REGIONAL FMD SITUATION UPDATES 2019-2021

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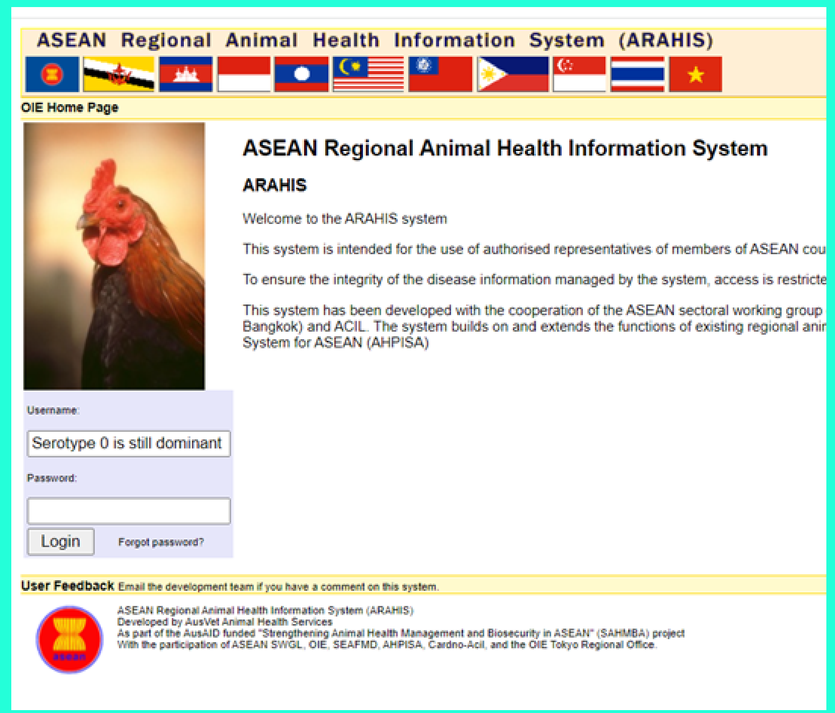
OIE SRR SEA

Source of information and Data analysis

Data source:
- ARAHIS
- WAHIS
- OIE Reference Laboratory report
- Country reports

