



World Organisation
for Animal Health
Founded as OIE

REGIONAL FMD SITUATION UPDATES

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Source of information and Data analysis



Data source:

- ARAHIS
- WAHIS
- WOAH Reference Laboratory report
- Country reports

ASEAN Regional Animal Health Information System (ARAHIS)

OIE Home Page

ASEAN Regional Animal Health Information System

Welcome to the ARAHIS system

This system is intended for the use of authorised representatives of members of ASEAN countries.

To ensure the integrity of the disease information managed by the system, access is restricted to authorised users.

This system has been developed with the cooperation of the ASEAN sectoral working group on Animal Health (Bangkok) and ACIL. The system builds on and extends the functions of existing regional and national systems for ASEAN (AHPISA).

Username: Serotype O is still dominant

Password:

WAHIS

Analytics Reports

WAHIS: World Animal Health Information System

WAHIS is the global animal health reference database of the World Organisation for Animal Health (WOAH). WAHIS data reflects the validated information since 2005 reported by the Veterinary Services from Member and Non-Member Countries, as well as international and aquaculture diseases in domestic animals and wildlife, as well as on emerging diseases and zoonoses.

WAHIS includes interactive mapping tools and dashboards to support data consultation, visualization and extraction of officially validated animal health data.

Latest animal disease events

Data analysis:

