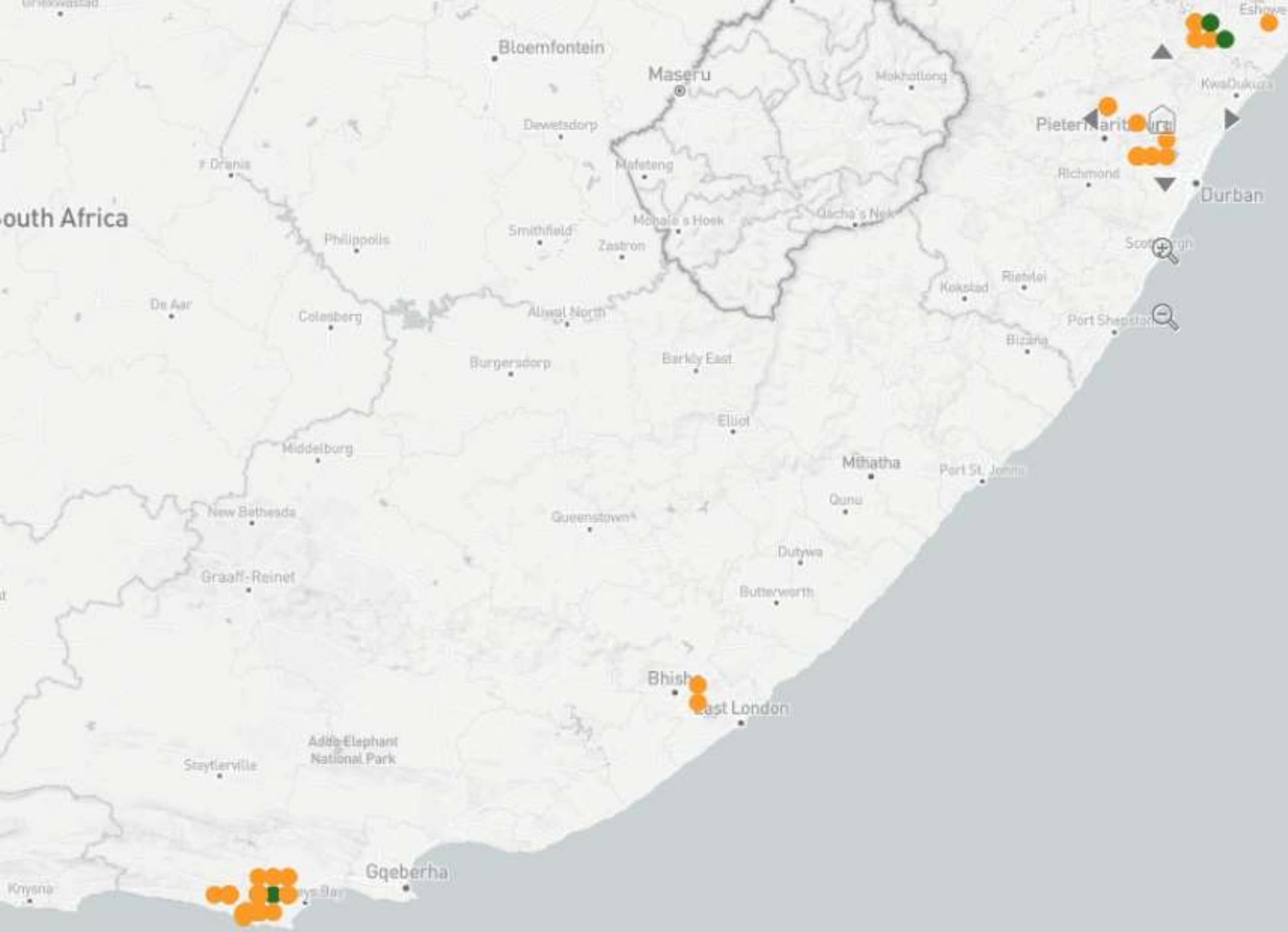
Resolved

Continuing

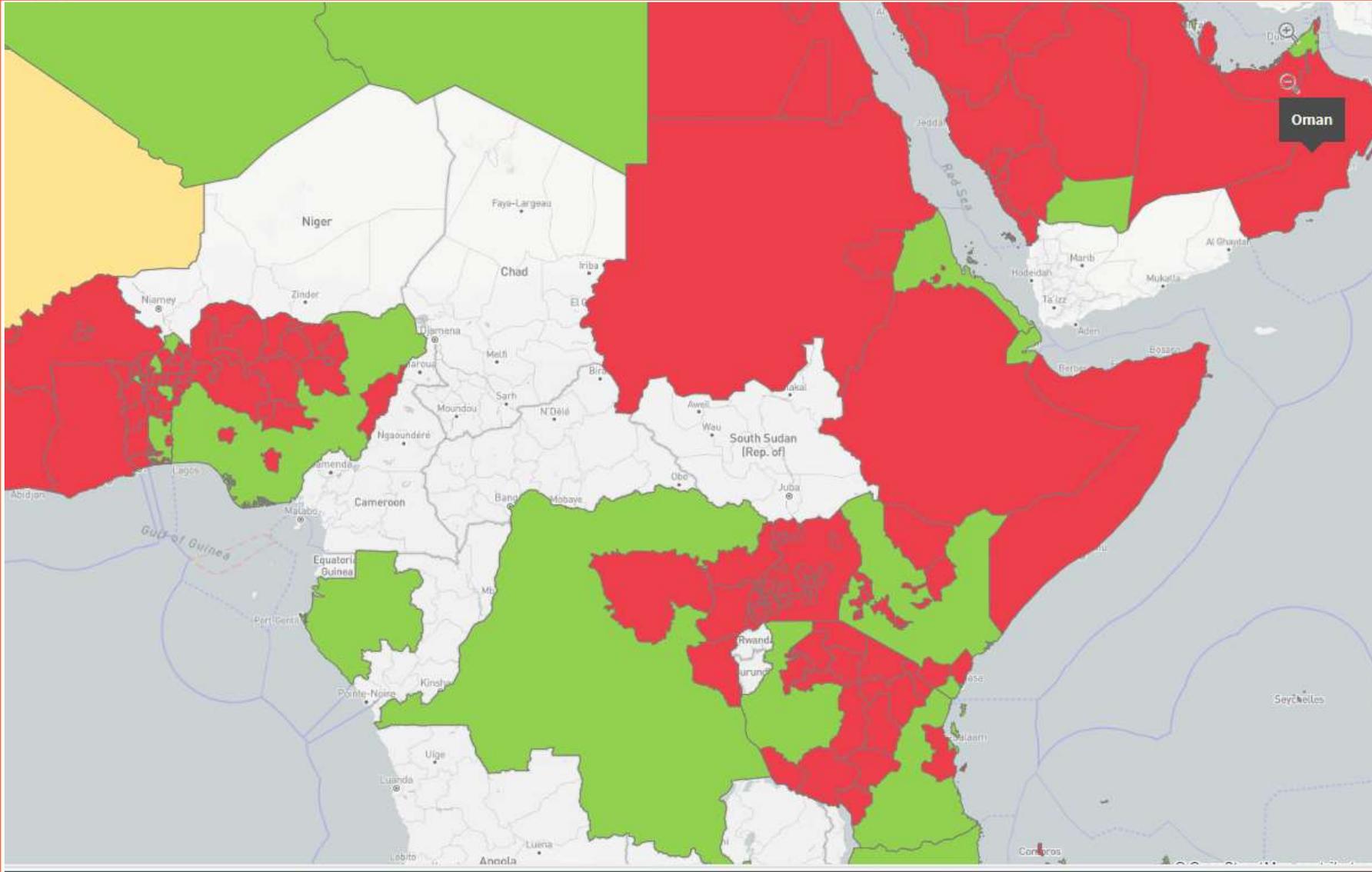
Cluster



- Domestic
- Wild
- Mixed
- Resolved
- Continuing
- Cluster



-  Domestic
-  Wild
-  Mixed
-  Resolved
-  Continuing
-  Cluster



Year: 2024, 2025

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Summary and Strategic Insights



FMD Outbreak Trends

Serotype O remains the most prevalent with recurrent outbreaks indicating persistent endemic challenges.

Seasonal Patterns

Monthly peaks mid-year suggest seasonal influences affecting the spread of outbreaks.

Strategic Recommendations

Strengthen real-time reporting, regional coordination, and invest in serotype-specific vaccines for better control.

Community Engagement

Promoting biosecurity practices and awareness at community level is essential for sustainable disease control.



Thank you

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