Data analysis:
- Ms Excel
- QGIS software
- PowerBI

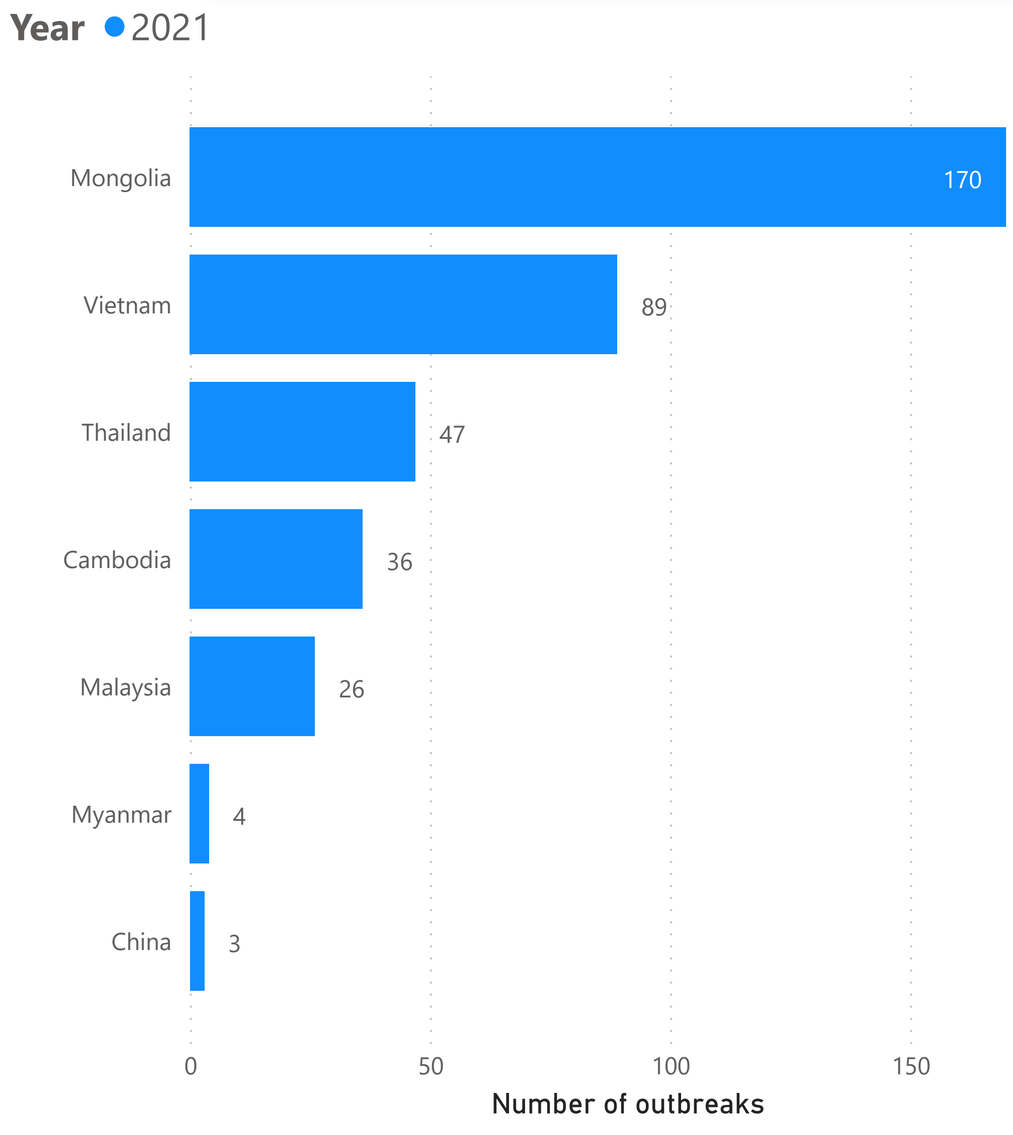


REGIONAL FMD SITUATION

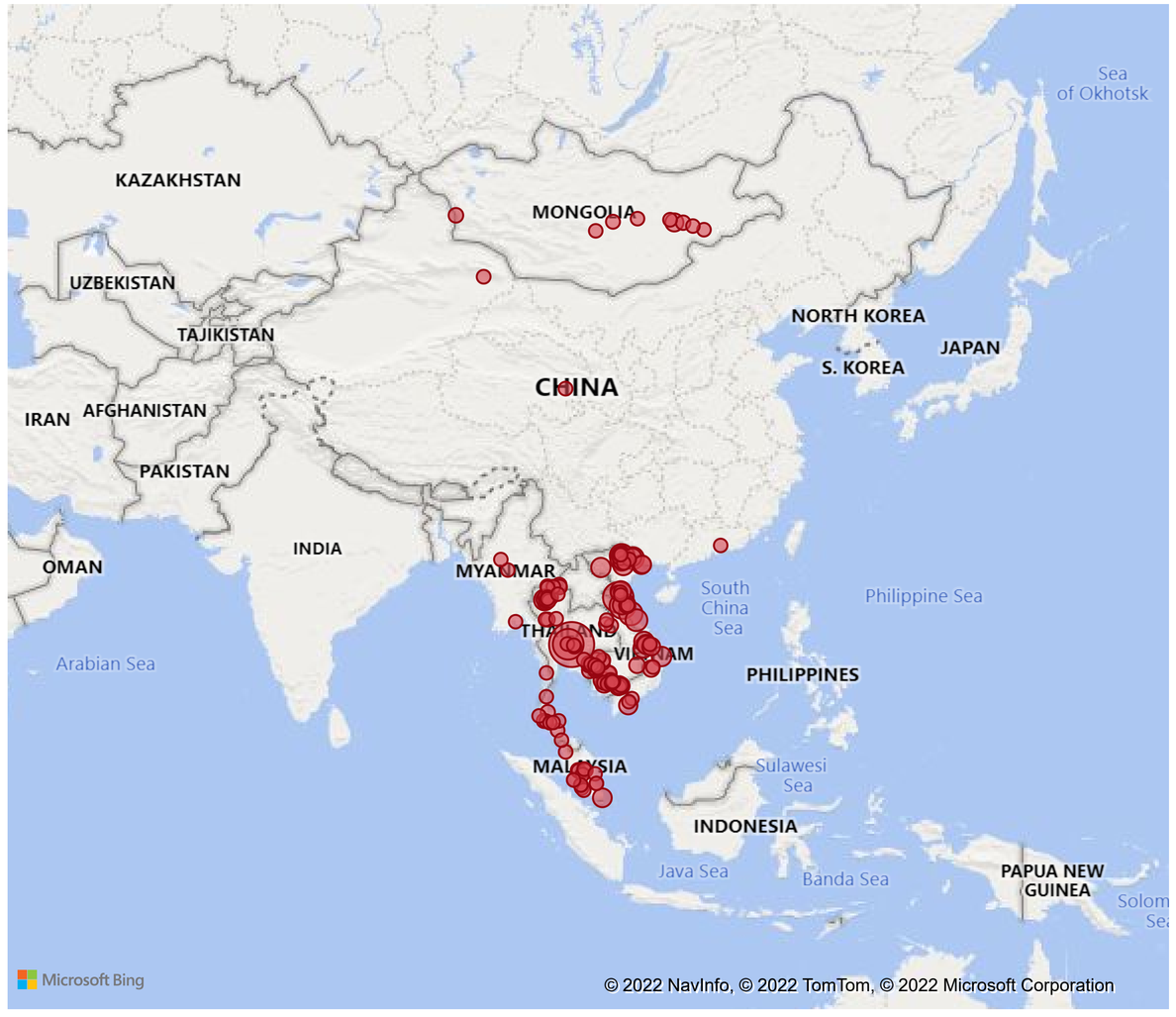
FMD OUTBREAK