- Regional Ms Excel dataset
- PowerBI

Power BI

REGION: Asia and the Pacific | English | WAHIS | Codes and Manuals | Search

World Organisation for Animal Health

FMD Situation Dashboard

REGIONAL FMD SITUATION

FMD OUTBREAK

Total cases

Year: 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

1521

Year: 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

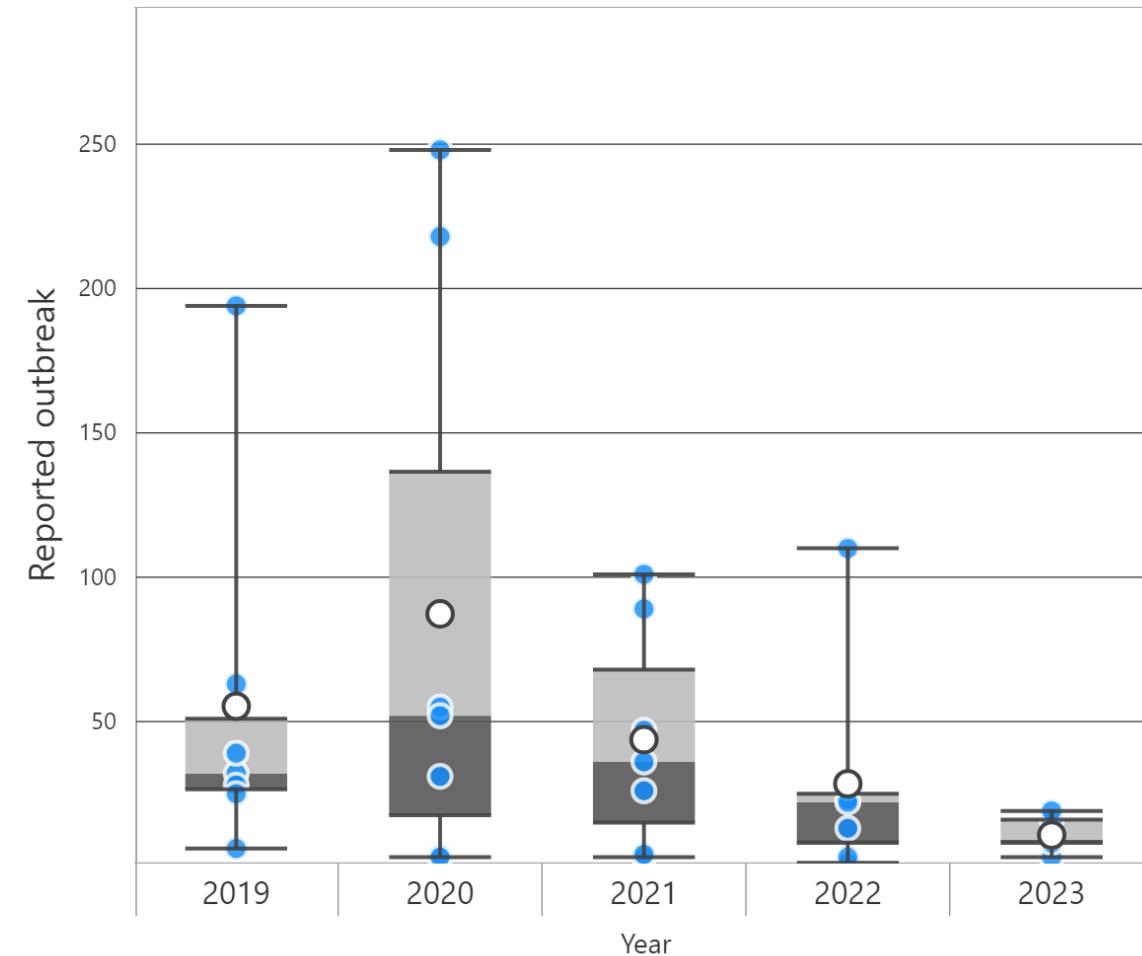
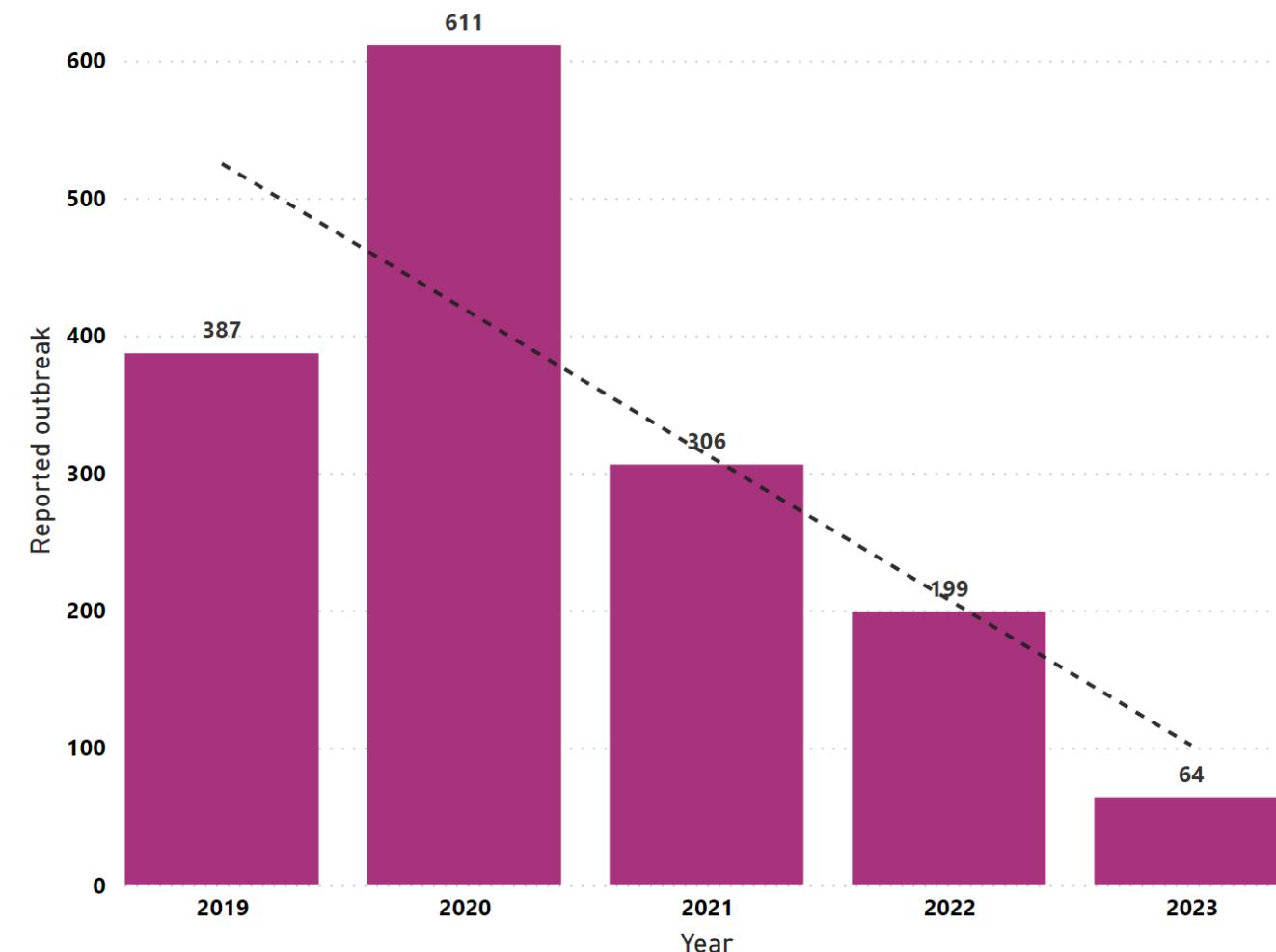
Country: Cambodia China Indonesia Laos Malaysia Mongolia Myanmar Thailand Vietnam