Total cases

375



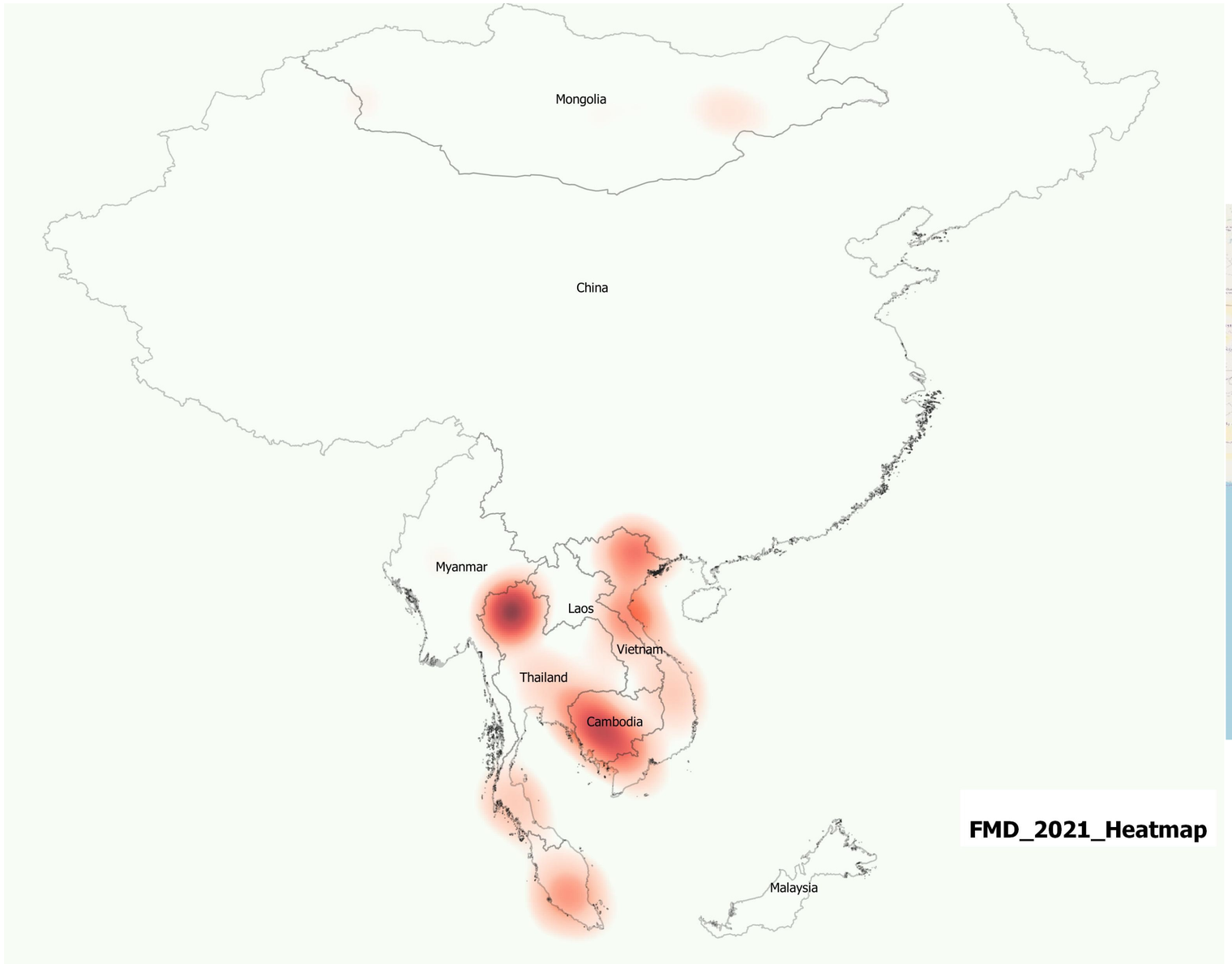
FMD spatial distribution



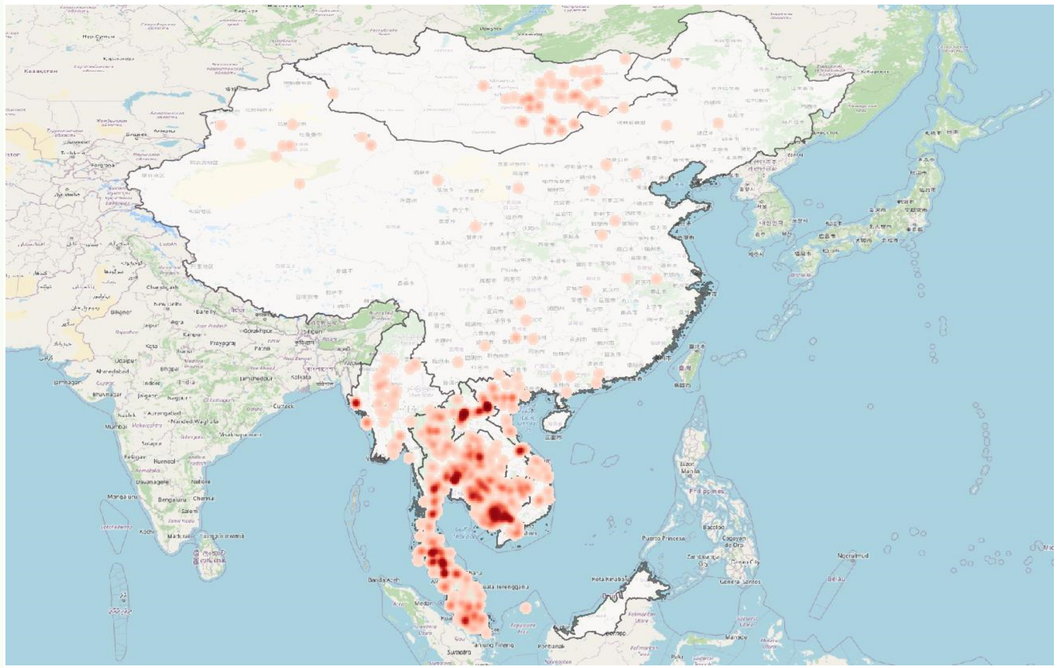
SEACFMD

WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

HEATMAP

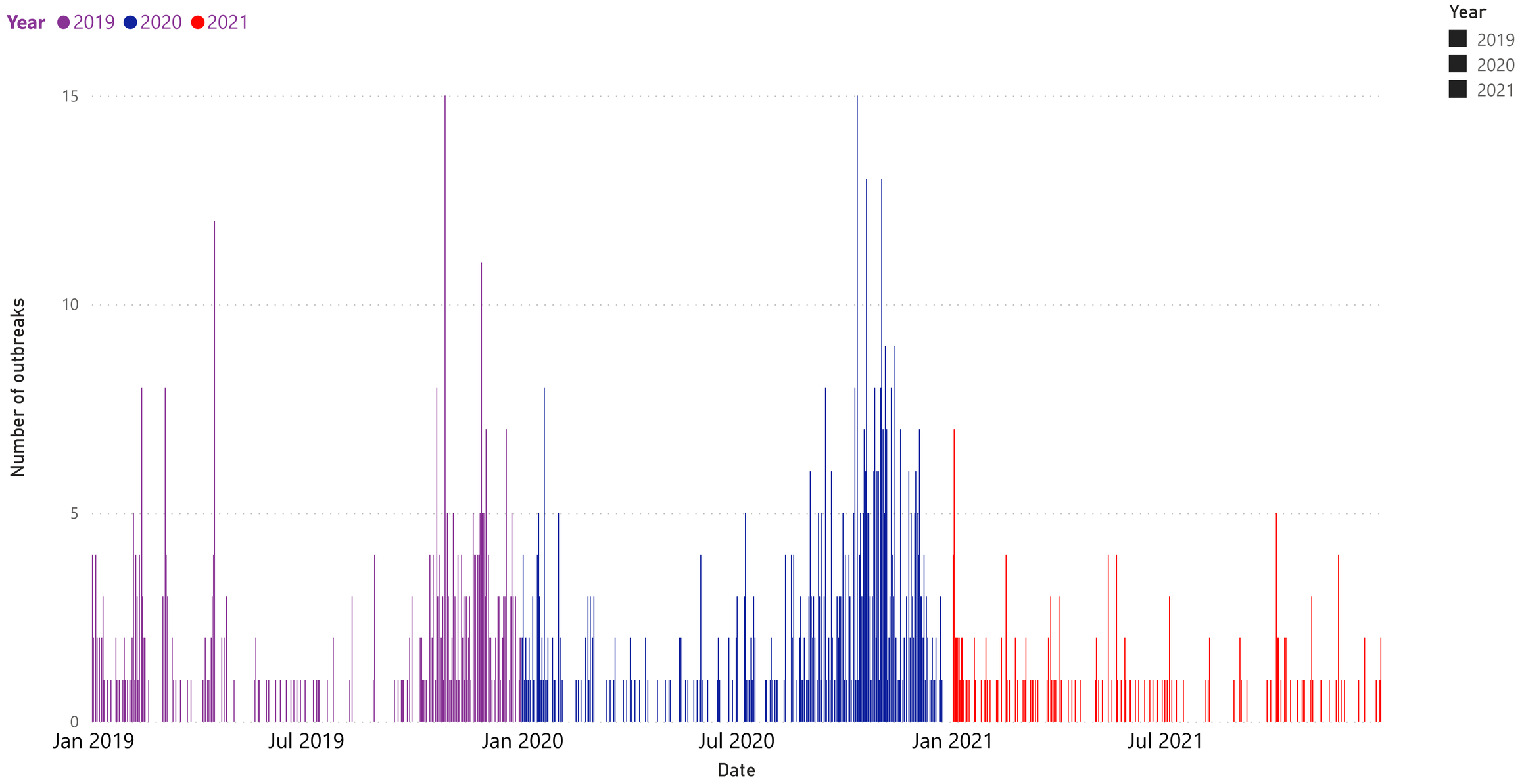


FMD_2021_Heatmap



2018_2021 CUMULATIVE HEATMAP

FMD TEMPORAL DISTRIBUTION