Number of outbreaks

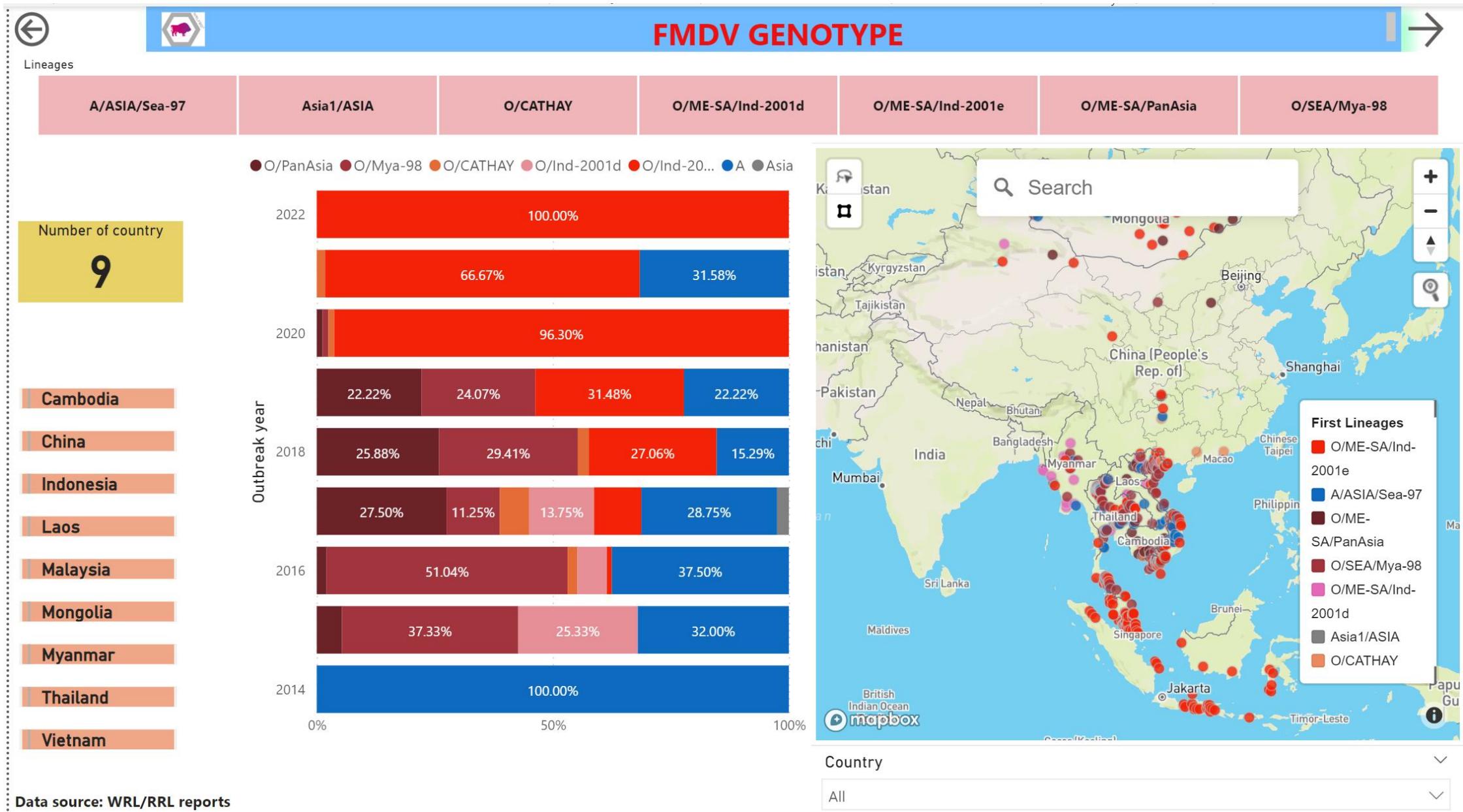
FMD spatial distribution



REGIONAL FMD SITUATION



Country	Cambodia	Indonesia	Malaysia	Myanmar	Vietnam
Total cases	1567				
	China	Laos	Mongolia	Thailand	



OBSERVED FINDINGS

- .The trend line shows declined cases- Is that a true picture of FMD in the Region?
- . Serotype Asia 1 has not been detected in the Region since 2017, with the last recorded case in Myanmar
- . Serotype A has been reported in Thailand consistently with observed clusters from 2014 to 2023 (except 2022)
- . Serotype O/ME-SA/ Ind-2001e remains predominant since 2020 (first detection was in 2016)
- . Serotype O/ME-SA/Ind-2001d - 5 countries, between 2015-2017
- . Serotype O/ME-SA/Pan-Asia -7 countries, 2015 to 2020. The last case was recorded in Vietnam, Cambodia in 2019 and Malaysia, 2020.

DISCUSSION

- . Require full epidemiological investigation
- . Timely reporting - Remains crucial
- . More accurate and detailed data is required
- . Robust surveillance
- . Enhance sample collection/submission-to the RRL and WRLFMD
- . Encourage Regional surveillance
- . ASIA 1 study is currently ongoing/Support is needed from member countries

- . Reporting in ARAHIS declined - technical issues faced by both users and admin/ frequent access failure /restoring remains challenging/ outdated/no Backup plan
- . ARAHIS /WAHIS Integration Project
- . Data discrepancies - WAHIS (FMD reports are missing report in 6 monthly report), ARAHIS and country report

THANK YOU FOR YOUR ATTENTION

<https://rr-asia.woah.org/en/our-mission/our-mission-regional-strategies/the-south-east-asia-and-china-foot-and-mouth-disease-seacfmd-campaign/>

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World Organisation for Animal Health
Founded in 1947

FMD Situation Dashboard

REGIONAL FMD SITUATION

Total cases: 1521

Year: 2019, 2020, 2021, 2022, 2023

Country: Cambodia, China, Indonesia, Laos, Malaysia, Mongolia, Myanmar, Thailand, Vietnam

FMD spatial distribution map showing outbreaks across the region.



Scan me!