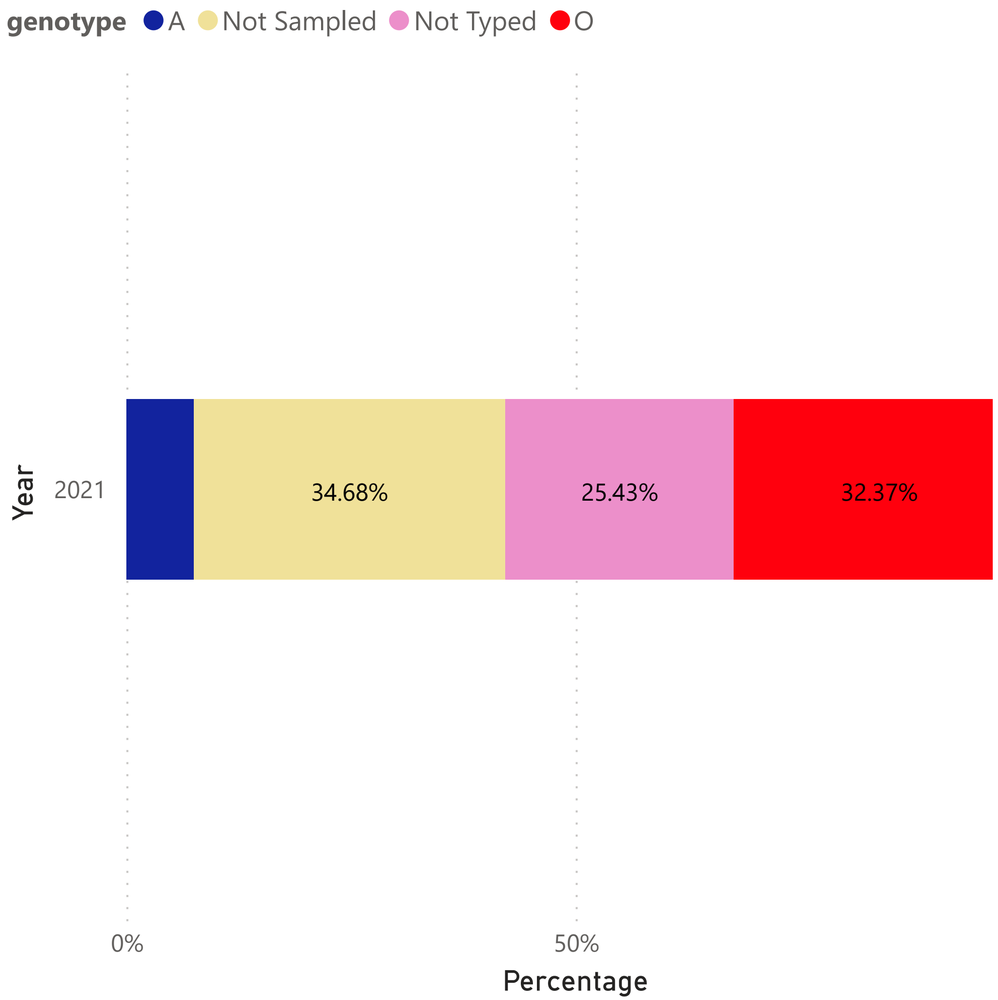
FMDV Subtype

Year
- [ ] 2019
- [ ] 2020
- [x] 2021

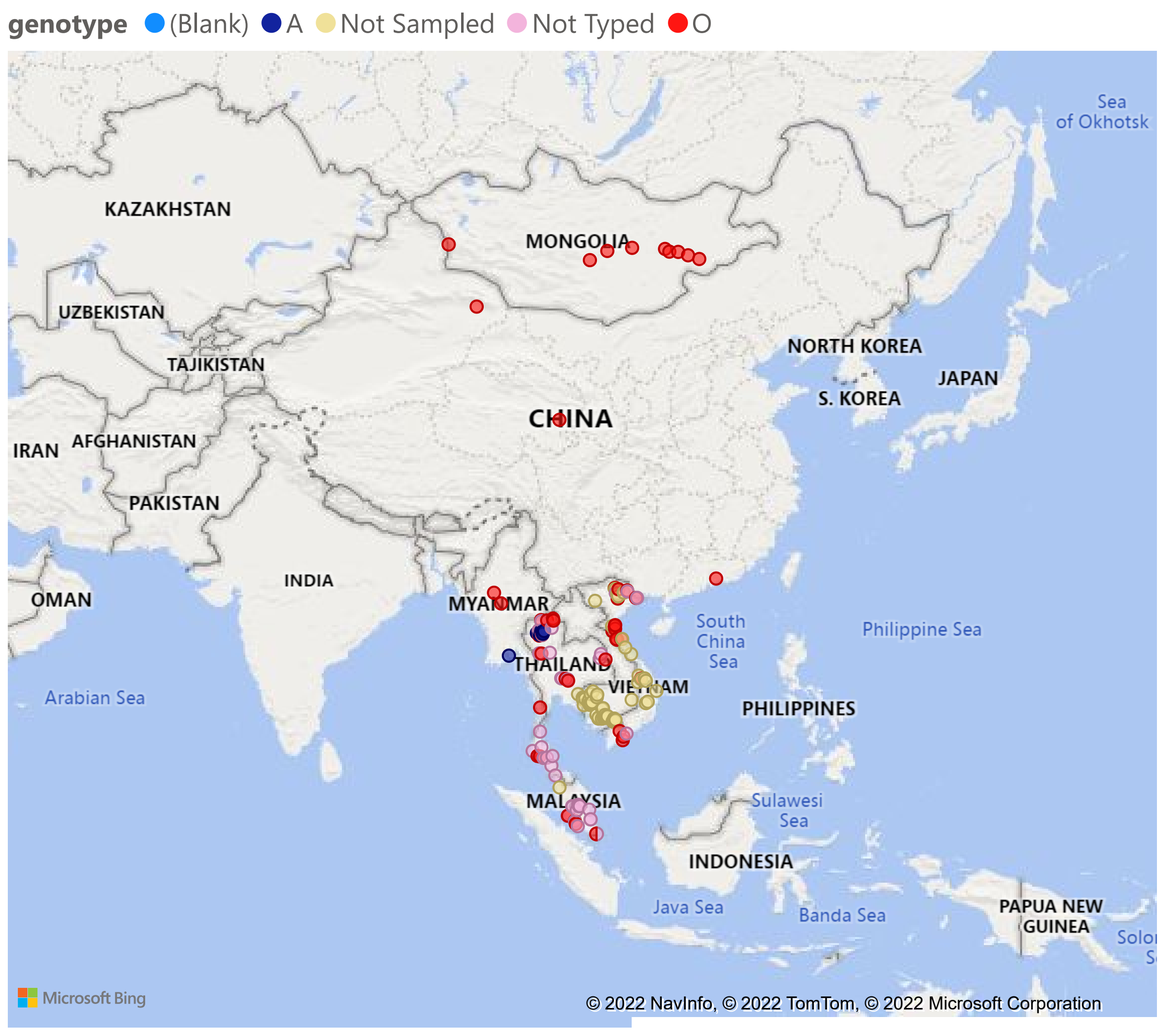
Country
- [ ] Cambodia
- [ ] China
- [ ] Malaysia
- [ ] Mongolia
- [ ] Myanmar
- [ ] Thailand
- [ ] Vietnam

Available data

173



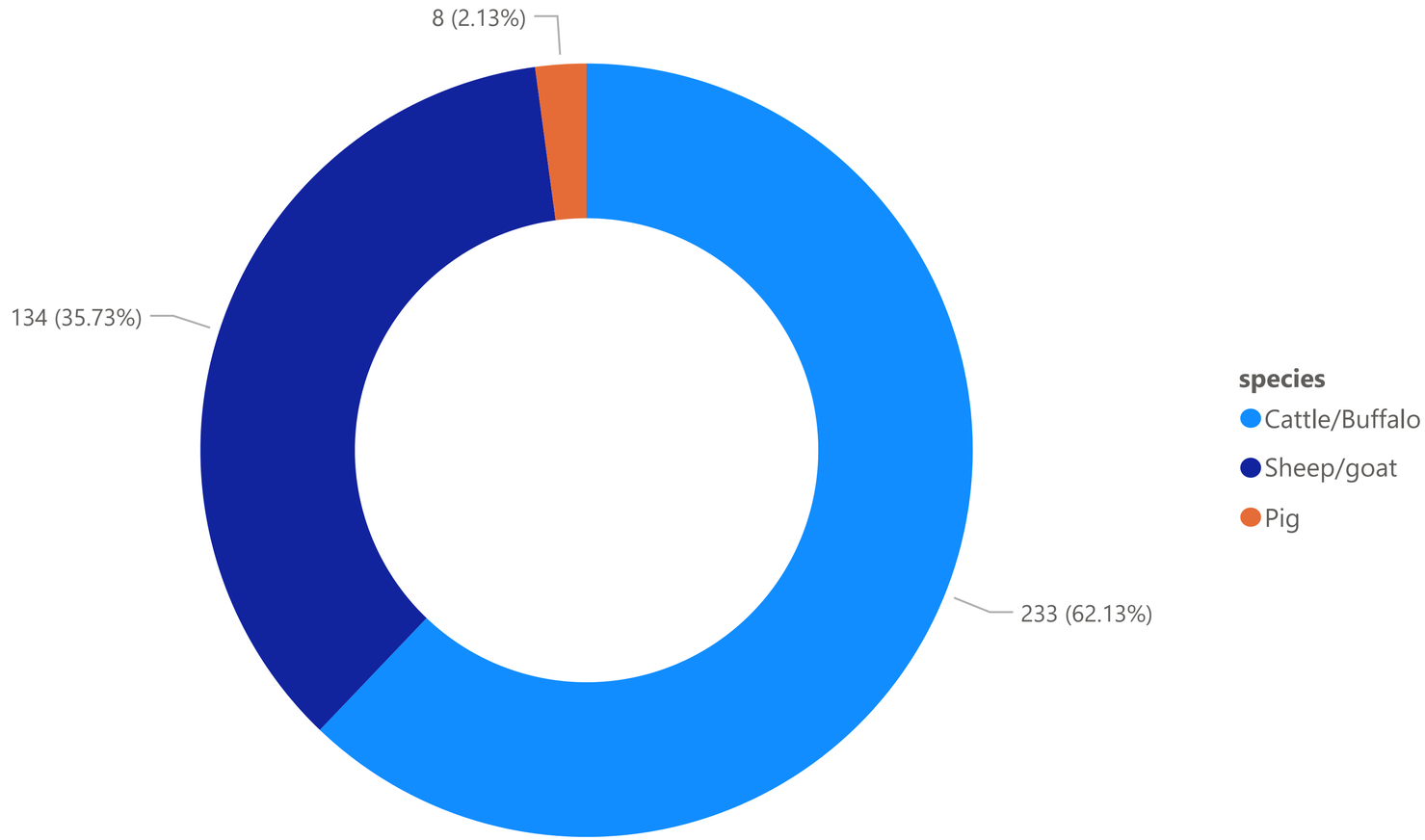
56	13	44	60
Otype	Atype	Not Typed	Not Sampled



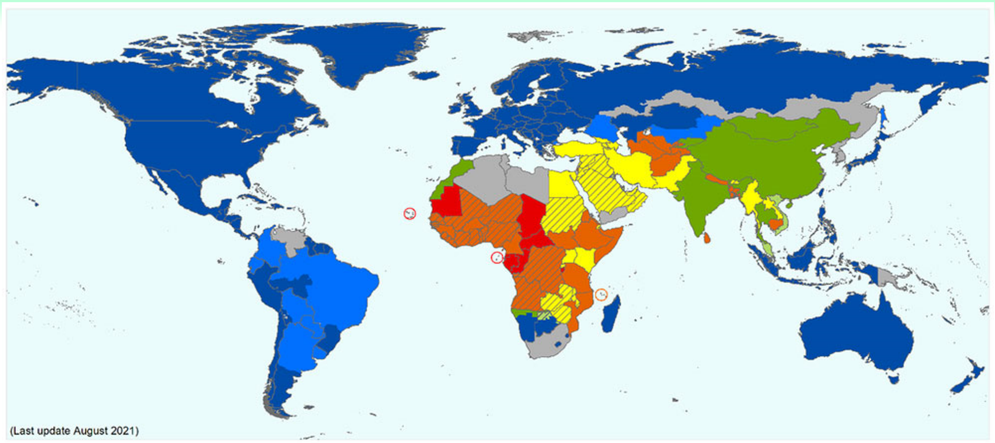
Data source: Country reports

FMD affected species

Year
- 2019
- 2020
- 2021



Regional PCP stage



(Last update August 2021)

GF-TADs
GLOBAL FRAMEWORK FOR THE PROGRESSIVE CONTROL OF TRANSBOUNDARY ANIMAL DISEASES

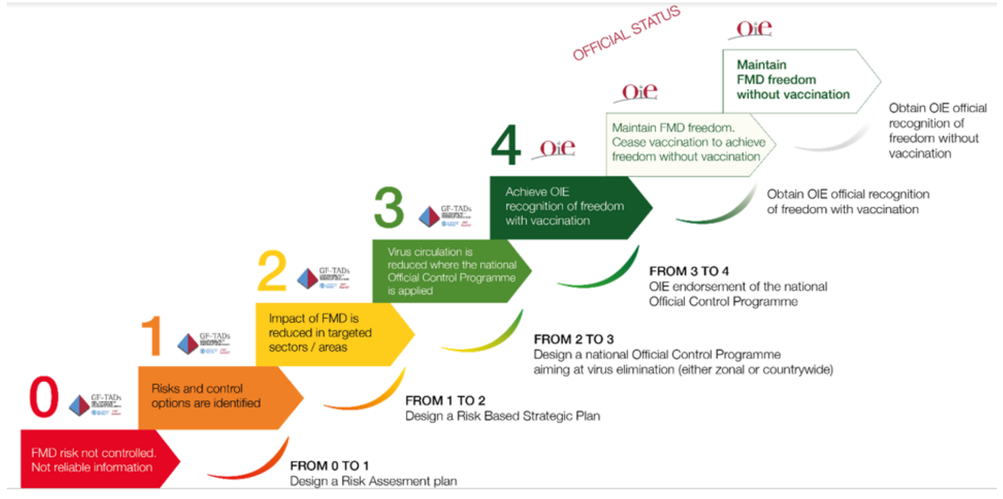
Food and Agriculture Organization of the United Nations

OIE
WORLD ORGANISATION FOR ANIMAL HEALTH

OIE official status, FMD endorsed programmes, and PCP stages

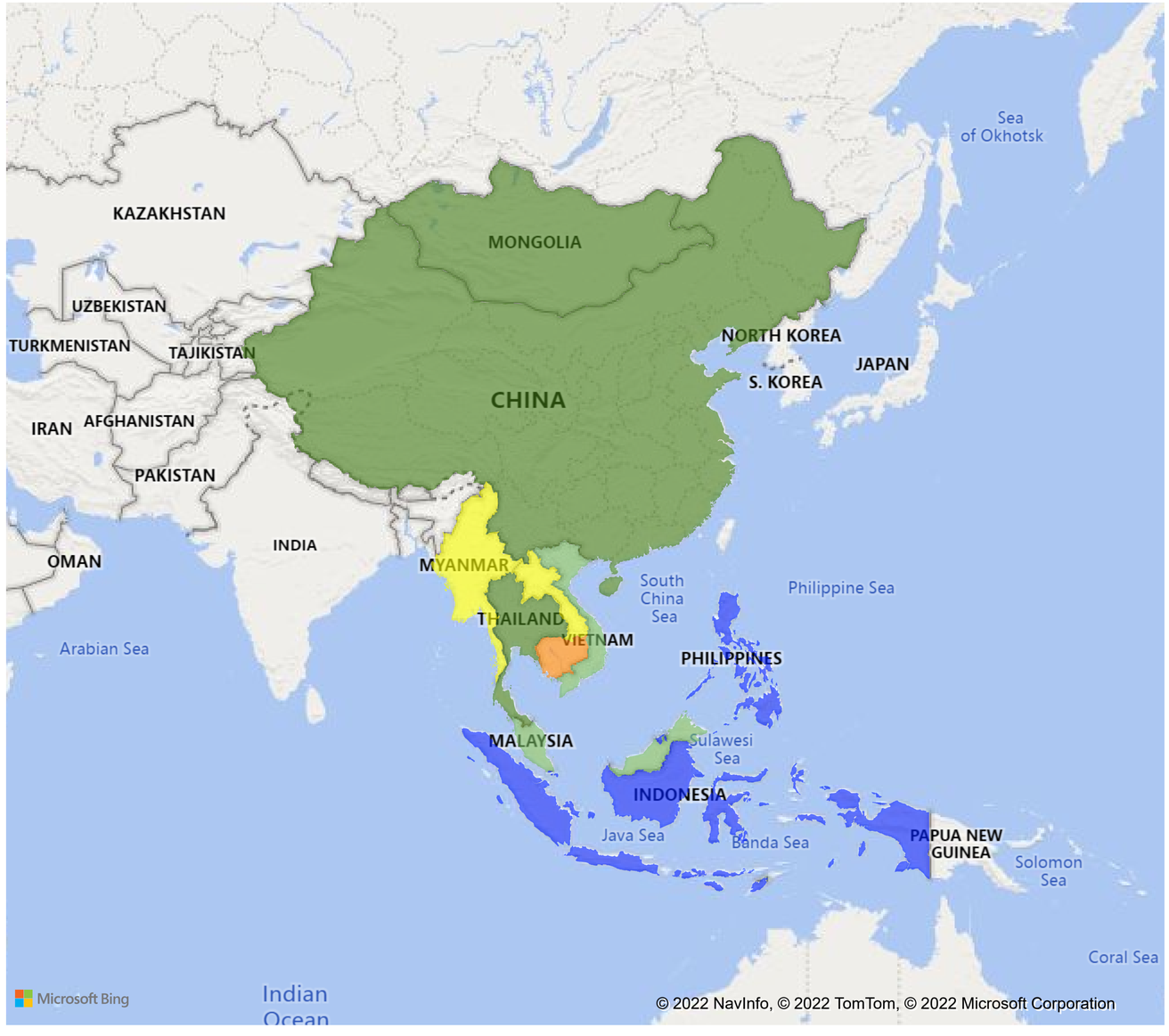
- Countries and zones recognised as free from FMD without vaccination
- Countries and zones recognised as free from FMD with vaccination
- Countries and zones without a FMD official status or not assessed by the PCP
- Official control programme endorsed by the OIE
- PCP stage 3
- PCP provisional stage 3
- PCP stage 2
- PCP provisional stage 2
- PCP stage 1
- PCP provisional stage 1
- PCP stage 0

*Territories in circles represent their current PCP stage of the same color in the legend



country and PCP stage

PCP stage 1 2 3 4 5



OBSERVED FUNDING

- The significant decline was observed in 2021

- Serotype A reported in Thailand and Myanmar

- FMD reported in Mongolia after two years of silence

- In 2019 and 2020, seasonal distribution is observed from September to January
- Serotype 0 is still dominant -genotype Ind-2001

- The non-sampling and non-typing remain a challenge
- Lack of full epidemiological investigation
- Data discrepancies - WAHIS, ARAHIS and country report

THANK YOU FOR YOUR ATTENTION